November 17, 2023

Kevin Yaghoubi
383 Morris LLC
c/o TRISE Development Corp.
1677 Lexington Avenue
New York, NY 10029

Re: Limited Subsurface Investigation Report
383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Dear Mr. Yaghoubi:

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C. (Langan) completed a limited subsurface investigation for the property at 383 Morris Avenue in the Bronx, NY. The purpose of this investigation was to evaluate possible impacts to soil, groundwater, and soil vapor resulting from historical use of the site and investigate recognized environmental conditions (REC) identified in the September 2023 Phase I Environmental Site Assessment (ESA). This letter report provides site background, investigation methodology, investigation results, analytical summary tables, scaled maps, and conclusions.

Site Location and Background

The site is located at 383 Morris Avenue (Bronx Tax Block 2334, Lots 62, 63, and 66) in the Mott Haven neighborhood of the Bronx, New York. Block 2334 is bordered by East 143rd Street to the north, Morris Avenue to the east, East 142nd Street to the south, and Rider Avenue to the west. A Site Location Map is provided as Figure 1. The site occupies an area of 5,710 square feet (0.13± acres) and is improved with a concrete-paved surface with a shipping container and two sheds that are used for storage and another temporary structure that is used as an office. The site currently operates as J&F Used Tire Shop, which sells used tires and performs basic auto repair services.

The site has been located in a densely-developed urban area since at least the late 1890s. Three dwellings appear on the site in the 1890 Sanborn Map. By 1935, the eastern part of the building at 383 Morris Avenue is shown as a plaster-clad dwelling, while the western part of the building is labeled "farrier". The building at 383 Morris Avenue is labeled as a plumber from 1944 through 1977. The site appears in this configuration until the most recent 2007 Sanborn Map. According to city directory listings, B & G Welding Service operated at 383 Morris Avenue in 1940. The buildings at 375 Morris Avenue and 268 143rd Street were residences from the late 1800s until

the 2010s. 383 Morris LLC acquired the site between 2010 and 2012, and the buildings were demolished in 2012. J&F Used Tire Shop has operated at the site from 2012 to the present.

Field Investigation

Langan completed a limited subsurface investigation from September 20 to 22, 2023. The following tasks were performed and are further detailed in the subsequent sections:

- A geophysical survey to locate potential underground storage tanks (UST) and other subsurface structures
- Advancement of six soil borings up to 16 feet below grade surface (bgs) and collection of 13 soil samples
- Installation of three temporary groundwater monitoring wells and collection of three groundwater samples
- Installation of three soil vapor sampling points and collection of three soil vapor samples

Geophysical Survey

NOVA Geophysical Services (NOVA) conducted a geophysical survey under the supervision of a Langan field staff to identify USTs and other subsurface structures beneath the pavement using ground penetrating radar (GPR) and an electromagnetic (EM) detector. A copy of the geophysical survey report is provided as Attachment 1.

Soil Investigation

Six soil borings (SB01 through SB06) were advanced by Lakewood Environmental Services, Inc. (Lakewood) on September 20 and 21, 2023 using a direct-push drill rig. Langan field personnel documented drilling activities and collected samples. Soil boring locations are shown on Figure 2. Soil borings SB04 and SB06 were advanced to 14 feet bgs, SB01 and SB02 were advanced to 15 feet bgs, and SB03 and SB05 were advanced to 16 feet bgs. Soil samples were inspected for visual and olfactory evidence of impacts and screened for organic vapors with a photoionization detector (PID). Soil samples were collected from the uncontrolled fill layer and the underlying native soil. Soil boring logs are provided as Attachment 2.

Thirteen grab soil samples were collected into laboratory-supplied containers and delivered via courier under standard chain-of-custody protocol to York Analytical Laboratories, Inc. (York) for laboratory analysis using the latest United States Environmental Protection Agency (USEPA) methods. York is a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP)-certified laboratory in Stratford, Connecticut and Richmond Hill, New York. Samples were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, pesticides, herbicides, and polychlorinated biphenyls (PCB). One additional sample was collected and analyzed for per- and polyfluoroalkyl substances (PFAS).

Groundwater Investigation

Soil borings SB01, SB02, and SB03 were converted to temporary monitoring wells (MW01, MW02, and MW03), and were constructed using 10 feet of 1-inch diameter polyvinyl chloride (PVC) riser pipe with a 10-foot long, 0.01-inch-slotted screen set across the observed groundwater table. Following groundwater sample collection, the temporary monitoring wells were removed, the boreholes were filled to grade surface with No. 2 sand and patched with portland cement. The groundwater sample locations are shown on Figure 3.

Three groundwater samples were collected for laboratory analyses. Before sampling, the well headspace was monitored with a PID and the well was gauged with an interface probe to determine depth to groundwater and purged to remove any accumulated sediment/debris. A multi-parameter water quality instrument was used to monitor groundwater quality parameters during purging and sampling. The samples were collected with a peristaltic pump and dedicated polyethylene tubing, directly from the pump effluent into laboratory-supplied containers and delivered via courier to York under chain-of-custody protocol. Groundwater samples were analyzed for VOCs, SVOCs, PCBs, herbicides, pesticides, PFAS and metals (total and dissolved). Monitoring well construction and groundwater sampling logs are provided as Attachment 3.

Soil Vapor Investigation

Three soil vapor points (SV01, SV02, and SV03) were installed to about 4 feet below the concrete pavement. Dedicated, Teflon-line polyethylene tubing, connected to a 2-inch polyethylene probe was inserted into a 2.25-inch-diameter borehole. The annulus around the tubing was filled with clean sand and hydrated bentonite slurry to seal the top of the sample point. The soil vapor sampling points are shown on Figure 4.

Before sampling, each soil vapor point was purged using a MultiRAE five-gas meter at an approximate rate of 0.2 liters per minute (L/min) to evacuate a minimum of three tubing/vapor point volumes prior to sample collection. The soil vapor samples were collected into laboratory-supplied, batch-certified, 6-liter Summa canisters with flow controllers calibrated for a 2-hour sampling period. The canisters were labeled and transported via courier to York under chain-of-custody protocols to be analyzed for VOCs via (USEPA) Method TO-15. A soil vapor sampling log is provided as Attachment 4.

Observations and Analytical Results

The following sections summarize field observations, and analytical results for the sampled media. Soil, groundwater, and soil vapor analytical results are presented on Tables 1, 2, and 3. Laboratory analytical reports are provided as Attachment 5.

Geophysical Survey

The geophysical survey did not identify anomalies consistent with USTs. One electric utility line was identified entering the site from the southeastern boundary of the site. All locations were pre-cleared with the geophysical contractor prior to advancing the borings.

Subsurface Observations

The site is underlain by uncontrolled fill, predominantly consisting of brown to grey or tannish brown, fine-grained sand with varying amounts of silt, gravel, brick, glass, lumber, asphalt, coal and coal ash, and extending from surface grade to about 5.5 to 8 feet bgs. Native soil consisting of tannish brown fine sand with trace silt and trace fine gravel was observed below the uncontrolled fill layer. Weathered bedrock was encountered at about 14 to 16 feet bgs during the subsurface investigation.

Groundwater was observed at between about 10.75 feet bgs at monitoring well MW01 and about 11.5 feet bgs at MW02. The inferred regional groundwater flow direction for the area surrounding the site is to the west, towards the Harlem River.

Analytical Results

- Soil: Seven SVOCs, including, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene, were detected in soil at concentrations exceeding the Title 6 of New York Codes, Rules, and Regulations (6 NYCRR) Part 375 Restricted Use Restricted-Residential (RR) Soil Cleanup Objective (SCO). Metals were also detected in soil above RR SCOs, with maximum concentrations identified in shallow soil (about 0 to 6 feet bgs). Four pesticides, 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, and dieldrin, were detected above UU SCOs. Total PCBs were detected above the UU SCO. Perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) concentrations are compared to the UU and RRU Guidance Values (GV) provided in the NYSDEC guidance document "Sampling, Analysis and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs", dated April 2023. PFOS was detected below the UU GV.
- Groundwater: Three total and dissolved metals and one pesticide were detected in groundwater at concentrations above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1. Ambient Water Quality Standards and Guidance Values (SGV) for Class GA (drinking water). PFOS and PFOA were detected marginally above the Class GA SGVs.
- Soil Vapor: New York State currently does not have standards, criteria, or guidance for concentrations of VOCs in soil vapor. In lieu of regulatory standards, the Decision Matrices published in the NYSDOH Soil Vapor Intrusion Guidance (October 2006, with updates) were used as screening criteria for soil vapor concentrations. PCE was detected

in SV02 at a concentration that would warrant mitigation in the absence of remediation. Acetone and other petroleum-related compounds were also detected at concentrations above-background.

Conclusions

Soil sample analytical results identified pesticides, PCBs, and PFAS above their UU SCOs and several SVOCs and metals at concentrations above RR SCOs. Groundwater analytical results identified metals, one pesticide, and PFOS and PFOA at concentrations above NYSDEC Class GA SGVs. PCE was detected in soil vapor at a concentration that would warrant mitigation in the absence of remediation. Given the concentration of PCE identified in soil vapor, it is likely that PCE is present in soil and/or groundwater that would be further investigated and remediated.

Sincerely,

Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.



Albert Tashji, P.E.
Senior Project Manager



Brian Gochenaur, QEP
Associate

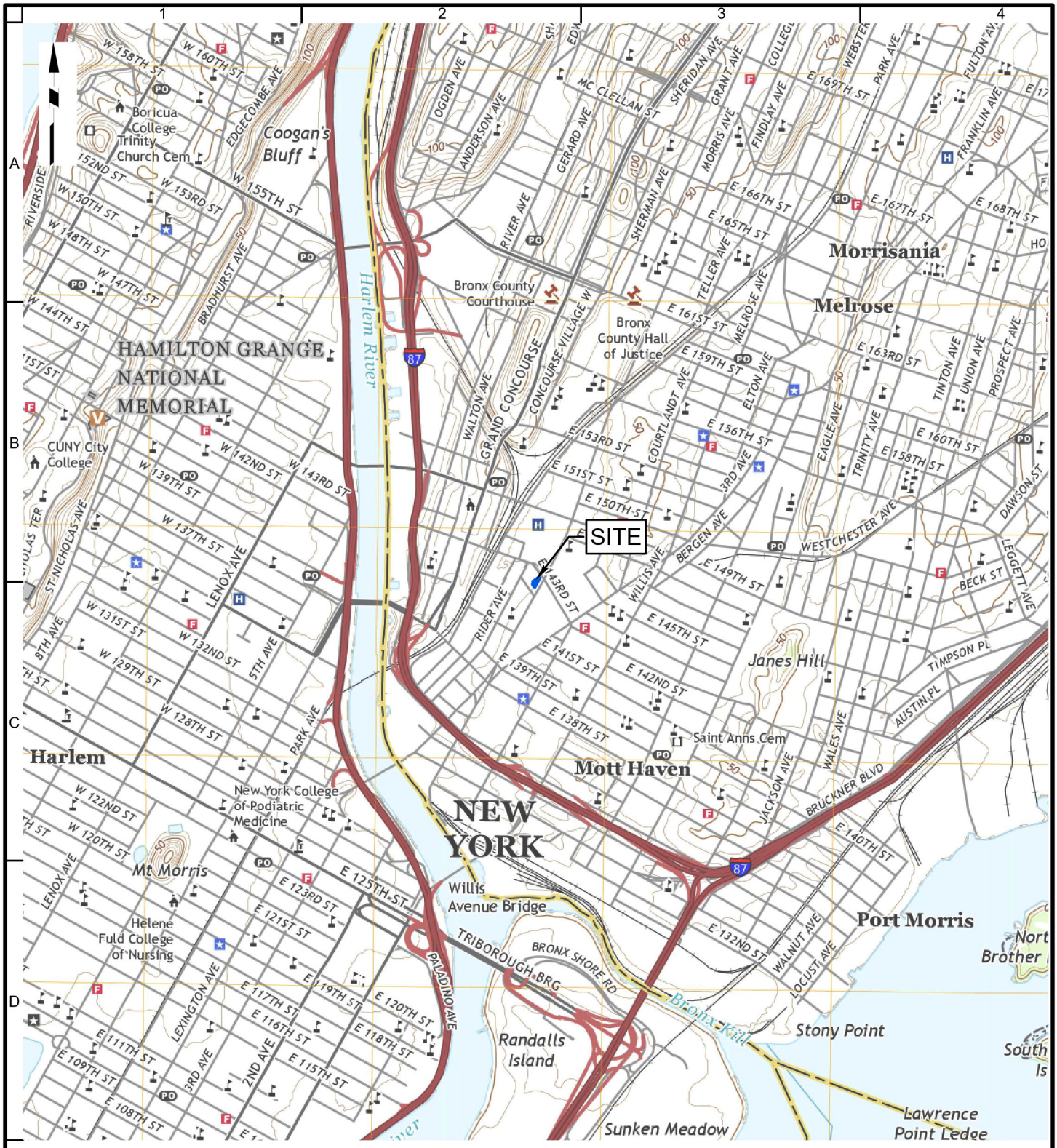
Attachments:
Figure 1 – Site Location Map
Figure 2 – Soil Sample Analytical Results Map
Figure 3 – Groundwater Sample Analytical Results Map
Figure 4 – Soil Vapor Sample Analytical Results Map

Table 1 – Soil Sample Analytical Results Summary
Table 2 – Groundwater Sample Analytical Results Summary
Table 3 – Soil Vapor Sample Analytical Results Summary

Attachment 1 – Geophysical Survey
Attachment 2 – Soil Boring Logs
Attachment 3 – Monitoring Well Construction and Groundwater Sampling Logs
Attachment 4 – Soil Vapor Sampling Logs
Attachment 5 – Laboratory Analytical Reports

Figures

Figure 1 – Site Location Map
Figure 2 – Soil Sample Analytical Results Map
Figure 3 – Groundwater Sample Analytical Results Map
Figure 4 – Soil Vapor Sample Analytical Results Map



Legend

Approximate Site Boundary

2,000 0 2,000

SCALE IN FEET

Notes:
1. Basemap adapted from United States Geological Survey (USGS) 7.5-Minute Series Topographical Maps, Central Park, New York, 2019 Quadrangle.

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Langan Engineering & Environmental Services, Inc.
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Langan International LLC

Collectively known as Langan

Project
383 MORRIS AVENUE

BLOCK No. 2334, LOTs No. 62, 63 and 66

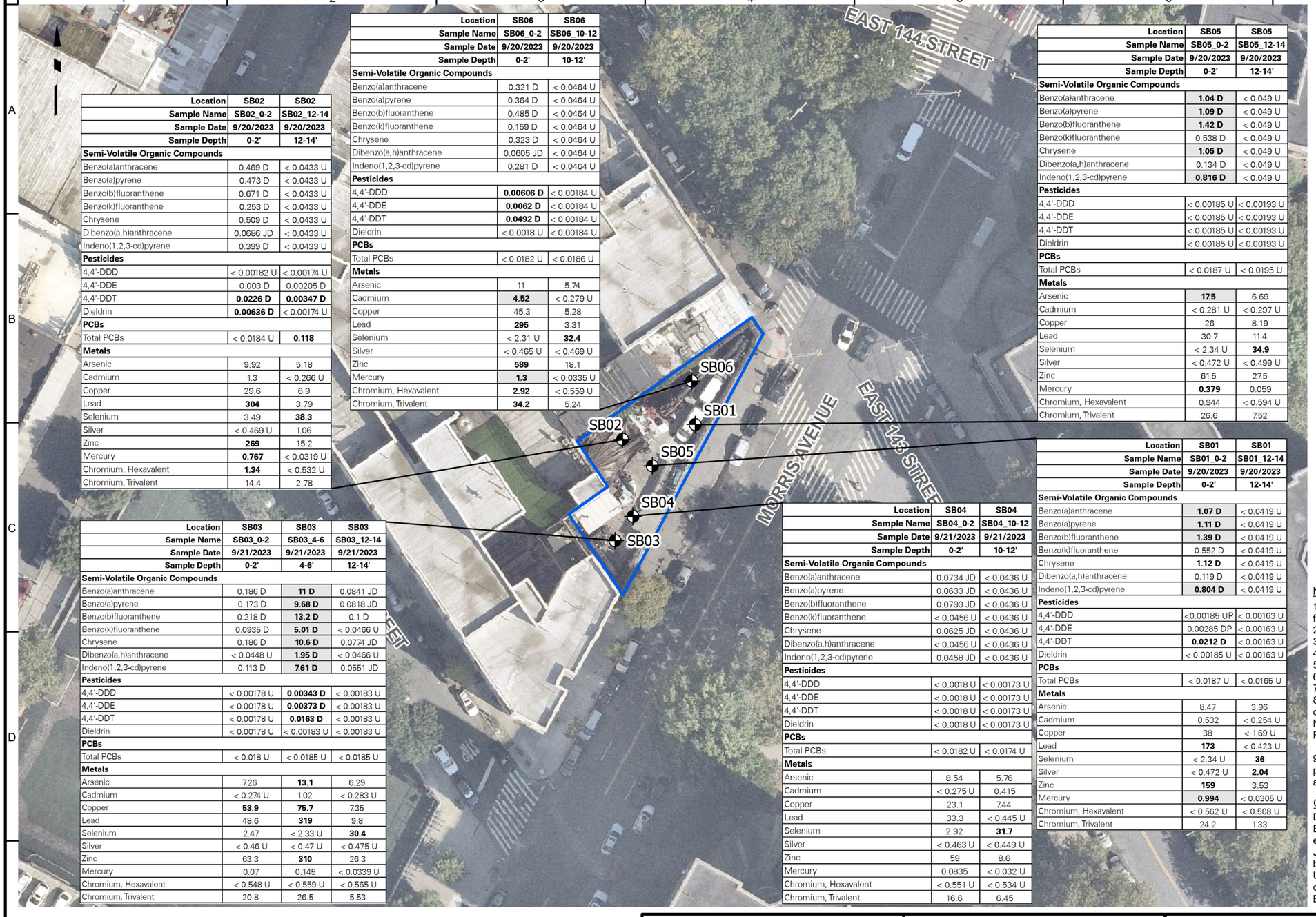
BRONX NEW YORK

Figure Title
SITE LOCATION MAP

Project No. 170790501	Figure No. 1
Date 10/31/2023	
Scale 1"=2,000'	
Drawn By PDT	
Submission Date	

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Location	SB02	SB02
Sample Name	SB02_0-2	SB02_12-14
Sample Date	9/20/2023	9/20/2023
Sample Depth	0-2'	12-14'
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	0.469 D	< 0.0433 U
Benzo(a)pyrene	0.473 D	< 0.0433 U
Benzo(b)fluoranthene	0.671 D	< 0.0433 U
Benzo(k)fluoranthene	0.253 D	< 0.0433 U
Chrysene	0.509 D	< 0.0433 U
Dibenzo(a,h)anthracene	0.0686 JD	< 0.0433 U
Indeno(1,2,3-cd)pyrene	0.399 D	< 0.0433 U
Pesticides		
4,4'-DDD	< 0.00182 U	< 0.00174 U
4,4'-DDE	0.003 D	0.00205 D
4,4'-DDT	**0.0226 D**	**0.00347 D**
Dieldrin	**0.00636 D**	< 0.00174 U
PCBs		
Total PCBs	< 0.0184 U	**0.118**
Metals		
Arsenic	9.92	5.18
Cadmium	1.3	< 0.266 U
Copper	29.6	6.9
Lead	**304**	3.79
Selenium	3.49	**38.3**
Silver	< 0.469 U	1.06
Zinc	**269**	15.2
Mercury	**0.767**	< 0.0319 U
Chromium, Hexavalent	**1.34**	< 0.532 U
Chromium, Trivalent	14.4	2.78

Location	SB06	SB06
Sample Name	SB06_0-2	SB06_10-12
Sample Date	9/20/2023	9/20/2023
Sample Depth	0-2'	10-12'
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	0.321 D	< 0.0464 U
Benzo(a)pyrene	0.364 D	< 0.0464 U
Benzo(b)fluoranthene	0.485 D	< 0.0464 U
Benzo(k)fluoranthene	0.159 D	< 0.0464 U
Chrysene	0.323 D	< 0.0464 U
Dibenzo(a,h)anthracene	0.0605 JD	< 0.0464 U
Indeno(1,2,3-cd)pyrene	0.281 D	< 0.0464 U
Pesticides		
4,4'-DDD	**0.00606 D**	< 0.00184 U
4,4'-DDE	**0.0062 D**	< 0.00184 U
4,4'-DDT	**0.0492 D**	< 0.00184 U
Dieldrin	< 0.0018 U	< 0.00184 U
PCBs		
Total PCBs	< 0.0182 U	< 0.0186 U
Metals		
Arsenic	11	5.74
Cadmium	**4.52**	< 0.279 U
Copper	45.3	5.28
Lead	**295**	3.31
Selenium	< 2.31 U	**32.4**
Silver	< 0.465 U	< 0.469 U
Zinc	**589**	18.1
Mercury	**1.3**	< 0.0335 U
Chromium, Hexavalent	**2.92**	< 0.559 U
Chromium, Trivalent	**34.2**	5.24

Location	SB05	SB05
Sample Name	SB05_0-2	SB05_12-14
Sample Date	9/20/2023	9/20/2023
Sample Depth	0-2'	12-14'
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	**1.04 D**	< 0.049 U
Benzo(a)pyrene	**1.09 D**	< 0.049 U
Benzo(b)fluoranthene	**1.42 D**	< 0.049 U
Benzo(k)fluoranthene	0.538 D	< 0.049 U
Chrysene	**1.05 D**	< 0.049 U
Dibenzo(a,h)anthracene	0.134 D	< 0.049 U
Indeno(1,2,3-cd)pyrene	**0.816 D**	< 0.049 U
Pesticides		
4,4'-DDD	< 0.00185 U	< 0.00193 U
4,4'-DDE	< 0.00185 U	< 0.00193 U
4,4'-DDT	< 0.00185 U	< 0.00193 U
Dieldrin	< 0.00185 U	< 0.00193 U
PCBs		
Total PCBs	< 0.0187 U	< 0.0195 U
Metals		
Arsenic	**17.5**	6.69
Cadmium	< 0.281 U	< 0.297 U
Copper	26	8.19
Lead	30.7	11.4
Selenium	< 2.34 U	**34.9**
Silver	< 0.472 U	< 0.499 U
Zinc	61.5	27.5
Mercury	**0.379**	0.059
Chromium, Hexavalent	0.944	< 0.594 U
Chromium, Trivalent	26.6	7.52

Location	SB01	SB01
Sample Name	SB01_0-2	SB01_12-14
Sample Date	9/20/2023	9/20/2023
Sample Depth	0-2'	12-14'
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	**1.07 D**	< 0.0419 U
Benzo(a)pyrene	**1.11 D**	< 0.0419 U
Benzo(b)fluoranthene	**1.39 D**	< 0.0419 U
Benzo(k)fluoranthene	0.552 D	< 0.0419 U
Chrysene	**1.12 D**	< 0.0419 U
Dibenzo(a,h)anthracene	0.119 D	< 0.0419 U
Indeno(1,2,3-cd)pyrene	**0.804 D**	< 0.0419 U
Pesticides		
4,4'-DDD	<0.00185 UP	< 0.00163 U
4,4'-DDE	0.00285 DP	< 0.00163 U
4,4'-DDT	**0.0212 D**	< 0.00163 U
Dieldrin	< 0.00185 U	< 0.00163 U
PCBs		
Total PCBs	< 0.0187 U	< 0.0165 U
Metals		
Arsenic	8.47	3.96
Cadmium	0.532	< 0.254 U
Copper	38	< 1.69 U
Lead	**173**	< 0.423 U
Selenium	< 2.34 U	**36**
Silver	< 0.472 U	**2.04**
Zinc	**159**	3.53
Mercury	**0.994**	< 0.0305 U
Chromium, Hexavalent	< 0.562 U	< 0.508 U
Chromium, Trivalent	24.2	1.33

Location	SB03	SB03	SB03
Sample Name	SB03_0-2	SB03_4-6	SB03_12-14
Sample Date	9/21/2023	9/21/2023	9/21/2023
Sample Depth	0-2'	4-6'	12-14'
Semi-Volatile Organic Compounds			
Benzo(a)anthracene	0.186 D	**11 D**	0.0841 JD
Benzo(a)pyrene	0.173 D	**9.68 D**	0.0818 JD
Benzo(b)fluoranthene	0.218 D	**13.2 D**	0.1 D
Benzo(k)fluoranthene	0.0935 D	**5.01 D**	< 0.0466 U
Chrysene	0.186 D	**10.6 D**	0.0774 JD
Dibenzo(a,h)anthracene	< 0.0448 U	**1.95 D**	< 0.0466 U
Indeno(1,2,3-cd)pyrene	0.113 D	**7.61 D**	0.0551 JD
Pesticides			
4,4'-DDD	< 0.00178 U	**0.00343 D**	< 0.00183 U
4,4'-DDE	< 0.00178 U	**0.00373 D**	< 0.00183 U
4,4'-DDT	< 0.00178 U	**0.0163 D**	< 0.00183 U
Dieldrin	< 0.00178 U	< 0.00183 U	< 0.00183 U
PCBs			
Total PCBs	< 0.018 U	< 0.0185 U	< 0.0185 U
Metals			
Arsenic	7.26	**13.1**	6.29
Cadmium	< 0.274 U	1.02	< 0.283 U
Copper	**53.9**	**75.7**	7.35
Lead	48.6	**319**	9.8
Selenium	2.47	< 2.33 U	**30.4**
Silver	< 0.46 U	< 0.47 U	< 0.475 U
Zinc	63.3	**310**	26.3
Mercury	0.07	0.145	< 0.0339 U
Chromium, Hexavalent	< 0.548 U	< 0.559 U	< 0.565 U
Chromium, Trivalent	20.8	26.5	5.53

Location	SB04	SB04
Sample Name	SB04_0-2	SB04_10-12
Sample Date	9/21/2023	9/21/2023
Sample Depth	0-2'	10-12'
Semi-Volatile Organic Compounds		
Benzo(a)anthracene	0.0734 JD	< 0.0436 U
Benzo(a)pyrene	0.0633 JD	< 0.0436 U
Benzo(b)fluoranthene	0.0793 JD	< 0.0436 U
Benzo(k)fluoranthene	< 0.0456 U	< 0.0436 U
Chrysene	0.0625 JD	< 0.0436 U
Dibenzo(a,h)anthracene	< 0.0456 U	< 0.0436 U
Indeno(1,2,3-cd)pyrene	0.0458 JD	< 0.0436 U
Pesticides		
4,4'-DDD	< 0.0018 U	< 0.00173 U
4,4'-DDE	< 0.0018 U	< 0.00173 U
4,4'-DDT	< 0.0018 U	< 0.00173 U
Dieldrin	< 0.0018 U	< 0.00173 U
PCBs		
Total PCBs	< 0.0182 U	< 0.0174 U
Metals		
Arsenic	8.54	5.76
Cadmium	< 0.275 U	0.415
Copper	23.1	7.44
Lead	33.3	< 0.445 U
Selenium	2.92	**31.7**
Silver	< 0.463 U	< 0.449 U
Zinc	59	8.6
Mercury	0.0835	< 0.032 U
Chromium, Hexavalent	< 0.551 U	< 0.534 U
Chromium, Trivalent	16.6	6.45

Legend

- Approximate Site Boundary
- Soil Boring Location

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use-Residential SCOs
SVOCs		
Benzo(a)anthracene	1	1
Benzo(a)pyrene	1	1
Benzo(b)fluoranthene	1	1
Benzo(k)fluoranthene	0.8	3.9
Chrysene	1	3.9
Dibenzo(a,h)anthracene	0.33	0.33
Indeno(1,2,3-cd)pyrene	0.5	0.5
Pesticides		
4,4'-DDD	0.0033	13
4,4'-DDE	0.0033	8.9
4,4'-DDT	0.0033	7.9
Dieldrin	0.005	0.2
Metals		
Arsenic	13	16
Cadmium	2.5	4.3
Copper	50	270
Lead	63	400
Selenium	3.9	180
Silver	2	180
Zinc	109	10000
Mercury	0.18	0.81
Chromium, Hexavalent	1	110
Chromium, Trivalent	30	180

Exceedance Summary:

10 - Result exceeds NYSDEC Part 375 Unrestricted Use SCOs.
10 - Result exceeds NYSDEC Part 375 Restricted Use Restricted-Residential SCOs.
10 - Result exceeds NYSDEC Part 375 Restricted Use Commercial SCOs.

Notes:

1. Imagery provided through Langan's subscription to Nearmap.com, flown on 09/05/2023.
2. CAS - Chemical Abstract Service
3. NS - No standard
4. mg/kg = milligram per kilogram
5. NT - Not Tested
6. RL - Reporting Limit
7. <RL - Not detected
8. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

9. Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D = The concentration reported is a result of a diluted sample.
E = The result is estimated and cannot be accurately reported due to levels encountered or interferences.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

50 0 50
SCALE IN FEET

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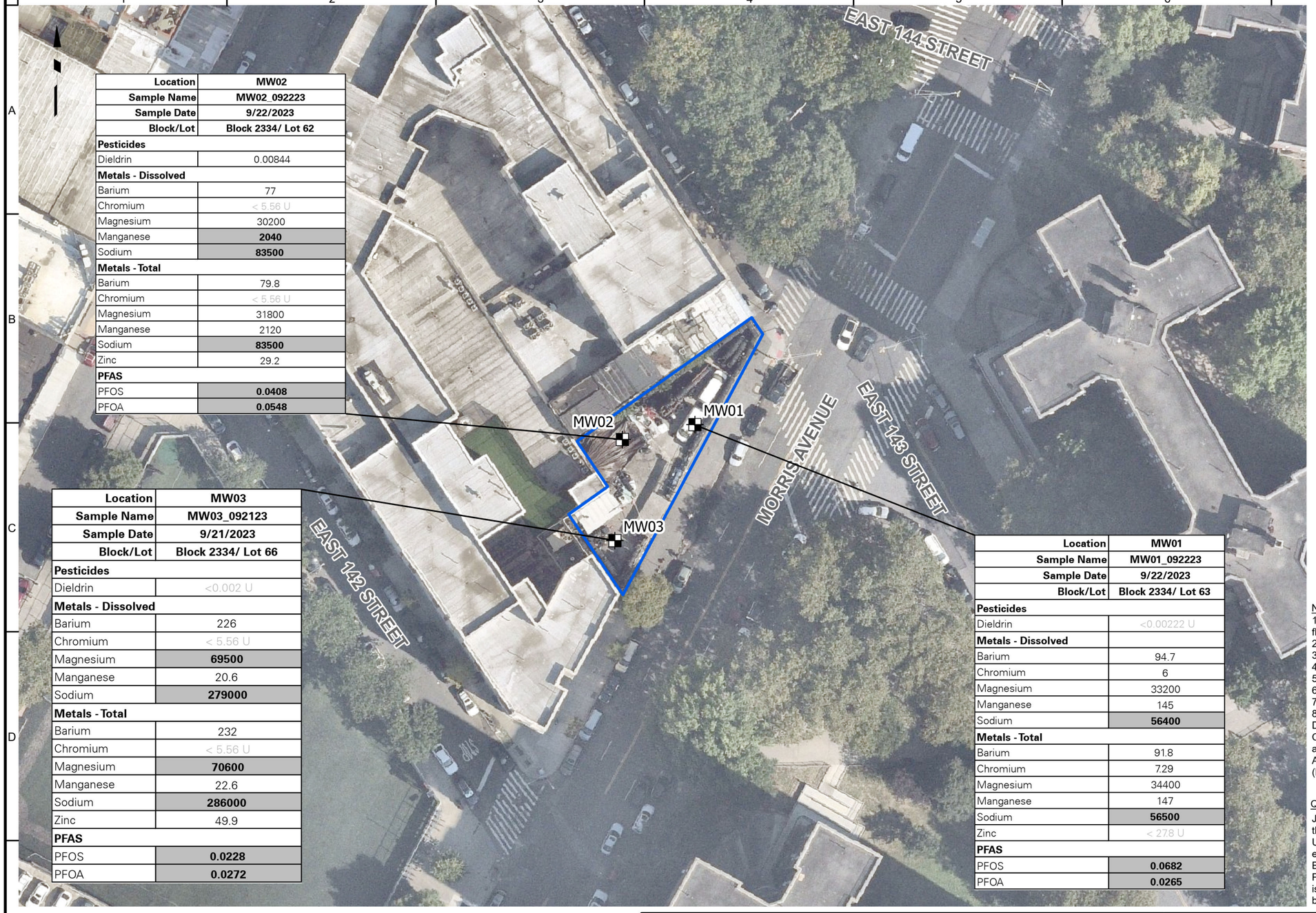
Project
383 MORRIS AVENUE
BLOCK No. 2334,
LOT Nos. 62, 63 and 66
BRONX NEW YORK

Figure Title
SOIL SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170790501	Figure No. 2
Date 11/16/2023	
Scale 1"=50'	
Drawn By PDT	

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Path: \\langan.com\data\NYC\data5\170790501\Project Data\ArcGIS\APRX\170790501\170790501_BCP_APP.aprx Date: 11/16/2023 User: pditillio Time: 11:28 AM



Location	MW02
Sample Name	MW02_092223
Sample Date	9/22/2023
Block/Lot	Block 2334/ Lot 62
Pesticides	
Dieldrin	0.00844
Metals - Dissolved	
Barium	77
Chromium	< 5.56 U
Magnesium	30200
Manganese	**2040**
Sodium	**83500**
Metals - Total	
Barium	79.8
Chromium	< 5.56 U
Magnesium	31800
Manganese	2120
Sodium	**83500**
Zinc	29.2
PFAS	
PFOS	**0.0408**
PFOA	**0.0548**

Location	MW03
Sample Name	MW03_092123
Sample Date	9/21/2023
Block/Lot	Block 2334/ Lot 66
Pesticides	
Dieldrin	<0.002 U
Metals - Dissolved	
Barium	226
Chromium	< 5.56 U
Magnesium	**69500**
Manganese	20.6
Sodium	**279000**
Metals - Total	
Barium	232
Chromium	< 5.56 U
Magnesium	**70600**
Manganese	22.6
Sodium	**286000**
Zinc	49.9
PFAS	
PFOS	**0.0228**
PFOA	**0.0272**

Location	MW01
Sample Name	MW01_092223
Sample Date	9/22/2023
Block/Lot	Block 2334/ Lot 63
Pesticides	
Dieldrin	<0.00222 U
Metals - Dissolved	
Barium	94.7
Chromium	6
Magnesium	33200
Manganese	145
Sodium	**56400**
Metals - Total	
Barium	91.8
Chromium	7.29
Magnesium	34400
Manganese	147
Sodium	**56500**
Zinc	< 27.8 U
PFAS	
PFOS	**0.0682**
PFOA	**0.0265**

Legend

- Groundwater Monitoring Well Location
- Approximate Site Boundary

Analtye	NYSDEC SGVs
Pesticides	
Dieldrin	0.004
Metals - Dissolved	
Barium	1000
Chromium	50
Magnesium	35000
Manganese	300
Sodium	20000
Metals - Total	
Barium	1000
Chromium	50
Magnesium	35000
Manganese	300
Sodium	20000
Zinc	2000
PFAS	
PFOS	0.0027
PFOA	0.0067

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Notes:
1. Imagery provided through Langan's subscription to Nearmap.com, flown on 09/05/2023.
2. CAS - Chemical Abstract Service
3. NS - No standard
4. ug/l = micrograms per liter
5. NA - Not Analyzed
6. RL - Reporting Limit
7. <RL - Not detected
8. Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.
P = this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis.

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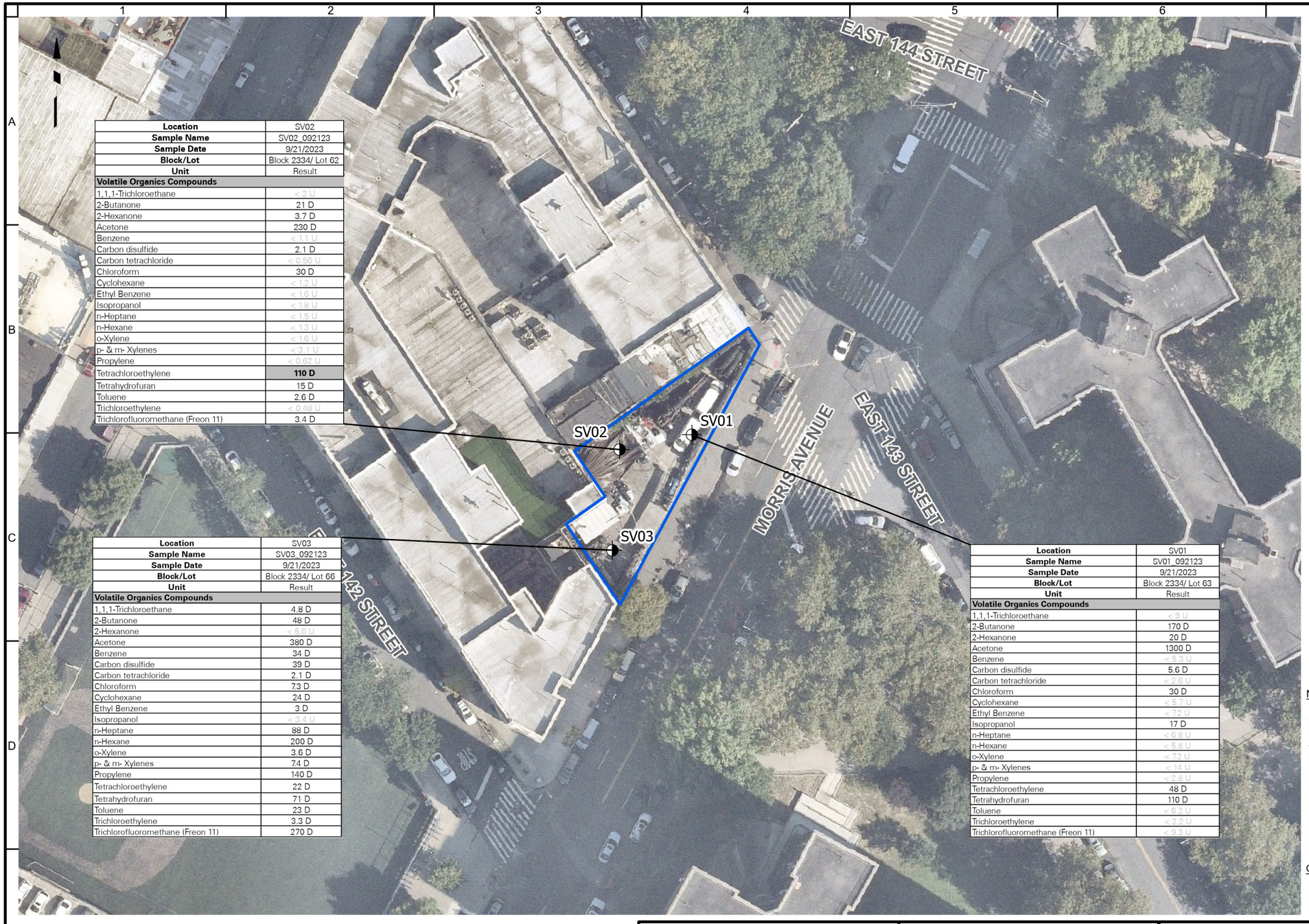
Project
383 MORRIS AVENUE
BLOCK No. 2334,
LOT Nos. 62, 63 and 66
BRONX NEW YORK

Figure Title
GROUNDWATER SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No. 170790501
Date 11/16/2023
Scale 1"=50'
Drawn By PDT
Figure No. 3

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Location	SV02
Sample Name	SV02_092123
Sample Date	9/21/2023
Block/Lot	Block 2334/ Lot 62
Unit	Result
Volatile Organics Compounds	
1,1,1-Trichloroethane	< 2 U
2-Butanone	21 D
2-Hexanone	3.7 D
Acetone	230 D
Benzene	< 1.1 U
Carbon disulfide	2.1 D
Carbon tetrachloride	< 0.56 U
Chloroform	30 D
Cyclohexane	< 1.2 U
Ethyl Benzene	< 1.6 U
Isopropanol	< 1.8 U
n-Heptane	< 1.5 U
n-Hexane	< 1.3 U
o-Xylene	< 1.6 U
p- & m- Xylenes	< 3.1 U
Propylene	< 0.62 U
Tetrachloroethylene	**110 D**
Tetrahydrofuran	15 D
Toluene	2.6 D
Trichloroethylene	< 0.48 U
Trichlorofluoromethane (Freon 11)	3.4 D

Location	SV03
Sample Name	SV03_092123
Sample Date	9/21/2023
Block/Lot	Block 2334/ Lot 66
Unit	Result
Volatile Organics Compounds	
1,1,1-Trichloroethane	4.8 D
2-Butanone	48 D
2-Hexanone	< 5.6 U
Acetone	380 D
Benzene	34 D
Carbon disulfide	39 D
Carbon tetrachloride	2.1 D
Chloroform	73 D
Cyclohexane	24 D
Ethyl Benzene	3 D
Isopropanol	< 3.4 U
n-Heptane	88 D
n-Hexane	200 D
o-Xylene	3.6 D
p- & m- Xylenes	74 D
Propylene	140 D
Tetrachloroethylene	22 D
Tetrahydrofuran	71 D
Toluene	23 D
Trichloroethylene	3.3 D
Trichlorofluoromethane (Freon 11)	270 D

Location	SV01
Sample Name	SV01_092123
Sample Date	9/21/2023
Block/Lot	Block 2334/ Lot 63
Unit	Result
Volatile Organics Compounds	
1,1,1-Trichloroethane	< 9 U
2-Butanone	170 D
2-Hexanone	20 D
Acetone	1300 D
Benzene	< 5.3 U
Carbon disulfide	5.6 D
Carbon tetrachloride	< 2.6 U
Chloroform	30 D
Cyclohexane	< 5.7 U
Ethyl Benzene	< 7.2 U
Isopropanol	17 D
n-Heptane	< 6.8 U
n-Hexane	< 5.8 U
o-Xylene	< 7.2 U
p- & m- Xylenes	< 14 U
Propylene	< 2.8 U
Tetrachloroethylene	48 D
Tetrahydrofuran	110 D
Toluene	< 6.2 U
Trichloroethylene	< 2.2 U
Trichlorofluoromethane (Freon 11)	< 9.3 U

Legend

- Soil Vapor Well Location
- Approximate Site Boundary

Exceedance Summary:

10 - Result exceeds NYSDOH Decision Matrices Minimum Concentrations

Notes:

1. AA = Ambient Air
2. SV = Soil Vapor
3. CAS - Chemical Abstract Service
4. NS - No standard
5. ug/m3 = micrograms per cubic meter
6. NA - Not Analyzed
7. RL - Reporting Limit
8. <RL - Not detected
9. Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Qualifiers:

D = The concentration reported is a result of a diluted sample.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

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Project
383 MORRIS AVENUE
BLOCK No. 2334,
LOT Nos. 62, 63 and 66
BRONX NEW YORK

Figure Title
SOIL VAPOR SAMPLE LOCATION AND ANALYTICAL RESULTS MAP

Project No.	170790501
Date	11/16/2023
Scale	1"=50'
Drawn By	PDT
Figure No.	4

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Tables

Table 1 – Soil Sample Analytical Results Summary
Table 2 – Groundwater Sample Analytical Results Summary
Table 3 – Soil Vapor Sample Analytical Results Summary

Table 1

Soil Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC PFAS Guidance Unrestricted	NYSDEC PFAS Guidance Restricted-Residential	Location Sample Name Sample Date Sample Depth Units	SB01 SB01_0-2 9/20/2023 0-2 mg/Kg		SB01 SB01_12-14 9/20/2023 12-14 mg/Kg		SB02 SB02_0-2 9/20/2023 0-2 mg/Kg		SB02 SB02_12-14 9/20/2023 12-14 mg/Kg		SB03 SB03_0-2 9/21/2023 0-2 mg/Kg		SB03 SB03_4-6 9/21/2023 4-6 mg/Kg		SB03 SB03_12-14 9/21/2023 12-14 mg/Kg		SB04 SB04_0-2 9/21/2023 0-2 mg/Kg		SB04 SB04_10-12 9/21/2023 10-12 mg/Kg		SB05 SB05_0-2 9/20/2023 0-2 mg/Kg		SB05 SB05_12-14 9/20/2023 12-14 mg/Kg		SB06 SB06_0-2 9/20/2023 0-2 mg/Kg		SB06 SB06_10-12 9/20/2023 10-12 mg/Kg		SODUP01 SODUP01_092123 9/21/2023 mg/Kg	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Volatile Organic Compounds																																				
1,1,1,2-Tetrachloroethane	630-20-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1,1-Trichloroethane	71-55-6	0.68	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	[illegible]	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1,2,2-Tetrachloroethane	79-34-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1,2-Trichloroethane	79-00-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1-Dichloroethane	75-34-3	0.27	26	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,1-Dichloroethylene	75-35-4	0.33	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2,3-Trichlorobenzene	87-61-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2,3-Trichloropropane	96-18-4	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2,4-Trimethylbenzene	95-63-6	3.6	52	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2-Dibromo-3-chloropropane	96-12-8	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2-Dibromoethane	106-93-4	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2-Dichlorobenzene	95-50-1	1.1	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2-Dichloroethane	107-06-2	0.02	3.1	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,2-Dichloropropane	78-87-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,3,5-Trimethylbenzene	108-67-8	8.4	52	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,3-Dichlorobenzene	541-73-1	2.4	49	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,4-Dichlorobenzene	106-46-7	1.8	13	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
1,4-Dioxane	123-91-1	0.1	13	~	~		0.048	U	0.048	U	0.05	U	0.048	U	0.054	U	0.082	U	0.16	U	0.053	U	0.044	U	0.047	U	0.049	U	0.083	U	0.044	U	0.066	U
2-Butanone	78-93-3	0.12	100	~	~		0.0091		0.0024	U	0.0033	J	0.0024	U	0.0027	U	0.0041	J	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
2-Hexanone	591-78-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
4-Methyl-2-pentanone	108-10-1	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Acetone	67-64-1	0.05	100	~	~		0.035		0.0048	U	0.0092	J	0.0048	U	0.012		0.031		0.016	U	0.0088	J	0.0044	U	0.0047	U	0.0087	J	0.042		0.0044	U	0.0066	U
Acrolein	107-02-8	~	~	~	~		0.0048	U	0.0048	U	0.005	U	0.0048	U	0.0054	U	0.0082	U	0.016	U	0.0053	U	0.0044	U	0.0047	U	0.0049	U	0.0083	U	0.0044	U	0.0066	U
Acrylonitrile	107-13-1	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Benzene	71-43-2	0.06	4.8	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Bromochloromethane	74-97-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Bromodichloromethane	75-27-4	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Bromoform	75-25-2	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Bromomethane	74-83-9	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Carbon disulfide	75-15-0	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Carbon tetrachloride	56-23-5	0.76	2.4	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Chlorobenzene	108-90-7	1.1	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Chloroethane	75-00-3	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Chloroform	67-66-3	0.37	49	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Chloromethane	74-87-3	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
cis-1,2-Dichloroethylene	156-59-2	0.25	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
cis-1,3-Dichloropropylene	10061-01-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Cyclohexane	110-82-7	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Dibromochloromethane	124-48-1	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Dibromomethane	74-95-3	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Dichlorodifluoromethane	75-71-8	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Ethyl Benzene	100-41-4	1	41	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Hexachlorobutadiene	87-68-3	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Isopropylbenzene	98-82-8	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Methyl acetate	79-20-9	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Methylcyclohexane	108-87-2	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Methylene chloride	75-09-2	0.05	100	~	~		0.0048	U	0.0048	U	0.005	U	0.0048	U	0.0054	U	0.0082	U	0.016	U	0.0053	U	0.0044	U	0.0047	U	0.0049	U	0.0083	U	0.0044	U	0.0066	U
n-Butylbenzene	104-51-8	12	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
n-Propylbenzene	103-65-1	3.9	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
o-Xylene	95-47-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
p- & m- Xylenes	179601-23-1	~	~	~	~		0.0048	U	0.0048	U	0.005	U	0.0048	U	0.0054	U	0.0082	U	0.016	U	0.0053	U	0.0044	U	0.0047	U	0.0049	U	0.0083	U	0.0044	U	0.0066	U
p-Isopropyltoluene	99-87-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
sec-Butylbenzene	135-98-8	11	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Styrene	100-42-5	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
tert-Butyl alcohol (TBA)	75-65-0	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
tert-Butylbenzene	98-06-6	5.9	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Tetrachloroethylene	127-18-4	1.3	19	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0035	J	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Toluene	108-88-3	0.7	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
trans-1,2-Dichloroethylene	156-60-5	0.19	100	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
trans-1,3-Dichloropropylene	10061-02-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
trans-1,4-dichloro-2-butene	110-57-6	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Trichloroethylene	79-01-6	0.47	21	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Trichlorofluoromethane	75-69-4	~	~	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Vinyl Chloride	75-01-4	0.02	0.9	~	~		0.0024	U	0.0024	U	0.0025	U	0.0024	U	0.0027	U	0.0041	U	0.0079	U	0.0026	U	0.0022	U	0.0024	U	0.0024	U	0.0042	U	0.0022	U	0.0033	U
Xylenes, Total	1330-20-7	0.26	100	~	~		0.0071	U	0.0072	U	0.0075	U	0.0073	U	0.008	U	0.012	U	0.024	U	0.0079	U	0.0067	U	0.0071	U	0.0073	U	0.013	U	0.0065	U	0.0099	U

Table 1

Soil Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC PFAS Guidance Unrestricted	NYSDEC PFAS Guidance Restricted-Residential	Location Sample Name Sample Date Sample Depth Units	SB01 SB01_0-2 9/20/2023 0-2 Result	Q	SB01 SB01_12-14 9/20/2023 12-14 Result	Q	SB02 SB02_0-2 9/20/2023 0-2 Result	Q	SB02 SB02_12-14 9/20/2023 12-14 Result	Q	SB03 SB03_0-2 9/21/2023 0-2 Result	Q	SB03 SB03_4-6 9/21/2023 4-6 Result	Q	SB03 SB03_12-14 9/21/2023 12-14 Result	Q	SB04 SB04_0-2 9/21/2023 0-2 Result	Q	SB04 SB04_10-12 9/21/2023 10-12 Result	Q	SB05 SB05_0-2 9/20/2023 0-2 Result	Q	SB05 SB05_12-14 9/20/2023 12-14 Result	Q	SB06 SB06_0-2 9/20/2023 0-2 Result	Q	SB06 SB06_10-12 9/20/2023 10-12 Result	Q	SODUP01 SODUP01_092123 9/21/2023 Result	Q
Semivolatile Organic Compounds																																						
1,4-Dioxane	123-91-1	0.1	13	~	~	mg/Kg	0.0196	U	0.0196	U	0.0194	U	0.0198	U	0.0196	U	0.0189	U	0.0189	U	0.0189	U	0.0189	U	0.0192	U	0.0198	U	0.0183	U	0.0194	U	0.019	U
1,1-Biphenyl	92-52-4	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.144	D	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
1,2,4-Trichlorobenzene	120-82-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
1,2-Dichlorobenzene	95-50-1	1.1	100	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
1,3-Dichlorobenzene	541-73-1	2.4	49	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
1,4-Dichlorobenzene	106-46-7	1.8	13	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
2,4,5-Trichlorophenol	95-95-4	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,4,6-Trichlorophenol	88-06-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,4-Dichlorophenol	120-83-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,4-Dimethylphenol	105-67-9	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,4-Dinitrophenol	51-28-5	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
2,4-Dinitrotoluene	121-14-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2,6-Dinitrotoluene	606-20-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2-Chloronaphthalene	91-58-7	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2-Chlorophenol	95-57-8	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2-Methylnaphthalene	91-57-6	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.566	D	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.186	D	0.0464	U	0.055	U
2-Methylphenol	95-48-7	0.33	100	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
2-Nitroaniline	88-74-4	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
2-Nitrophenol	88-75-5	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
3- & 4-Methylphenols	65794-96-9	0.33	100	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
3,3-Dichlorobenzidine	91-94-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
3-Nitroaniline	99-09-2	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
4,6-Dinitro-2-methylphenol	534-52-1	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
4-Bromophenyl phenyl ether	101-55-3	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
4-Chloro-3-methylphenol	59-50-7	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
4-Chloroaniline	106-47-8	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
4-Chlorophenyl phenyl ether	7005-72-3	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
4-Nitroaniline	100-01-6	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
4-Nitrophenol	100-02-7	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
Acenaphthene	83-32-9	20	100	~	~	mg/Kg	0.0903	JD	0.0419	U	0.0453	U	0.0433	U	0.0448	U	3.61	D	0.0466	U	0.0456	U	0.0436	U	0.148	D	0.049	U	0.0457	U	0.0464	U	0.055	U
Acenaphthylene	208-96-8	100	100	~	~	mg/Kg	0.113	D	0.0419	U	0.06	JD	0.0433	U	0.0448	U	0.302	D	0.0466	U	0.0456	U	0.0436	U	0.0986	D	0.049	U	0.0457	U	0.0464	U	0.055	U
Acetophenone	98-86-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0507	JD	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Aniline	62-53-3	~	~	~	~	mg/Kg	0.187	U	0.167	U	0.181	U	0.173	U	0.179	U	0.186	U	0.186	U	0.182	U	0.174	U	0.187	U	0.196	U	0.183	U	0.185	U	0.22	U
Anthracene	120-12-7	100	100	~	~	mg/Kg	0.253	D	0.0419	U	0.0939	D	0.0433	U	0.0564	JD	4.63	D	0.0466	U	0.0456	U	0.0436	U	0.273	D	0.049	U	0.0729	JD	0.0464	U	0.055	U
Atrazine	1912-24-9	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Benzaldehyde	100-52-7	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Benzidine	92-87-5	~	~	~	~	mg/Kg	0.187	U	0.167	U	0.181	U	0.173	U	0.179	U	0.186	U	0.186	U	0.182	U	0.174	U	0.187	U	0.196	U	0.183	U	0.185	U	0.22	U
Benzo(a)anthracene	56-55-3	1	1	~	~	mg/Kg	**1.07**	D	0.0419	U	0.469	D	0.0433	U	0.186	D	**11**	D	0.0841	JD	0.0734	JD	0.0436	U	**1.04**	D	0.049	U	0.321	D	0.0464	U	0.055	U
Benzo(a)pyrene	50-32-8	1	1	~	~	mg/Kg	**1.11**	D	0.0419	U	0.473	D	0.0433	U	0.173	D	**9.68**	D	0.0818	JD	0.0633	JD	0.0436	U	**1.09**	D	0.049	U	0.364	D	0.0464	U	0.055	U
Benzo(b)fluoranthene	205-99-2	1	1	~	~	mg/Kg	**1.39**	D	0.0419	U	0.671	D	0.0433	U	0.218	D	**13.2**	D	0.1	D	0.0793	JD	0.0436	U	**1.42**	D	0.049	U	0.485	D	0.0464	U	0.055	U
Benzo(g,h,i)perylene	191-24-2	100	100	~	~	mg/Kg	0.691	D	0.0419	U	0.356	D	0.0433	U	0.107	D	6.32	D	0.0469	JD	0.0456	U	0.0436	U	0.731	D	0.049	U	0.256	D	0.0464	U	0.055	U
Benzo(k)fluoranthene	207-08-9	0.8	3.9	~	~	mg/Kg	0.552	D	0.0419	U	0.253	D	0.0433	U	0.0935	D	**5.01**	D	0.0466	U	0.0456	U	0.0436	U	0.538	D	0.049	U	0.159	D	0.0464	U	0.055	U
Benzoic acid	65-85-0	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Benzyl alcohol	100-51-6	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Benzyl butyl phthalate	85-68-7	~	~	~	~	mg/Kg	0.223	D	0.0419	U	0.0795	JD	0.0433	U	0.0793	JD	0.391	D	0.0466	U	0.0456	U	0.0436	U	0.0867	JD	0.049	U	0.0457	U	0.0464	U	0.055	U
Bis(2-chloroethoxy)methane	111-91-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Bis(2-chloroethyl)ether	111-44-4	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Bis(2-chloroisopropyl)ether	108-60-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	~	~	mg/Kg	0.383	D	0.0419	U	0.382	D	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.669	D	0.0436	U	0.0468	U	0.049	U	0.194	D	0.0464	U	0.055	U
Caprolactam	105-60-2	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
Carbazole	86-74-8	~	~	~	~	mg/Kg	0.116	D	0.0419	U	0.0506	JD	0.0433	U	0.0448	U	2.53	D	0.0466	U	0.0456	U	0.0436	U	0.151	D	0.049	U	0.0457	U	0.0464	U	0.055	U
Chrysene	218-01-9	1	3.9	~	~	mg/Kg	**1.12**	D	0.0419	U	0.509	D	0.0433	U	0.186	D	**10.6**	D	0.0774	JD	0.0625	JD	0.0436	U	**1.05**	D	0.049	U	0.323	D	0.0464	U	0.055	U
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	~	~	mg/Kg	0.119	D	0.0419	U	0.0686	JD	0.0433	U	0.0448	U	**1.95**	D	0.0466	U	0.0456	U	0.0436	U	0.134	D	0.049	U	0.0605	JD	0.0464	U	0.055	U
Dibenzofuran	132-64-9	7	59	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	1.65	D	0.0466	U	0.0456	U	0.0436	U	0.0545	JD	0.049	U	0.0457	U	0.0464	U	0.055	U
Diethyl phthalate	84-66-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Dimethyl phthalate	131-11-3	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0637	JD	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Di-n-butyl phthalate	84-74-2	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Di-n-octyl phthalate	117-84-0	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Diphenylamine	122-39-4	~	~	~	~	mg/Kg	0.0934	U	0.0835	U	0.0904	U	0.0864	U	0.0893	U	0.0927	U	0.0931	U	0.091	U	0.0871	U	0.0935	U	0.0977	U	0.0912	U	0.0926	U	0.11	U
Fluoranthene	206-44-0	100	100	~	~	mg/Kg	2.35	D	0.0419	U	0.987	D	0.0433	U	0.435	D	25.2	D	0.211	D	0.154	D	0.0436	U	2.28	D	0.0656	JD	0.65	D	0.0464	U	0.055	U
Fluorene	86-73-7	30	100	~	~	mg/Kg	0.0769	JD	0.0419	U	0.0453	U	0.0433	U	0.0448	U	2.67	D	0.0466	U	0.0456	U	0.0436	U	0.0964	D	0.049	U	0.0457	U	0.0464	U	0.055	U
Hexachlorobenzene	118-74-1	0.33	1.2	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Hexachlorobutadiene	87-68-3	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Hexachlorocyclopentadiene	77-47-4	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Hexachloroethane	67-72-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	~	~	mg/Kg	**0.804**	D	0.0419	U	0.399	D	0.0433	U	0.113	D	**7.61**	D	0.0551	JD	0.0458	JD	0.0436	U	**0.816**	D	0.049	U	0.281	D	0.0464	U	0.055	U
Isophorone	78-59-1	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.215	D	0.049	U	0.0457	U	0.0464	U	0.055	U
Naphthalene	91-20-3	12	100	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	1.36	D	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0955	D	0.0464	U	0.055	U
Nitrobenzene	98-95-3	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
N-Nitrosodimethylamine	62-75-9	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
N-nitroso-di-n-propylamine	621-64-7	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
N-Nitrosodiphenylamine	86-30-6	~	~	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Pentachlorophenol	87-86-5	0.8	6.7	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Phenanthrene	85-01-8	100	100	~	~	mg/Kg	1.08	D	0.0419	U	0.464	D	0.0433	U	0.265	D	19.6	D	0.155	D	0.0647	JD	0.0436	U	1.18	D	0.0562	JD	0.225	D	0.0464	U	0.055	U
Phenol	108-95-2	0.33	100	~	~	mg/Kg	0.0468	U	0.0419	U	0.0453	U	0.0433	U	0.0448	U	0.0465	U	0.0466	U	0.0456	U	0.0436	U	0.0468	U	0.049	U	0.0457	U	0.0464	U	0.055	U
Pyrene	129-00-0	100	100	~	~	mg/Kg	1.74	D	0.0419	U	0.843	D	0.0433	U	0.33	D	20.7	D	0.145	D	0.121	D	0.0436	U	1.79	D	0.049	U	0.545	D	0.0464	U	0.055	U

Table 1

Soil Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC PFAS Guidance Unrestricted	NYSDEC PFAS Guidance Restricted-Residential	Location Sample Name Sample Date Sample Depth Units	SB01 SB01_0-2 9/20/2023 0-2 mg/Kg		SB01 SB01_12-14 9/20/2023 12-14 mg/Kg		SB02 SB02_0-2 9/20/2023 0-2 mg/Kg		SB02 SB02_12-14 9/20/2023 12-14 mg/Kg		SB03 SB03_0-2 9/21/2023 0-2 mg/Kg		SB03 SB03_4-6 9/21/2023 4-6 mg/Kg		SB03 SB03_12-14 9/21/2023 12-14 mg/Kg		SB04 SB04_0-2 9/21/2023 0-2 mg/Kg		SB04 SB04_10-12 9/21/2023 10-12 mg/Kg		SB05 SB05_0-2 9/20/2023 0-2 mg/Kg		SB05 SB05_12-14 9/20/2023 12-14 mg/Kg		SB06 SB06_0-2 9/20/2023 0-2 mg/Kg		SB06 SB06_10-12 9/20/2023 10-12 mg/Kg		SODUP01 SODUP01_092123 9/21/2023 mg/Kg	
							Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Herbicides																																		
2,4,5-T	93-76-5	~	~	~	~	mg/Kg	0.0223	U	0.0201	U	0.0223	U	0.0213	U	0.0218	U	0.0218	U	0.022	U	0.0217	U	0.0208	U	0.0219	U	0.0232	U	0.0222	U	0.0221	U	0.0259	U
2,4,5-TP (Silvex)	93-72-1	3.8	100	~	~	mg/Kg	0.0223	U	0.0201	U	0.0223	U	0.0213	U	0.0218	U	0.0218	U	0.022	U	0.0217	U	0.0208	U	0.0219	U	0.0232	U	0.0222	U	0.0221	U	0.0259	U
2,4-D	94-75-7	~	~	~	~	mg/Kg	0.0223	U	0.0201	U	0.0223	U	0.0213	U	0.0218	U	0.0218	U	0.022	U	0.0217	U	0.0208	U	0.0219	U	0.0232	U	0.0222	U	0.0221	U	0.0259	U
Pesticides																																		
4,4'-DDD	72-54-8	0.0033	13	~	~	mg/Kg	NT		0.00163	U	0.00182	U	0.00174	U	0.00178	U	**0.00343**	D	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	**0.00606**	D	0.00184	U	0.00214	U
4,4'-DDD [2C]	72-54-8	~	~	~	~	mg/Kg	0.00185	UP	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
4,4'-DDE	72-55-9	0.0033	8.9	~	~	mg/Kg	0.00285	DP	0.00163	U	0.003	D	0.00205	D	0.00178	U	**0.00373**	D	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	**0.0062**	D	0.00184	U	0.00214	U
4,4'-DDT	50-29-3	0.0033	7.9	~	~	mg/Kg	**0.0212**	D	0.00163	U	**0.0226**	D	**0.00347**	D	0.00178	U	**0.0163**	D	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	**0.0492**	D	0.00184	U	0.00214	U
Aldrin	309-00-2	0.005	0.097	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
alpha-BHC	319-84-6	0.02	0.48	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
beta-BHC	319-85-7	0.036	0.36	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Chlordane, total	57-74-9	~	~	~	~	mg/Kg	0.037	U	0.0326	U	0.0364	U	0.0348	U	0.0356	U	0.0367	U	0.0366	U	0.036	U	0.0346	U	0.037	U	0.0385	U	0.0361	U	0.0367	U	0.0428	U
delta-BHC	319-86-8	0.04	100	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Dieldrin	60-57-1	0.005	0.2	~	~	mg/Kg	0.00185	U	0.00163	U	**0.00636**	D	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endosulfan I	959-98-8	2.4	24	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endosulfan II	33213-65-9	2.4	24	~	~	mg/Kg	0.00185	UP	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endosulfan sulfate	1031-07-8	2.4	24	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endrin	72-20-8	0.014	11	~	~	mg/Kg	NT		0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endrin [2C]	72-20-8	~	~	~	~	mg/Kg	0.00252	D	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Endrin aldehyde	7421-93-4	~	~	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Endrin ketone	53494-70-5	~	~	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
gamma-BHC (Lindane)	58-89-9	0.1	1.3	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Heptachlor	76-44-8	0.042	2.1	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Heptachlor epoxide	1024-57-3	~	~	~	~	mg/Kg	0.00185	U	0.00163	U	0.00182	U	0.00174	U	0.00178	U	0.00183	U	0.00183	U	0.0018	U	0.00173	U	0.00185	U	0.00193	U	0.0018	U	0.00184	U	0.00214	U
Methoxychlor	72-43-5	~	~	~	~	mg/Kg	0.00924	U	0.00816	U	0.00909	U	0.00869	U	0.00889	U	0.00917	U	0.00915	U	0.009	U	0.00864	U	0.00924	U	0.00964	U	0.0184	D	0.00919	U	0.0107	U
Toxaphene	8001-35-2	~	~	~	~	mg/Kg	0.0935	U	0.0826	U	0.092	U	0.088	U	0.09	U	0.0928	U	0.0926	U	0.0911	U	0.0874	U	0.0936	U	0.0975	U	0.0913	U	0.093	U	0.108	U
Polychlorinated Biphenyls (PCB)																																		
Aroclor 1016	12674-11-2	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1221	11104-28-2	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1232	11141-16-5	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1242	53469-21-9	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.118		0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1248	12672-29-6	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1254	11097-69-1	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Aroclor 1260	11096-82-5	~	~	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	0.0175	U	0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Total PCBs	1336-36-3	0.1	1	~	~	mg/Kg	0.0187	U	0.0165	U	0.0184	U	**0.118**		0.018	U	0.0185	U	0.0185	U	0.0182	U	0.0174	U	0.0187	U	0.0195	U	0.0182	U	0.0186	U	0.0216	U
Inorganics/Metals																																		
Aluminum	7429-90-5	~	~	~	~	mg/Kg	12300		1450		10900		2320		9450		9010		3830		9290		8390		19100		3680		9240		3330		9780	
Antimony	7440-36-0	~	~	~	~	mg/Kg	3.94		2.11	U	2.33	U	2.22	U	2.28	U	2.33	U	2.36	U	2.29	U	2.23	U	11.3		2.47	U	2.31	U	2.33	U	2.75	U
Arsenic	7440-38-2	13	16	~	~	mg/Kg	8.47		3.96		9.92		5.18		7.26		**13.1**		6.29		8.54		5.76		**17.5**		6.69		11		5.74		5.63	
Barium	7440-39-3	350	400	~	~	mg/Kg	154		7.39		188		12.1		76.8		280		30.1		77.9		10.3		74.4		34		158		18.1		17.6	
Beryllium	7440-41-7	7.2	72	~	~	mg/Kg	0.047	U	0.3		0.3		0.273		0.046	U	0.047	U	0.657		0.046	U	0.833		0.322		0.282		0.047	U	0.254		1.25	
Cadmium	7440-43-9	2.5	4.3	~	~	mg/Kg	0.532		0.254	U	1.3		0.266	U	0.274	U	1.02		0.283	U	0.275	U	0.415		0.281	U	0.297	U	**4.52**		0.279	U	0.507	
Calcium	7440-70-2	~	~	~	~	mg/Kg	39500		204000		73700		192000		46600	B	55400	B	163000	B	64800	B	202000	B	1360		175000		58100		128000		218000	B
Chromium	7440-47-3	~	~	~	~	mg/Kg	24.2		1.33		15.6		2.78		20.8		26.5		5.53		16.6		6.45		27.4		7.52		36.8		5.24		8.47	
Chromium, Hexavalent	18540-29-9	1	110	~	~	mg/Kg	0.562	U	0.508	U	**1.34**		0.532	U	0.548	U	0.559	U	0.565	U	0.551	U	0.534	U	0.944		0.594	U	**2.92**		0.559	U	0.66	U
Chromium, Trivalent	16065-83-1	30	180	~	~	mg/Kg	24.2		1.33		14.4		2.78		20.8		26.5		5.53		16.6		6.45		26.6		7.52		**34.2**		5.24		8.47	
Cobalt	7440-48-4	~	~	~	~	mg/Kg	10.7		1.72		6.32		2.31		9.17		7.3		3.48		6.71		2.39		15.3		3.32		9.15		3.37		3.84	
Copper	7440-50-8	50	270	~	~	mg/Kg	38		1.69	U	29.6		6.9		**53.9**		**75.7**		7.35		23.1		7.44		26		8.19		45.3		5.28		9.23	
Cyanide, total	57-12-5	27	27	~	~	mg/Kg	0.562	U	0.508	U	0.558	U	0.532	U	0.548	U	0.559	U	0.565	U	0.551	U	0.534	U	0.562	U	0.594	U	7.2		0.559	U	0.66	U
Iron	7439-89-6	~	~	~	~	mg/Kg	20400		3070		14700		3280		14600		20000		7320		12800		5690		35700		6000		17200		5170		7670	
Lead	7439-92-1	63	400	~	~	mg/Kg	**173**		0.423	U	**304**		3.79		48.6		**319**		9.8		33.3		0.445	U	30.7		11.4		**295**		3.31		1.38	
Magnesium	7439-95-4	~	~	~	~	mg/Kg	16600		124000		29600		114000		22400		12600		106000		18700		102000		6060		103000		11400		73500		117000	
Manganese	7439-96-5	1600	2000	~	~	mg/Kg	310		313		359		212		303		414		456		235		407		1120		384		481		213		558	
Mercury	7439-97-6	0.18	0.81	~	~	mg/Kg	**0.994**		0.0305	U	**0.767**		0.0319	U	0.07		0.145		0.0339	U	0.0835		0.032	U	**0.379**		0.059		**1.3**		0.0335	U	0.0396	U
Nickel	7440-02-0	30	310	~	~	mg/Kg	20.7		0.842	U	17.5		1.97		21.4		16.7		1.87		12.7		0.887	U	26.3		4.66		22.2		3.79		1.1	U
Potassium	7440-09-7	~	~	~	~	mg/Kg	4070		35		1720		212		2780		1550		413		2600		99		1690		714		1830		511		318	
Selenium	7782-49-2	3.9	180	~	~	mg/Kg	2.34	U	**36**		3.49		**38.3**		2.47		2.33	U	**30.4**		2.92		**31.7**		2.34	U	**34.9**		2.31	U	**32.4**		**35**	
Silver	7440-22-4	2	180	~	~	mg/Kg	0.472	U	**2.04**		0.469	U	1.06		0.46	U	0.47	U	0.475	U	0.463	U	0.449	U	0.472	U	0.499	U	0.465	U	0.469	U	0.554	U
Sodium	7440-23-5	~	~	~	~	mg/Kg	288		79.8		628		79.7		272		288		152		329		150		304		192		317		46.6	U	151	
Thallium	7440-28-0	~	~	~	~	mg/Kg	2.94		2.11	U	2.33	U	2.22	U	2.28	U	3.97		2.36	U	2.29	U	2.23	U	16		2.47	U	3.37		2.33	U	2.75	U
Vanadium	7440-62-2	~	~	~	~	mg/Kg	36.9		2.21		23.6		5.42		27.1		34.5		10.4		25.9		9.35		38.5		10		25.3		6.87		11	
Zinc	7440-66-6	109	10000	~	~	mg/Kg	**159**		3.53		**269**		15.2		63.3		**310**		26.3		59		8.6		61.5		27.5		**589**		18.1		12.1	

Table 1

Soil Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC PFAS Guidance Unrestricted	NYSDEC PFAS Guidance Restricted-Residential	Location Sample Name Sample Date Sample Depth Units	SB01 SB01_0-2 9/20/2023 0-2 Result	Q	SB01 SB01_12-14 9/20/2023 12-14 Result	Q	SB02 SB02_0-2 9/20/2023 0-2 Result	Q	SB02 SB02_12-14 9/20/2023 12-14 Result	Q	SB03 SB03_0-2 9/21/2023 0-2 Result	Q	SB03 SB03_4-6 9/21/2023 4-6 Result	Q	SB03 SB03_12-14 9/21/2023 12-14 Result	Q	SB04 SB04_0-2 9/21/2023 0-2 Result	Q	SB04 SB04_10-12 9/21/2023 10-12 Result	Q	SB05 SB05_0-2 9/20/2023 0-2 Result	Q	SB05 SB05_12-14 9/20/2023 12-14 Result	Q	SB06 SB06_0-2 9/20/2023 0-2 Result	Q	SB06 SB06_10-12 9/20/2023 10-12 Result	Q	SODUP01 SODUP01_092123 9/21/2023 Result	Q
PFAS 40-List																																
11CL-PF3OUdS	763051-92-9	~	~	~	~	ug/kg	NT		NT		NT		NT		0.339	U	NT		NT		NT		NT		NT		NT		NT		NT	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.823	U	NT		NT		NT		NT		NT		NT		NT		NT	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.648	U	NT		NT		NT		NT		NT		NT		NT		NT	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	~	~	~	ug/kg	NT		NT		NT		NT		0.648	U	NT		NT		NT		NT		NT		NT		NT		NT	
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	~	~	~	ug/kg	NT		NT		NT		NT		1.63	U	NT		NT		NT		NT		NT		NT		NT		NT	
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	~	~	~	ug/kg	NT		NT		NT		NT		2.29	U	NT		NT		NT		NT		NT		NT		NT		NT	
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	~	~	~	ug/kg	NT		NT		NT		NT		0.691	U	NT		NT		NT		NT		NT		NT		NT		NT	
9CL-PF3ONS	756426-58-1	~	~	~	~	ug/kg	NT		NT		NT		NT		0.268	U	NT		NT		NT		NT		NT		NT		NT		NT	
ADONA	919005-14-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.19	U	NT		NT		NT		NT		NT		NT		NT		NT	
HFPO-DA (Gen-X)	13252-13-6	~	~	~	~	ug/kg	NT		NT		NT		NT		0.662	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-EtFOSA	4151-50-2	~	~	~	~	ug/kg	NT		NT		NT		NT		0.216	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-EtFOSAA	2991-50-6	~	~	~	~	ug/kg	NT		NT		NT		NT		0.211	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-EtFOSE	1691-99-2	~	~	~	~	ug/kg	NT		NT		NT		NT		0.759	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-MeFOSA	31506-32-8	~	~	~	~	ug/kg	NT		NT		NT		NT		0.196	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-MeFOSAA	2355-31-9	~	~	~	~	ug/kg	NT		NT		NT		NT		0.161	U	NT		NT		NT		NT		NT		NT		NT		NT	
N-MeFOSE	24448-09-7	~	~	~	~	ug/kg	NT		NT		NT		NT		0.666	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	~	~	~	ug/kg	NT		NT		NT		NT		0.151	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	~	~	~	ug/kg	NT		NT		NT		NT		0.208	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	~	~	~	ug/kg	NT		NT		NT		NT		0.169	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	~	~	~	ug/kg	NT		NT		NT		NT		0.135	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	~	~	~	ug/kg	NT		NT		NT		NT		0.159	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.171	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	~	~	~	ug/kg	NT		NT		NT		NT		0.21	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	~	~	~	ug/kg	NT		NT		NT		NT		0.0675	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	~	~	~	ug/kg	NT		NT		NT		NT		0.105	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	~	~	~	ug/kg	NT		NT		NT		NT		0.121	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorodecanoic acid (PFDA)	335-76-2	~	~	~	~	ug/kg	NT		NT		NT		NT		0.208	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	~	~	~	ug/kg	NT		NT		NT		NT		0.184	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorododecanoic acid (PFDoA)	307-55-1	~	~	~	~	ug/kg	NT		NT		NT		NT		0.178	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	~	~	~	ug/kg	NT		NT		NT		NT		0.114	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.195	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.0577	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	~	~	~	ug/kg	NT		NT		NT		NT		0.119	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorononanoic acid (PFNA)	375-95-1	~	~	~	~	ug/kg	NT		NT		NT		NT		0.206	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	~	~	0.88	44	ug/kg	NT		NT		NT		NT		0.342		NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorooctanoic acid (PFOA)	335-67-1	~	~	0.66	33	ug/kg	NT		NT		NT		NT		0.187	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	~	~	~	ug/kg	NT		NT		NT		NT		0.119	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	~	~	~	ug/kg	NT		NT		NT		NT		0.112	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	~	~	~	ug/kg	NT		NT		NT		NT		0.136	U	NT		NT		NT		NT		NT		NT		NT		NT	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	~	~	~	ug/kg	NT		NT		NT		NT		0.216	U	NT		NT		NT		NT		NT		NT		NT		NT	

Table 1

Soil Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg = milligram per kilogram
NT - Not Tested
RL - Reporting Limit
<RL - Not detected
P=this flag is used for pesticide and PCB (Aroclor) target compounds when there is a % difference for detected concentrations that exceed method dictated limits between the two GC columns used for analysis

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
D = The concentration reported is a result of a diluted sample.
J = The analyte was detected above the Method Detection Limit (MDL), but below the RL; therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Exceedance Summary:
10 - Result exceeds NYSDEC Part 375 Unrestricted Use SCOs.
10 - Result exceeds NYSDEC Part 375 Restricted Use Restricted-Residential SCOs.

Table 2

Groundwater Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Compound	CAS Number	NYSDEC TOGS Standards and Guidance Values - GA	Location Sample Name Sample Date Block/Lot Unit	MW01 MW01_092223 9/22/2023 Block 2334/Lot 63		MW02 MW02_092223 9/22/2023 Block 2334/Lot 62		MW03 MW03_092123 9/21/2023 Block 2334/Lot 66	
				Result	Q	Result	Q	Result	Q
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	µg/L	0.2	U	0.2	U	0.2	U
1,1,1-Trichloroethane	71-55-6	5	µg/L	0.2	U	0.2	U	0.2	U
1,1,2,2-Tetrachloroethane	79-34-5	5	µg/L	0.2	U	0.2	U	0.2	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	5	µg/L	0.2	U	0.2	U	0.2	U
1,1,2-Trichloroethane	79-00-5	1	µg/L	0.2	U	0.2	U	0.2	U
1,1-Dichloroethane	75-34-3	5	µg/L	0.2	U	0.2	U	0.2	U
1,1-Dichloroethylene	75-35-4	5	µg/L	0.2	U	0.2	U	0.2	U
1,2,3-Trichlorobenzene	87-61-6	5	µg/L	0.2	U	0.2	U	0.2	U
1,2,3-Trichloropropane	96-18-4	0.04	µg/L	0.2	U	0.2	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	5	µg/L	0.2	U	0.2	U	0.2	U
1,2,4-Trimethylbenzene	95-63-6	5	µg/L	0.2	U	0.2	U	0.2	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	µg/L	0.2	U	0.2	U	0.2	U
1,2-Dibromoethane	106-93-4	0.0006	µg/L	0.2	U	0.2	U	0.2	U
1,2-Dichlorobenzene	95-50-1	3	µg/L	0.2	U	0.2	U	0.2	U
1,2-Dichloroethane	107-06-2	0.6	µg/L	0.2	U	0.2	U	0.2	U
1,2-Dichloropropane	78-87-5	1	µg/L	0.2	U	0.2	U	0.2	U
1,3,5-Trimethylbenzene	108-67-8	5	µg/L	0.2	U	0.2	U	0.2	U
1,3-Dichlorobenzene	541-73-1	3	µg/L	0.2	U	0.2	U	0.2	U
1,4-Dichlorobenzene	106-46-7	3	µg/L	0.2	U	0.2	U	0.2	U
1,4-Dioxane	123-91-1	0.35	µg/L	40	U	40	U	40	U
2-Butanone	78-93-3	50	µg/L	0.2	U	0.2	U	0.2	U
2-Hexanone	591-78-6	50	µg/L	0.2	U	0.2	U	0.2	U
4-Methyl-2-pentanone	108-10-1	~	µg/L	0.2	U	0.2	U	0.2	U
Acetone	67-64-1	50	µg/L	3.4	B	2.7	B	2.8	B
Acrolein	107-02-8	~	µg/L	0.2	U	0.2	U	0.2	U
Acrylonitrile	107-13-1	~	µg/L	0.2	U	0.2	U	0.2	U
Benzene	71-43-2	1	µg/L	0.2	U	0.2	U	0.2	U
Bromochloromethane	74-97-5	5	µg/L	0.2	U	0.2	U	0.2	U
Bromodichloromethane	75-27-4	50	µg/L	0.2	U	0.2	U	0.2	U
Bromoform	75-25-2	50	µg/L	0.2	U	0.2	U	0.2	U
Bromomethane	74-83-9	5	µg/L	0.2	U	0.2	U	0.2	U
Carbon disulfide	75-15-0	~	µg/L	0.2	U	0.2	U	0.2	U
Carbon tetrachloride	56-23-5	5	µg/L	0.2	U	0.2	U	0.2	U
Chlorobenzene	108-90-7	5	µg/L	0.2	U	0.2	U	0.2	U
Chloroethane	75-00-3	5	µg/L	0.2	U	0.2	U	0.2	U
Chloroform	67-66-3	7	µg/L	0.2	U	0.2	U	0.77	
Chloromethane	74-87-3	5	µg/L	0.2	U	0.2	U	0.2	U
cis-1,2-Dichloroethylene	156-59-2	5	µg/L	0.2	U	0.2	U	0.31	J
cis-1,3-Dichloropropylene	10061-01-5	0.4	µg/L	0.2	U	0.2	U	0.2	U
Cyclohexane	110-82-7	~	µg/L	0.2	U	0.2	U	0.2	U
Dibromochloromethane	124-48-1	50	µg/L	0.2	U	0.2	U	0.2	U
Dibromomethane	74-95-3	~	µg/L	0.2	U	0.2	U	0.2	U
Dichlorodifluoromethane	75-71-8	5	µg/L	0.2	U	0.2	U	0.2	U
Ethyl Benzene	100-41-4	5	µg/L	0.2	U	0.2	U	0.2	U
Hexachlorobutadiene	87-68-3	0.5	µg/L	0.2	U	0.2	U	0.2	U
Isopropylbenzene	98-82-8	5	µg/L	0.2	U	0.2	U	0.2	U
Methyl acetate	79-20-9	~	µg/L	0.2	U	0.2	U	0.2	U
Methyl tert-butyl ether (MTBE)	1634-04-4	10	µg/L	0.2	U	0.2	U	0.2	U
Methylcyclohexane	108-87-2	~	µg/L	0.2	U	0.2	U	0.2	U
Methylene chloride	75-09-2	5	µg/L	1	U	1	U	1	U
n-Butylbenzene	104-51-8	5	µg/L	0.2	U	0.2	U	0.2	U
n-Propylbenzene	103-65-1	5	µg/L	0.2	U	0.2	U	0.2	U
o-Xylene	95-47-6	5	µg/L	0.2	U	0.2	U	0.2	U
p- & m- Xylenes	179601-23-1	~	µg/L	0.5	U	0.5	U	0.5	U
p-Isopropyltoluene	99-87-6	5	µg/L	0.2	U	0.2	U	0.2	U
sec-Butylbenzene	135-98-8	5	µg/L	0.2	U	0.45	J	0.2	U
Styrene	100-42-5	5	µg/L	0.2	U	0.2	U	0.2	U
tert-Butyl alcohol (TBA)	75-65-0	~	µg/L	0.5	U	0.5	U	0.5	U
tert-Butylbenzene	98-06-6	5	µg/L	0.2	U	0.2	U	0.2	U
Tetrachloroethylene	127-18-4	5	µg/L	0.2	U	0.2	U	1.7	
Toluene	108-88-3	5	µg/L	0.2	U	0.2	U	0.2	U
trans-1,2-Dichloroethylene	156-60-5	5	µg/L	0.2	U	0.2	U	0.2	U
trans-1,3-Dichloropropylene	10061-02-6	0.4	µg/L	0.2	U	0.2	U	0.2	U
trans-1,4-dichloro-2-butene	110-57-6	~	µg/L	0.2	U	0.2	U	0.2	U
Trichloroethylene	79-01-6	5	µg/L	0.2	U	0.2	U	1.3	
Trichlorofluoromethane	75-69-4	5	µg/L	0.2	U	0.2	U	0.2	U
Vinyl Chloride	75-01-4	2	µg/L	0.2	U	0.2	U	0.2	U
Xylenes, Total	1330-20-7	5	µg/L	0.6	U	0.6	U	0.6	U

Table 2

Groundwater Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Compound	CAS Number	NYSDEC TOGS Standards and Guidance Values - GA	Location Sample Name Sample Date Block/Lot Unit	MW01 MW01_092223 9/22/2023 Block 2334/Lot 63		MW02 MW02_092223 9/22/2023 Block 2334/Lot 62		MW03 MW03_092123 9/21/2023 Block 2334/Lot 66	
				Result	Q	Result	Q	Result	Q
Semivolatile Organic Compounds									
1,4-Dioxane	123-91-1	0.35	µg/L	0.3	U	0.3	U	0.3	U
1,1-Biphenyl	92-52-4	~	µg/L	2.63	U	2.5	U	2.5	U
1,2,4,5-Tetrachlorobenzene	95-94-3	~	µg/L	2.63	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	120-82-1	5	µg/L	2.63	U	2.5	U	2.5	U
1,2-Dichlorobenzene	95-50-1	3	µg/L	2.63	U	2.5	U	2.5	U
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	µg/L	2.63	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	µg/L	2.63	U	2.5	U	2.5	U
1,4-Dichlorobenzene	106-46-7	3	µg/L	2.63	U	2.5	U	2.5	U
2,3,4,6-Tetrachlorophenol	58-90-2	~	µg/L	1.32	U	1.25	U	1.25	U
2,4,5-Trichlorophenol	95-95-4	1	µg/L	1.32	U	1.25	U	1.25	U
2,4,6-Trichlorophenol	88-06-2	1	µg/L	1.32	U	1.25	U	1.25	U
2,4-Dichlorophenol	120-83-2	5	µg/L	1.32	U	1.25	U	1.25	U
2,4-Dimethylphenol	105-67-9	50	µg/L	1.32	U	1.25	U	1.25	U
2,4-Dinitrophenol	51-28-5	10	µg/L	1.32	U	1.25	U	1.25	U
2,4-Dinitrotoluene	121-14-2	5	µg/L	2.63	U	2.5	U	2.5	U
2,6-Dinitrotoluene	606-20-2	5	µg/L	2.63	U	2.5	U	2.5	U
2-Chloronaphthalene	91-58-7	10	µg/L	2.63	U	2.5	U	2.5	U
2-Chlorophenol	95-57-8	1	µg/L	1.32	U	1.25	U	1.25	U
2-Methylnaphthalene	91-57-6	~	µg/L	2.63	U	2.5	U	2.5	U
2-Methylphenol	95-48-7	1	µg/L	1.32	U	1.25	U	1.25	U
2-Nitroaniline	88-74-4	5	µg/L	2.63	U	2.5	U	2.5	U
2-Nitrophenol	88-75-5	1	µg/L	1.32	U	1.25	U	1.25	U
3- & 4-Methylphenols	65794-96-9	1	µg/L	1.32	U	1.25	U	1.25	U
3,3-Dichlorobenzidine	91-94-1	5	µg/L	2.63	U	2.5	U	2.5	U
3-Nitroaniline	99-09-2	5	µg/L	2.63	U	2.5	U	2.5	U
4,6-Dinitro-2-methylphenol	534-52-1	~	µg/L	1.32	U	1.25	U	1.25	U
4-Bromophenyl phenyl ether	101-55-3	~	µg/L	2.63	U	2.5	U	2.5	U
4-Chloro-3-methylphenol	59-50-7	1	µg/L	1.32	U	1.25	U	1.25	U
4-Chloroaniline	106-47-8	5	µg/L	2.63	U	2.5	U	2.5	U
4-Chlorophenyl phenyl ether	7005-72-3	~	µg/L	2.63	U	2.5	U	2.5	U
4-Nitroaniline	100-01-6	5	µg/L	2.63	U	2.5	U	2.5	U
4-Nitrophenol	100-02-7	1	µg/L	1.32	U	1.25	U	1.25	U
Acenaphthene	83-32-9	20	µg/L	0.0526	U	0.05	U	0.05	U
Acenaphthylene	208-96-8	~	µg/L	0.0526	U	0.05	U	0.05	U
Acetophenone	98-86-2	~	µg/L	2.63	U	2.5	U	2.5	U
Aniline	62-53-3	5	µg/L	2.63	U	2.5	U	2.5	U
Anthracene	120-12-7	50	µg/L	0.0526	U	0.05	U	0.05	U
Atrazine	1912-24-9	~	µg/L	0.526	U	0.5	U	0.5	U
Benzaldehyde	100-52-7	~	µg/L	2.63	U	2.5	U	2.5	U
Benzidine	92-87-5	~	µg/L	10.5	U	10	U	10	U
Benzo(a)anthracene	56-55-3	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Benzo(a)pyrene	50-32-8	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Benzo(b)fluoranthene	205-99-2	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Benzo(g,h,i)perylene	191-24-2	~	µg/L	0.0526	U	0.05	U	0.05	U
Benzo(k)fluoranthene	207-08-9	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Benzoic acid	65-85-0	~	µg/L	26.3	U	25	U	25	U
Benzyl alcohol	100-51-6	~	µg/L	2.63	U	2.5	U	2.5	U
Benzyl butyl phthalate	85-68-7	50	µg/L	2.63	U	2.5	U	2.5	U
Bis(2-chloroethoxy)methane	111-91-1	5	µg/L	2.63	U	2.5	U	2.5	U
Bis(2-chloroethyl)ether	111-44-4	1	µg/L	1.32	U	1.25	U	1.25	U
Bis(2-chloroisopropyl)ether	108-60-1	5	µg/L	2.63	U	2.5	U	2.5	U
Bis(2-ethylhexyl)phthalate	117-81-7	5	µg/L	3.8		0.5	U	0.5	U
Caprolactam	105-60-2	~	µg/L	2.63	U	2.5	U	2.5	U
Carbazole	86-74-8	~	µg/L	2.63	U	2.5	U	2.5	U
Chrysene	218-01-9	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Dibenzo(a,h)anthracene	53-70-3	~	µg/L	0.0526	U	0.05	U	0.05	U
Dibenzofuran	132-64-9	~	µg/L	2.63	U	2.5	U	2.5	U
Diethyl phthalate	84-66-2	50	µg/L	2.63	U	2.5	U	2.5	U
Dimethyl phthalate	131-11-3	50	µg/L	2.63	U	2.5	U	2.5	U
Di-n-butyl phthalate	84-74-2	50	µg/L	2.63	U	2.5	U	2.5	U
Di-n-octyl phthalate	117-84-0	50	µg/L	2.63	U	2.5	U	2.5	U
Fluoranthene	206-44-0	50	µg/L	0.0526	U	0.05	U	0.05	U
Fluorene	86-73-7	50	µg/L	0.0526	U	0.05	U	0.05	U
Hexachlorobenzene	118-74-1	0.04	µg/L	0.0211	U	0.02	U	0.02	U
Hexachlorobutadiene	87-68-3	0.5	µg/L	0.526	U	0.5	U	0.5	U
Hexachlorocyclopentadiene	77-47-4	5	µg/L	2.63	U	2.5	U	2.5	U
Hexachloroethane	67-72-1	5	µg/L	0.526	U	0.5	U	0.5	U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	µg/L	0.0526	U	0.05	U	0.05	U
Isophorone	78-59-1	50	µg/L	2.63	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	µg/L	0.0526	U	0.05	U	0.05	U
Nitrobenzene	98-95-3	0.4	µg/L	0.263	U	0.25	U	0.25	U
N-Nitrosodimethylamine	62-75-9	~	µg/L	0.526	U	0.5	U	0.5	U
N-nitroso-di-n-propylamine	621-64-7	~	µg/L	2.63	U	2.5	U	2.5	U
N-Nitrosodiphenylamine	86-30-6	50	µg/L	2.63	U	2.5	U	2.5	U
Pentachlorophenol	87-86-5	1	µg/L	0.263	U	0.25	U	0.25	U
Phenanthrene	85-01-8	50	µg/L	0.0526	U	0.05	U	0.05	U
Phenol	108-95-2	1	µg/L	1.32	U	1.25	U	1.25	U
Pyrene	129-00-0	50	µg/L	0.0526	U	0.05	U	0.05	U
Pyridine	110-86-1	50	µg/L	2.63	U	2.5	U	2.5	U

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				Result	Q	Result	Q	Result	Q
Herbicides, Target List									
Dilution Factor			µg/L	1		1		1	
2,4,5-T	93-76-5	35	µg/L	5	U	5	U	5	U
2,4,5-TP (Silvex)	93-72-1	0.26	µg/L	5	U	5	U	5	U
2,4-D	94-75-7	50	µg/L	5	U	5	U	5	U
Pesticides, 8081 target list									
4,4'-DDD	72-54-8	0.3	µg/L	0.00444	U	0.00632		0.004	U
4,4'-DDE	72-55-9	0.2	µg/L	0.00444	U	0.00444	U	0.004	U
4,4'-DDT	50-29-3	0.2	µg/L	0.00444	U	0.00709		0.004	U
Aldrin	309-00-2	~	µg/L	0.00444	U	0.00444	U	0.004	U
alpha-BHC	319-84-6	0.01	µg/L	0.00444	U	0.00444	U	0.004	U
alpha-Chlordane	5103-71-9	~	µg/L	0.00444	U	0.00444	U	0.004	UP
beta-BHC	319-85-7	0.04	µg/L	0.00444	U	0.00444	U	0.004	U
Chlordane, total	57-74-9	0.05	µg/L	0.0222	U	0.0222	U	0.02	U
delta-BHC	319-86-8	0.04	µg/L	0.00444	U	0.00444	U	0.004	U
Dieldrin	60-57-1	0.004	µg/L	0.00222	U	**0.00844**		0.002	U
Endosulfan I	959-98-8	~	µg/L	0.00444	U	0.00444	U	0.004	UP
Endosulfan II	33213-65-9	~	µg/L	0.00444	U	0.00444	U	0.004	U
Endosulfan sulfate	1031-07-8	~	µg/L	0.00444	U	0.00444	U	0.004	U
Endrin	72-20-8	~	µg/L	0.00444	U	0.00444	U	0.004	U
Endrin aldehyde	7421-93-4	5	µg/L	0.0111	U	0.0111	U	0.01	U
Endrin ketone	53494-70-5	5	µg/L	0.0111	U	0.0111	U	0.01	U
gamma-BHC (Lindane)	58-89-9	0.05	µg/L	0.00444	U	0.00895	P	0.004	U
gamma-Chlordane	5566-34-7	~	µg/L	0.0111	U	0.0111	U	0.01	UP
Heptachlor	76-44-8	0.04	µg/L	0.00444	U	0.00444	U	0.004	UP
Heptachlor epoxide	1024-57-3	0.03	µg/L	0.00444	U	0.00444	U	0.004	UP
Methoxychlor	72-43-5	35	µg/L	0.00444	U	0.00444	U	0.004	U
Toxaphene	8001-35-2	0.06	µg/L	0.111	U	0.111	U	0.1	U
Polychlorinated Biphenyls (PCB)									
Aroclor 1016	12674-11-2	~	ug/L	0.0556	U	0.0556	U	0.05	U
Aroclor 1221	11104-28-2	~	ug/L	0.0556	U	0.0556	U	0.05	U
Aroclor 1232	11141-16-5	~	ug/L	0.0556	U	0.0556	U	0.05	U
Aroclor 1242	53469-21-9	~	ug/L	0.0556	U	NT		0.05	U
Aroclor 1242 [2C]	53469-21-9	~	ug/L	NT		0.649		NT	
Aroclor 1248	12672-29-6	~	ug/L	0.0556	U	0.0556	U	0.05	U
Aroclor 1254	11097-69-1	~	ug/L	0.0556	U	0.0556	U	0.05	U
Aroclor 1260	11096-82-5	~	ug/L	0.0556	U	0.0556	U	0.05	U
Total PCBs	1336-36-3	0.09	ug/L	0.0556	U	NT		0.05	U
Total PCBs [2C]	1336-36-3	~	ug/L	NT		0.649		NT	
Metals - Total									
Aluminum	7429-90-5	~	µg/L	144		55.6	U	130	
Antimony	7440-36-0	3	µg/L	1.11	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	µg/L	1.28		1.11	U	1.11	U
Barium	7440-39-3	1000	µg/L	91.8		79.8		232	
Beryllium	7440-41-7	3	µg/L	0.333	U	0.333	U	0.333	U
Cadmium	7440-43-9	5	µg/L	0.556	U	0.556	U	0.556	U
Calcium	7440-70-2	~	µg/L	128000		141000		215000	
Chromium	7440-47-3	50	µg/L	7.29		5.56	U	5.56	U
Chromium, Hexavalent	18540-29-9	50	µg/L	10	U	10	U	10	U
Chromium, Trivalent	16065-83-1	~	µg/L	7290		4810		5340	
Cobalt	7440-48-4	~	µg/L	4.44	U	4.44	U	4.44	U
Copper	7440-50-8	200	µg/L	22.2	U	22.2	U	22.2	U
Cyanide, total	57-12-5	200	µg/L	10	U	10	U	10	U
Iron	7439-89-6	~	µg/L	278	U	278	U	278	U
Lead	7439-92-1	25	µg/L	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35000	µg/L	34400		31800		**70600**	
Manganese	7439-96-5	300	µg/L	147		**2120**		22.6	
Mercury	7439-97-6	0.7	µg/L	0.2	U	0.2	U	0.2	U
Nickel	7440-02-0	100	µg/L	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	µg/L	6910		4360		11200	
Selenium	7782-49-2	10	µg/L	2.84		1.11	U	1.11	U
Silver	7440-22-4	50	µg/L	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	µg/L	**56500**		**83500**		**286000**	
Thallium	7440-28-0	~	µg/L	1.11	U	1.11	U	1.11	U
Vanadium	7440-62-2	~	µg/L	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2000	µg/L	27.8	U	29.2		49.9	
Metals - Dissolved									
Aluminum	7429-90-5	~	µg/L	55.6	U	55.6	U	90.4	
Antimony	7440-36-0	3	µg/L	1.11	U	1.11	U	1.11	U
Arsenic	7440-38-2	25	µg/L	1.19		1.11	U	1.11	U
Barium	7440-39-3	1000	µg/L	94.7		77		226	
Beryllium	7440-41-7	3	µg/L	0.333	U	0.333	U	0.333	U
Cadmium	7440-43-9	5	µg/L	0.556	U	0.556	U	0.556	U
Calcium	7440-70-2	~	µg/L	126000		132000		209000	
Chromium	7440-47-3	50	µg/L	6		5.56	U	5.56	U
Cobalt	7440-48-4	~	µg/L	4.44	U	4.44	U	4.44	U
Copper	7440-50-8	200	µg/L	22.2	U	22.2	U	22.2	U
Iron	7439-89-6	~	µg/L	278	U	278	U	278	U
Lead	7439-92-1	25	µg/L	5.56	U	5.56	U	5.56	U
Magnesium	7439-95-4	35000	µg/L	33200		30200		**69500**	
Manganese	7439-96-5	300	µg/L	145		**2040**		20.6	
Mercury	7439-97-6	0.7	µg/L	0.3		0.6		0.2	
Nickel	7440-02-0	100	µg/L	11.1	U	11.1	U	11.1	U
Potassium	7440-09-7	~	µg/L	5270		4230		10700	
Selenium	7782-49-2	10	µg/L	2.62		1.58		1.11	U
Silver	7440-22-4	50	µg/L	5.56	U	5.56	U	5.56	U
Sodium	7440-23-5	20000	µg/L	**56400**		**83500**		**279000**	
Thallium	7440-28-0	~	µg/L	1.11	U	1.11	U	1.11	U
Vanadium	7440-62-2	~	µg/L	11.1	U	11.1	U	11.1	U
Zinc	7440-66-6	2000	µg/L	27.8	U	27.8	U	27.8	U

Table 2

Groundwater Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Compound	CAS Number	NYSDEC TOGS Standards and Guidance Values - GA	Location Sample Name Sample Date Block/Lot Unit	MW01 MW01_092223 9/22/2023 Block 2334/Lot 63		MW02 MW02_092223 9/22/2023 Block 2334/Lot 62		MW03 MW03_092123 9/21/2023 Block 2334/Lot 66	
				Result	Q	Result	Q	Result	Q
PFAS 40-List									
11CL-PF3OUdS	763051-92-9	~	µg/L	0.00133	U	0.00146	U	0.00136	U
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	~	µg/L	0.00198	U	0.00217	U	0.00203	U
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	757124-72-4	~	µg/L	0.00173	U	0.00190	U	0.00177	U
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	~	µg/L	0.00102	U	0.00112	U	0.00105	U
3-Perfluoroheptyl propanoic acid (FHpPA)	812-70-4	~	µg/L	0.00915	U	0.01000	U	0.00935	U
3-Perfluoropentyl propanoic acid (FPePA)	914637-49-3	~	µg/L	0.00708	U	0.00777	U	0.00724	U
3-Perfluoropropyl propanoic acid (FPrPA)	356-02-5	~	µg/L	0.00196	U	0.00215	U	0.00201	U
9CL-PF3ONS	756426-58-1	~	µg/L	0.00068	U	0.00074	U	0.00069	U
ADONA	919005-14-4	~	µg/L	0.00051	U	0.00056	U	0.00052	U
HFPO-DA (Gen-X)	13252-13-6	~	µg/L	0.00312	U	0.00536	J	0.00319	U
N-EtFOSA	4151-50-2	~	µg/L	0.00174	U	0.00191	U	0.00178	U
N-EtFOSAA	2991-50-6	~	µg/L	0.00100	U	0.00109	U	0.00102	U
N-EtFOSE	1691-99-2	~	µg/L	0.00386	U	0.00423	U	0.00394	U
N-MeFOSA	31506-32-8	~	µg/L	0.00153	U	0.00167	U	0.00156	U
N-MeFOSAA	2355-31-9	~	µg/L	0.00076	U	0.00084	U	0.00078	U
N-MeFOSE	24448-09-7	~	µg/L	0.00386	U	0.00423	U	0.00394	U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	~	µg/L	0.00048	U	0.00053	U	0.00049	U
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	~	µg/L	0.00128	U	0.00140	U	0.00130	U
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	~	µg/L	0.00221		0.00096	U	0.00090	U
Perfluoro-1-nonanesulfonic acid (PFNS)	68259-12-1	~	µg/L	0.00083	U	0.00091	U	0.00085	U
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	~	µg/L	0.00085	U	0.00093	U	0.00087	U
Perfluoro-1-pentanesulfonate (PFPeS)	2706-91-4	~	µg/L	0.00073	U	0.00081	U	0.00097	J
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	~	µg/L	0.00207	U	0.00227	U	0.00211	U
Perfluoro-4-oxapentanoic acid (PFMPA)	377-73-1	~	µg/L	0.00024	U	0.00027	U	0.00025	U
Perfluoro-5-oxahexanoic acid (PFMBA)	863090-89-5	~	µg/L	0.00036	U	0.00039	U	0.00037	U
Perfluorobutanesulfonic acid (PFBS)	375-73-5	~	µg/L	0.01140		0.00718		0.00562	
Perfluorodecanoic acid (PFDA)	335-76-2	~	µg/L	0.00100	J	0.00080	U	0.00074	U
Perfluorododecanesulfonic acid (PFDoS)	79780-39-5	~	µg/L	0.00090	U	0.00099	U	0.00092	U
Perfluorododecanoic acid (PFDoA)	307-55-1	~	µg/L	0.00085	U	0.00093	U	0.00087	U
Perfluoroheptanoic acid (PFHpA)	375-85-9	~	µg/L	0.00274		0.01150		0.00519	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	~	µg/L	0.00330		0.00401		0.00671	
Perfluorohexanoic acid (PFHxA)	307-24-4	~	µg/L	0.00430		0.01920		0.01030	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	~	µg/L	0.00444	J	0.00035	U	0.00782	J
Perfluorononanoic acid (PFNA)	375-95-1	~	µg/L	0.00306		0.00208	J	0.00128	J
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.0027	µg/L	**0.06820**		**0.04080**		**0.02280**	
Perfluorooctanoic acid (PFOA)	335-67-1	0.0067	µg/L	**0.02650**		**0.05480**		**0.02720**	
Perfluoropentanoic acid (PFPeA)	2706-90-3	~	µg/L	0.00559		0.02340		0.01330	
Perfluorotetradecanoic acid (PFTA)	376-06-7	~	µg/L	0.00067	U	0.00073	U	0.00068	U
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	~	µg/L	0.00072	U	0.00078	U	0.00073	U
Perfluoroundecanoic acid (PFUnA)	2058-94-8	~	µg/L	0.00109	U	0.00120	U	0.00112	U

Table 2

Groundwater Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l = micrograms per liter
NT - Not Tested
RL - Reporting Limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

J = The analyte was detected above the Method Detection Limit (MDL), but below the Reporting Limit (RL); therefore, the result is an estimated concentration.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.
B = The analyte was found in the associated analysis batch blank.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 3

Soil Vapor Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Compound	CAS Number	NYSDOH Decision Matrices Minimum Sub-Sab Concentrations	Location Sample Name Sample Date Block/Lot Unit	SV01 SV01_092123 9/21/2023 Block 2334/Lot 63		SV02 SV02_092123 9/21/2023 Block 2334/Lot 62		SV03 SV03_092123 9/21/2023 Block 2334/Lot 66	
				Result	Q	Result	Q	Result	Q
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	~	µg/m3	11	U	2.5	U	4.7	U
1,1,1-Trichloroethane	71-55-6	100	µg/m3	9	U	2	U	4.8	D
1,1,2,2-Tetrachloroethane	79-34-5	~	µg/m3	11	U	2.5	U	4.7	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	µg/m3	13	U	2.8	U	5.2	U
1,1,2-Trichloroethane	79-00-5	~	µg/m3	9	U	2	U	3.7	U
1,1-Dichloroethane	75-34-3	~	µg/m3	6.7	U	1.5	U	2.8	U
1,1-Dichloroethylene	75-35-4	6	µg/m3	1.6	U	0.36	U	0.68	U
1,2,4-Trichlorobenzene	120-82-1	~	µg/m3	12	U	2.7	U	5.1	U
1,2,4-Trimethylbenzene	95-63-6	~	µg/m3	8.1	U	1.8	U	3.4	U
1,2-Dibromoethane	106-93-4	~	µg/m3	13	U	2.8	U	5.2	U
1,2-Dichlorobenzene	95-50-1	~	µg/m3	9.9	U	2.2	U	4.1	U
1,2-Dichloroethane	107-06-2	~	µg/m3	6.7	U	1.5	U	2.8	U
1,2-Dichloropropane	78-87-5	~	µg/m3	7.6	U	1.7	U	3.2	U
1,2-Dichlorotetrafluoroethane	76-14-2	~	µg/m3	12	U	2.5	U	4.8	U
1,3,5-Trimethylbenzene	108-67-8	~	µg/m3	8.1	U	1.8	U	3.4	U
1,3-Butadiene	106-99-0	~	µg/m3	11	U	2.4	U	4.5	U
1,3-Dichlorobenzene	541-73-1	~	µg/m3	9.9	U	2.2	U	4.1	U
1,3-Dichloropropane	142-28-9	~	µg/m3	7.6	U	1.7	U	3.2	U
1,4-Dichlorobenzene	106-46-7	~	µg/m3	9.9	U	2.2	U	4.1	U
1,4-Dioxane	123-91-1	~	µg/m3	12	U	2.6	U	4.9	U
2-Butanone	78-93-3	~	µg/m3	170	D	21	D	48	D
2-Hexanone	591-78-6	~	µg/m3	20	D	3.7	D	5.6	U
3-Chloropropene	107-05-1	~	µg/m3	26	U	5.6	U	11	U
4-Methyl-2-pentanone	108-10-1	~	µg/m3	6.8	U	1.5	U	2.8	U
Acetone	67-64-1	~	µg/m3	1300	D	230	D	380	D
Acrylonitrile	107-13-1	~	µg/m3	3.6	U	0.78	U	1.5	U
Benzene	71-43-2	~	µg/m3	5.3	U	1.1	U	34	D
Benzyl chloride	100-44-7	~	µg/m3	8.5	U	1.9	U	3.5	U
Bromodichloromethane	75-27-4	~	µg/m3	11	U	2.4	U	4.6	U
Bromoform	75-25-2	~	µg/m3	17	U	3.7	U	7	U
Bromomethane	74-83-9	~	µg/m3	6.4	U	1.4	U	2.6	U
Carbon disulfide	75-15-0	~	µg/m3	5.6	D	2.1	D	39	D
Carbon tetrachloride	56-23-5	6	µg/m3	2.6	U	0.56	U	2.1	D
Chlorobenzene	108-90-7	~	µg/m3	7.6	U	1.7	U	3.1	U
Chloroethane	75-00-3	~	µg/m3	4.4	U	0.95	U	1.8	U
Chloroform	67-66-3	~	µg/m3	30	D	30	D	7.3	D
Chloromethane	74-87-3	~	µg/m3	3.4	U	0.74	U	1.4	U
cis-1,2-Dichloroethylene	156-59-2	6	µg/m3	1.6	U	0.36	U	0.68	U
cis-1,3-Dichloropropylene	10061-01-5	~	µg/m3	7.5	U	1.6	U	3.1	U
Cyclohexane	110-82-7	~	µg/m3	5.7	U	1.2	U	24	D
Dibromochloromethane	124-48-1	~	µg/m3	14	U	3.1	U	5.8	U
Dichlorodifluoromethane	75-71-8	~	µg/m3	8.2	U	1.8	U	3.4	U
Ethyl acetate	141-78-6	~	µg/m3	12	U	2.6	U	4.9	U
Ethyl Benzene	100-41-4	~	µg/m3	7.2	U	1.6	U	3	D
Hexachlorobutadiene	87-68-3	~	µg/m3	18	U	3.8	U	7.3	U
Isopropanol	67-63-0	~	µg/m3	17	D	1.8	U	3.4	U
Methyl Methacrylate	80-62-6	~	µg/m3	6.8	U	1.5	U	2.8	U
Methyl tert-butyl ether (MTBE)	1634-04-4	~	µg/m3	5.9	U	1.3	U	2.5	U
Methylene chloride	75-09-2	100	µg/m3	11	U	2.5	U	4.7	U
n-Heptane	142-82-5	~	µg/m3	6.8	U	1.5	U	88	D
n-Hexane	110-54-3	~	µg/m3	5.8	U	1.3	U	200	D
o-Xylene	95-47-6	~	µg/m3	7.2	U	1.6	U	3.6	D
p- & m- Xylenes	179601-23-1	~	µg/m3	14	U	3.1	U	7.4	D
p-Ethyltoluene	622-96-8	~	µg/m3	8.1	U	1.8	U	3.4	U
Propylene	115-07-1	~	µg/m3	2.8	U	0.62	U	140	D
Styrene	100-42-5	~	µg/m3	7	U	1.5	U	2.9	U
Tetrachloroethene	127-18-4	100	µg/m3	48	D	**110**	D	22	D
Tetrahydrofuran	109-99-9	~	µg/m3	110	D	15	D	71	D
Toluene	108-88-3	~	µg/m3	6.2	U	2.6	D	23	D
trans-1,2-Dichloroethylene	156-60-5	~	µg/m3	6.5	U	1.4	U	2.7	U
trans-1,3-Dichloropropylene	10061-02-6	~	µg/m3	7.5	U	1.6	U	3.1	U
Trichloroethene	79-01-6	6	µg/m3	2.2	U	0.48	U	3.3	D
Trichlorofluoromethane (Freon 11)	75-69-4	~	µg/m3	9.3	U	3.4	D	270	D
Vinyl acetate	108-05-4	~	µg/m3	5.8	U	1.3	U	2.4	U
Vinyl bromide	593-60-2	~	µg/m3	7.2	U	1.6	U	3	U
Vinyl Chloride	75-01-4	6	µg/m3	2.1	U	0.46	U	0.87	U
Total BTEX	~	~	µg/m3	0		2.6		71	
Total CVOCs	~	~	µg/m3	48		110		32.2	

Table 3

Soil Vapor Sample Analytical Results

383 Morris Avenue
Bronx, New York
Langan Project No.: 170790501

Notes:

AA = Ambient Air
SV = Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
µg/m3 = micrograms per cubic meter
NA - Not Analyzed
RL - Reporting Limit
<RL - Not detected

Soil vapor sample analtical results are compared to the minimum sub-slab vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates.

Qualifiers:

D = The concentration reported is a result of a diluted sample.
U = The analyte was analyzed for, but was not detected at a level greater than or equal to the RL; the value shown in the table is the RL.

Exceedance Summary:

10 - Result exceeds NYSDOH Decision Matrices Minimum Concentrations

Attachment 1

Geophysical Survey

GEOPHYSICAL ENGINEERING SURVEY REPORT

383 Morris Avenue,
Bronx, New York 10451

NOVA PROJECT NUMBER:
23-3295

DATED:
September 29, 2023

PREPARED FOR:

LANGAN

21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001
www.langan.com

PREPARED BY:

NOVA
GEOPHYSICAL
ENGINEERING
Subsurface Mapping Solutions
56-01 Marathon Parkway # 765
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NOVA GEOPHYSICAL SERVICES

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September 29, 2023

Liz McConnell
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LANGAN
21 Penn Plaza
360 West 31st Street, 8th Floor
New York, New York 10001-2727
D: 212.479.5593 M: 281.813.5425
E: LMcConnell@langan.com

Re: Geophysical Engineering Survey (GES) Report
383 Morris Avenue,
Bronx, New York 10451

Dear Ms. McConnell,

Nova Geophysical Services (NOVA) is pleased to provide the findings of the geophysical engineering survey (GES) at the above referenced project site: 383 Morris Avenue, Bronx, New York (the "Site").

INTRODUCTION TO GEOPHYSICAL ENGINEERING SURVEY (GES)

NOVA performed a geophysical engineering survey (GES) consisting of a Ground Penetrating Radar (GPR) and Electromagnetic (EM) survey at the site. The purpose of this survey is to locate and identify utilities, underground storage tanks and other substructures in the vicinity of the proposed boring areas on September 20th, 2023.

The equipment selected for this investigation was a GSSI UtilityScan 350 MHz ground penetrating radar (GPR) with a shielded antenna Sensors and Software Noggin 250 MHz GPR with a shielded antenna and a RadioDetection RD7100 Electromagnetic utility locator. A GPR system consists of a radar control unit, control cable, and transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 250/350 MHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulse into bipolar pulses that are radiated to the

surface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit and are represented as color graphic images for interpolation.

A typical electromagnetic (EM) utility locating system consists of a transmitter unit and a receiver unit. The receiver unit can be used independently of the transmitter unit in order to detect utility lines with an inherent EM signature (electric utility lines, water lines, etc.). If needed a current at a specific frequency can also be placed on a utility that is being located. This can be done via the transmitter unit by either direct connection or induction via an EM field varying at specific frequency. The receiver unit is then set to the selected frequency and the electromagnetic field created by the current running through the utility can be located allowing the utility to be marked.

GEOPHYSICAL METHODS

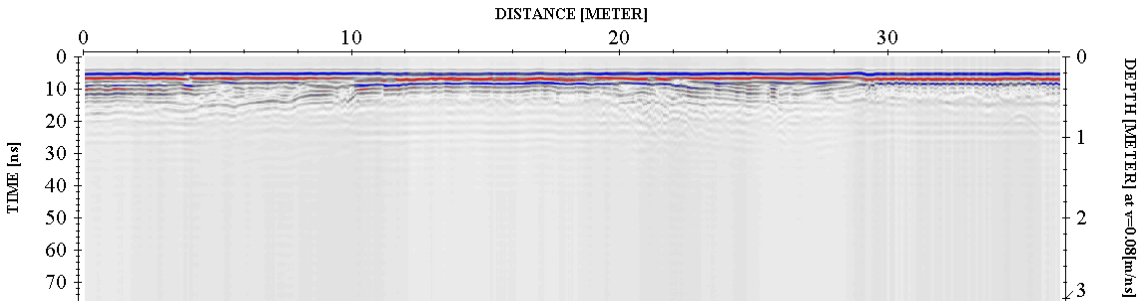
The project site was screened using GPR to search the specified area and inspected for reflections, which could be indicative of substructures and utilities within the subsurface. An EM utility locator was used to help determine the locations of utilities within the survey area.

EM data was collected and interpreted on site and suspected utilities marked as needed. GPR data profiles were collected for the areas of the Site specified by the client and processed as specified below.

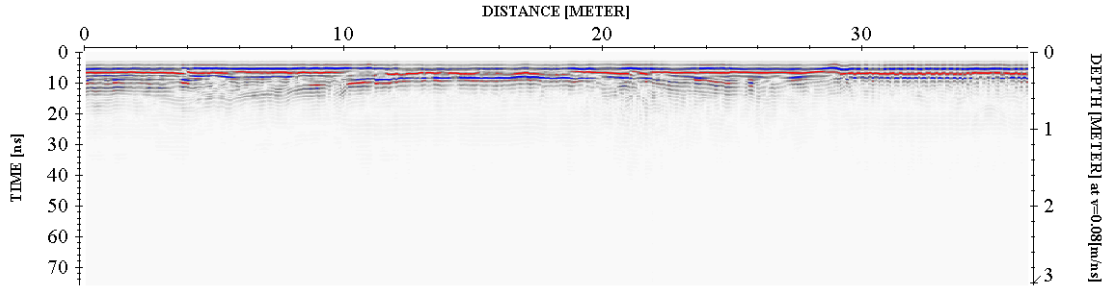
DATA PROCESSING

In order to improve the quality of the results and to better identify anomalies NOVA processed the collected data. The processing work flow is briefly described in this section.

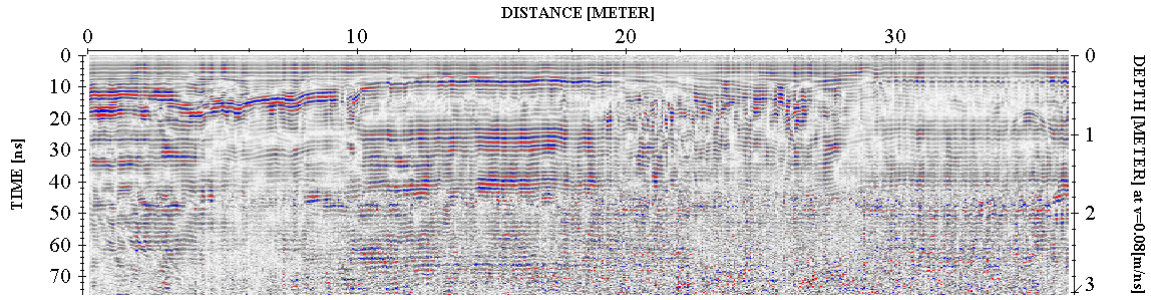
Step 1. Import Raw RAMAC data to standard processing format



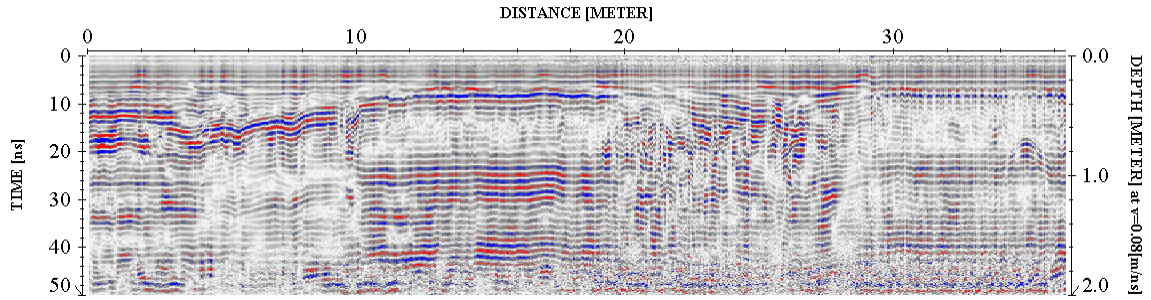
Step 2. Remove instrument noise *(dewow)*



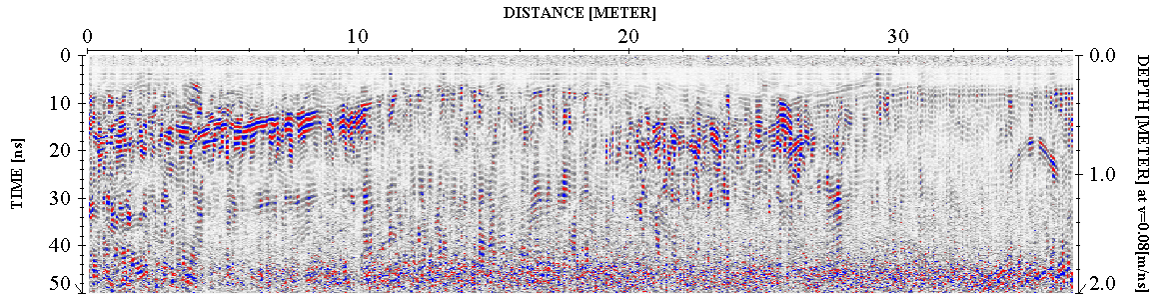
Step 3. Correct for attenuation losses *(energy decay function)*



Step 4. Remove static from bottom of profile *(time cut)*



Step 5. Mute horizontal ringing/noise *(subtracting average)*



The above example shows the significance of data processing. The last image (step 5) has higher resolution than the starting image (raw data – step 1) and represents the subsurface anomalies much more accurately.

PHYSICAL SETTINGS

NOVA observed the following physical conditions at the time of the survey.

Weather: Cloudy

Temperature: 70° F

Surface: Concrete, Asphalt

Survey Parameters: A GPR grid scan was conducted within the survey areas as shown on the survey plan. The approximate line spacing of the grid survey was approximately 2'. Additional GPR data was collected over features of interest.

Limitations: The geophysical noise level (GNL) at the site was high due to being in an urban environment and other unknown anthropogenic noise sources.

RESULTS

The results of the geophysical engineering survey (GES) identified the following at the project site:

- The GES identified anomalies resembling potential subsurface utilities (electric) located within the survey area. The approximate locations are shown in the survey plan.
- The GES did not identify any major anomalies consistent with USTs within the surveyed areas of the site.
- NOVA cleared and marked all boring locations shown in the survey plan.

If you have any questions, please do not hesitate to contact the undersigned.

Sincerely,

NOVA Geophysical Services



Levent Eskicakit, P.G., E.P.

Project Manager

Attachments:

Location Map

Survey Plan

Geophysical Images

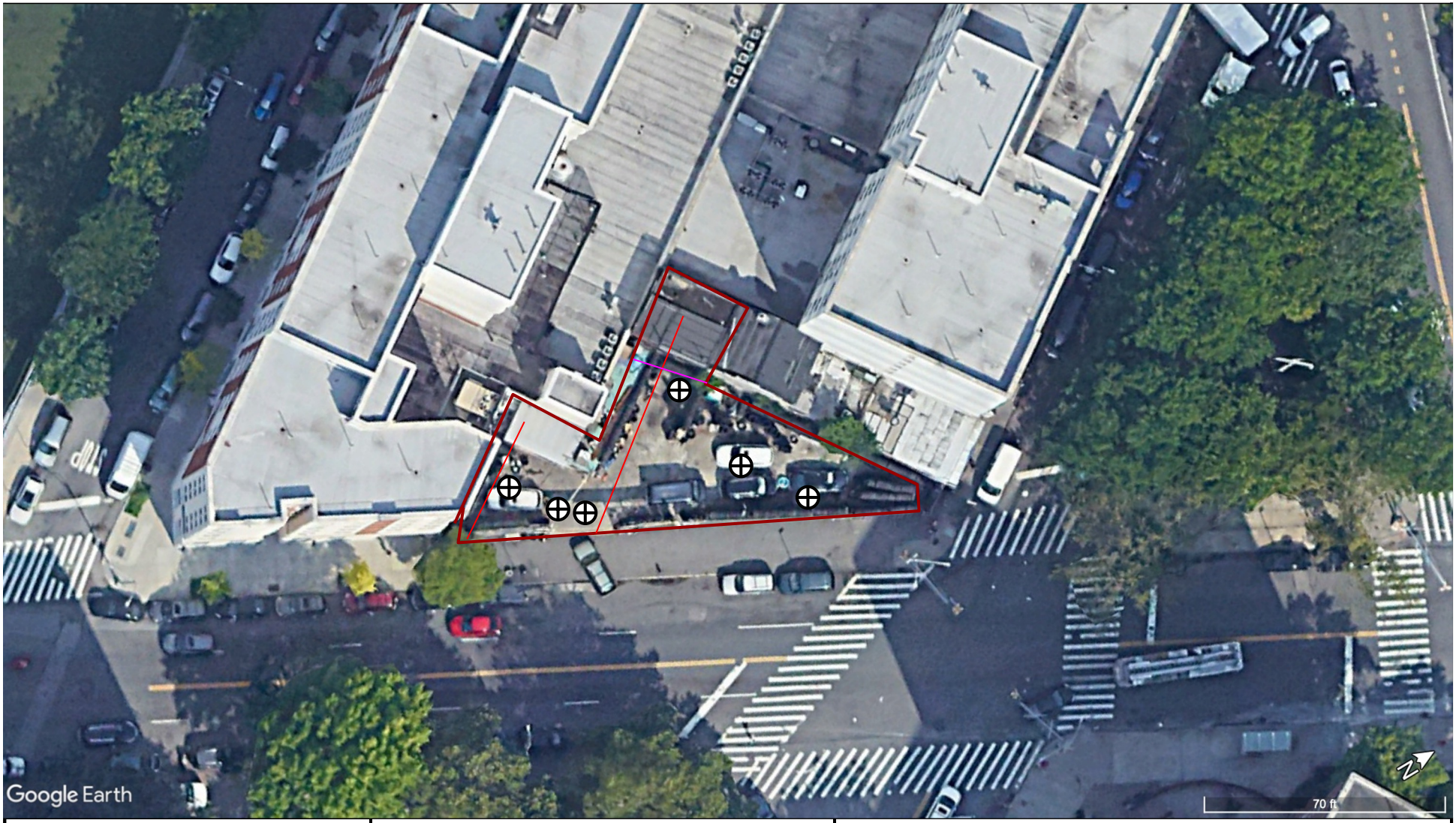


NOVA
Geophysical Services
Subsurface Mapping Solutions
56-01 Marathon Parkway, # 765
Douglaston, New York 11362
Phone (347) 556-7787 * Fax (718) 261-1527
www.novagsi.com

Location Map

SITE:	**Commercial Site** 383 Morris Avenue Bronx, New York 10451
CLIENT:	Langan
DATE:	September 20, 2023
AUTH:	Raymond Looney

LEGEND



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SURVEY PLAN

SITE:	**Commercial Site** 383 Morris Avenue Bronx, New York 10451
CLIENT:	Langan
DATE:	September 20, 2023
AUTH:	Raymond Looney

LEGEND

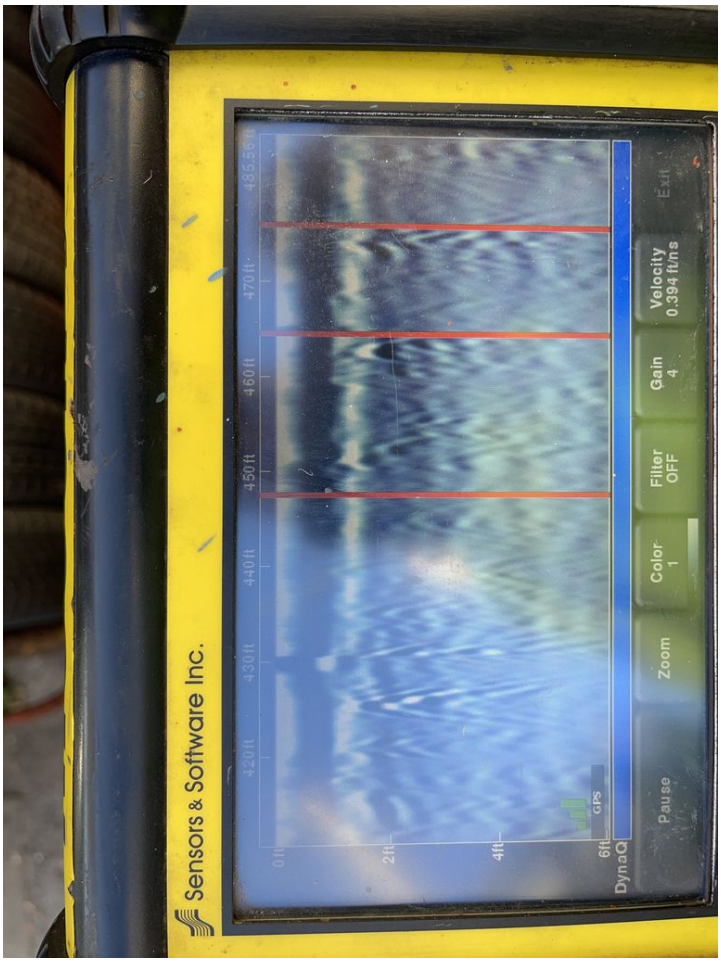
- Survey Area
- Electric
- Unknown Utility
- Boring

GEOPHYSICAL IMAGES

COmmercial Site
383 Morris Avenue
Bronx, New York 10451
September 20th, 2023



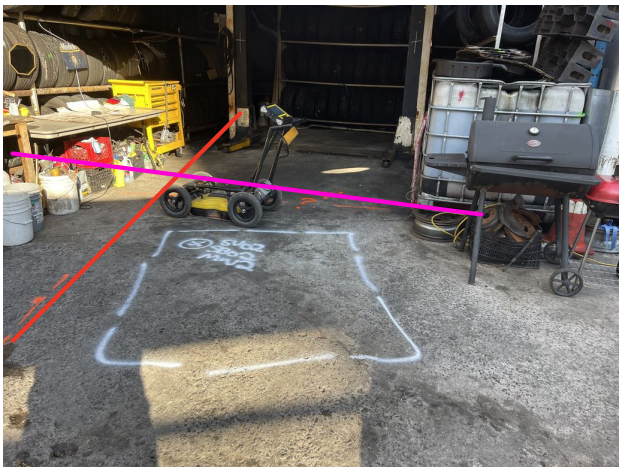




GEOPHYSICAL IMAGES

COmmercial Site
383 Morris Avenue
Bronx, New York 10451
September 20th, 2023









GEOPHYSICAL IMAGES

COmmercial Site
383 Morris Avenue
Bronx, New York 10451
September 20th, 2023

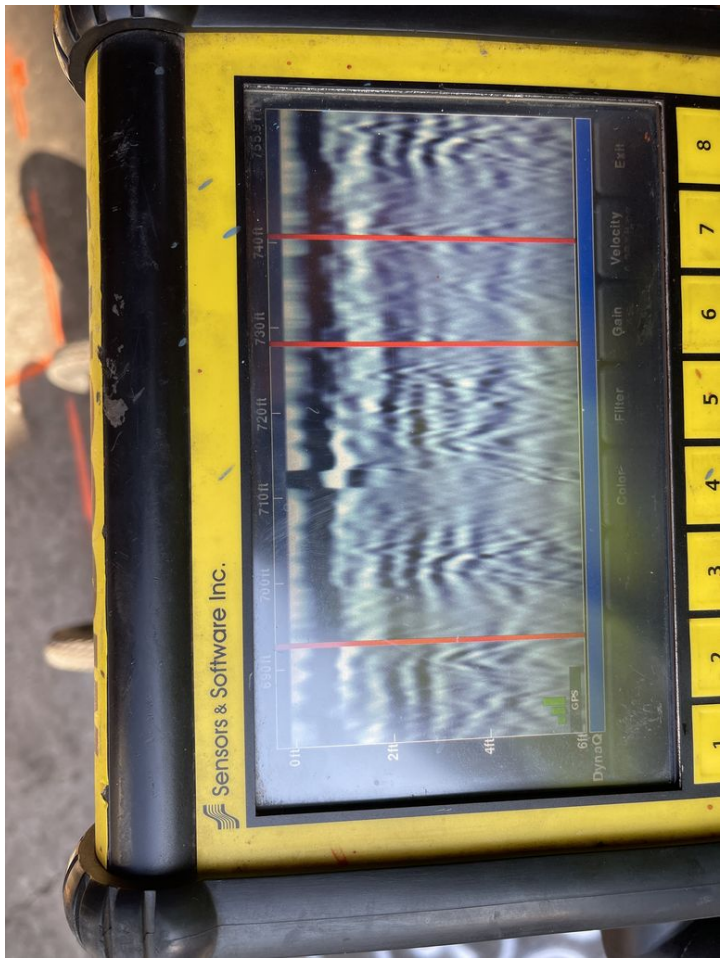




GEOPHYSICAL IMAGES

COmmercial Site
383 Morris Avenue
Bronx, New York 10451
September 20th, 2023





GEOPHYSICAL IMAGES

COmmercial Site
383 Morris Avenue
Bronx, New York 10451
September 20th, 2023







Attachment 2

Soil Boring Logs

LANGAN

Log of Boring **SB01** Sheet 1 of 1

Project: 383 Morris Avenue	Project No.: 170790501
Location: Bronx, New York	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Inc	Date Started: 9/20/2023 — Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.5 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 48-inch Macrocore	Field Engineer: Ali Reach
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	Brown fine SAND, trace silt, trace fine gravel, concrete, brick, glass (dry) [FILL]	0					0.0	Sampled SB01_0-2
			1					0.0	
			2	M-1	Macrocore	36/48		0.0	
			3					0.0	
		Brown fine SAND, trace silt, concrete, trace fine gravel, brick, glass (dry) [FILL]	4					0.0	
			5	M-2A				0.0	
		Tannish brown fine SAND, trace silt, trace fine gravel (moist) [SP]	6		Macrocore	36/48		0.0	
			7	M-2B				0.0	
		Tannish brown fine SAND, trace silt, trace fine gravel (moist) [SP]	8					0.0	
			9					0.0	
			10	M-3	Macrocore	12/48			
			11						
		Tannish brown fine SAND, trace silt, trace fine gravel (moist) [SP]	12					0.0	Sampled SB01_12-14
			13	M-4A	Macrocore	36/36		0.0	
		Light tan fine to medium SAND, silt, trace fine gravel (wet) [SP]	14	M-4B				0.0	
		End of Boring at 15ft.	15						Refusal at 15ft. Temporary monitoring well set at 15ft bgs with 10ft of 0.010-slot screen.
			16						

LANGAN

Log of Boring **SB02** Sheet 1 of 1

Project: 383 Morris Avenue	Project No.: 170790501
Location: Bronx, New York	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Inc	Date Started: 9/20/2023 — Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig	Completion Depth: 15.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 48-inch Macrocore	Field Engineer: Ali Reach
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	CONCRETE	0						
		Tannish brown fine SAND, trace fine gravel, trace silt, concrete, brick (dry) [FILL]	1					0.0	Sample SB02_0-2
			2	M-1	Macrocore	36/36		0.0	
			3					0.0	
			4					0.0	Sample SB02_4-6
		Brown to dark brown fine SAND, trace silt, concrete, trace fine gravel, brick, wood, (lumber) (dry) [FILL]	5	M-2A				0.0	
			6		Macrocore	36/48		0.0	
		Tannish brown fine to medium SAND, trace silt, trace fine gravel (moist) [SP]	7	M-2B				0.0	
		Tannish brown fine to medium SAND, trace silt, trace fine gravel, trace coarse sand (moist) [SP]	8					0.0	
		▽	9					0.0	
			10	M-3	Macrocore	24/48		0.0	
			11						
		Tannish brown fine to medium SAND, trace silt, trace fine gravel, trace coarse sand (wet) [SP]	12					0.0	Sample SB02_12-14
			13	M-4A	Macrocore	36/36		0.0	
		Tannish white coarse SAND, trace fine gravel (dry) [WEATHERED ROCK]	14	M-4B				0.0	
		End of Boring at 15ft.	15						Refusal at 15ft bgs. Temporary monitoring well set at 15ft bgs with 10ft of 0.010-slot screen.
			16						

LANGAN

Log of Boring **SB03** Sheet 1 of 1

Project: 383 Morris Avenue	Project No.: 170790501
Location: Bronx, New York	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Inc	Date Started: 9/21/2023 — Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 48-inch Macrocore	Field Engineer: Roswell Lo
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	CONCRETE	0						Sample SB03_0-2
		Brown to gray fine SAND, trace fine gravel, trace clay, brick, lumber (moist) [FILL]	1					0.0	
								0.0	
			2	M-1	Macrocore	34/40		0.0	
								0.0	
			3					0.0	
								0.0	
		Brown to gray fine SAND, trace fine gravel, trace clay, lumber, glass (moist) [FILL]	4					0.0	Sample SB03_4-6; 0.010 slotted screen installed from 4-14 ft bsg
								0.0	
			5					0.0	
								0.0	
			6	M-2	Macrocore	17/48			
			7						
		Brown fine SAND, some silt, trace fine gravel (wet) [SP]	8						
			9						
			10	M-3	Macrocore	14/48			
			11						
		Brown to tan fine SAND, some silt, trace fine gravel (wet) [SP]	12					0.0	Sample SB03_12-14
								0.0	
			13					0.0	
								0.0	
			14	M-4	Macrocore	24/48		0.0	
			15						Refusal at 16 ft. Temporary monitoring well set at 16ft bgs with 10ft of 0.010-slot screen.
			16						

End of Boring at 16ft.

LANGAN

Log of Boring **SB04** Sheet 1 of 1

Project: 383 Morris Avenue		Project No.: 170790501	
Location: Bronx, New York		Elevation and Datum: N/A	
Drilling Company: Lakewood Environmental Services Inc		Date Started: 9/21/2023	Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig		Completion Depth: 14.0 ft	Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push		Number of Samples: Disturbed 4	Undisturbed 0 / Core 0
Casing Diameter (in): N/A	Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.5	Completion ▼ N/A / 24 HR. ▼ N/A
Casing Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A	Drilling Foreman: Tim Kelly	
Sampler: 48-inch Macrocore		Field Engineer: Roswell Lo	
Sampler Hammer: N/A	Weight (lbs): N/A / Drop (in): N/A		

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	CONCRETE	0					0.0	Sample SB04_0-2
		Brown to gray fine SAND, trace silt, trace fine gravel, brick, coal, coalash (moist) [FILL]	1	M-1	Macrocore	35/40		0.0	
			2					0.0	
			3					0.0	
			4					0.0	
		Dark brown fine SAND, trace fine gravel, trace silt, brick, coal, coalash [FILL]	5	M-2A				0.0	
		Brown to orange fine SAND, trace fine gravel, trace silt (moist) [SP]	6	M-2B	Macrocore	25/48		0.0	
			7					0.0	
		Brown to green fine SAND, trace fine gravel, trace silt (moist) [SP]	8					0.0	
			9 ▽					0.0	
			10	M-3	Macrocore	33/48		0.0	Sample SB04_10-12
			11					0.0	
		Brown to tan fine SAND, trace fine gravel, trace silt (moist) [SP]	12					0.0	
			13	M-4	Macrocore	24/24		0.0	
		End of Boring at 14ft.	14						Refusal at 14 ft . backfilled to grade with clean soil cuttings and capped at grade with concrete
			15						
			16						

LANGAN

Log of Boring **SB05** Sheet 1 of 1

Project: 383 Morris Avenue	Project No.: 170790501
Location: Bronx, New York	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Inc	Date Started: 9/20/2023 — Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig	Completion Depth: 16.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 9.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 48-inch Macrocore	Field Engineer: Ali Reach
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	Tannish brown fine SAND, trace silt, trace fine gravel, concrete, brick, glass (dry) [FILL]	0					0.0	
			1					0.0	Sample SB05_0-2
			2	M-1	Macrocore	42/48		0.0	
			3					0.0	
		Tannish brown fine SAND, concrete, trace silt, trace fine gravel, brick, glass (dry) [FILL]	4					0.0	
			5	M-2A				0.0	
		Tan fine to medium SAND, trace fine gravel, trace silt (moist) [SP]	6		Macrocore	46/48		0.0	
			7	M-2B				0.0	
		Brownish tan fine to medium SAND, trace fine gravel, trace silt, trace coarse sand (wet) [SP]	8					0.0	
			9 ▽					0.0	
			10	M-3	Macrocore	30/48		0.0	
			11					0.0	
		Brownish tan fine to medium SAND, trace fine gravel, trace silt, trace coarse sand (wet) [SP]	12					0.0	Sample SB05_12-14
				M-4A				0.0	
		White [WEATHERED ROCK]	13	M-4B				0.0	
		Brownish tan fine to medium SAND, trace fine gravel, trace silt, trace coarse sand (wet) [SP]	14					0.0	
			15	M-4C	Macrocore	27/48			
			16						

End of Boring at 16ft.

LANGAN

Log of Boring **SB06** Sheet 1 of 1

Project: 383 Morris Avenue	Project No.: 170790501
Location: Bronx, New York	Elevation and Datum: N/A
Drilling Company: Lakewood Environmental Services Inc	Date Started: 9/20/2023 — Date Finished: 9/21/2023
Drilling Equipment: 6610 DT Geoprobe Drill Rig	Completion Depth: 14.0 ft — Rock Depth: Not Encountered
Size and Type of Bit: 2.25 inch OD/2 inch ID Direct Push	Number of Samples: Disturbed 4 — Undisturbed 0 — Core 0
Casing Diameter (in): N/A — Casing Depth (ft): N/A	Water Level (ft.): First ▽ 10.0 — Completion ▼ N/A — 24 HR. ▼ N/A
Casing Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	Drilling Foreman: Tim Kelly
Sampler: 48-inch Macrocore	Field Engineer: Ali Reach
Sampler Hammer: N/A — Weight (lbs): N/A — Drop (in): N/A	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Number	Type	Recov. (in)	Penetr-resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Casing Depth, Fluid Loss, Drilling Resistance, etc.)
	0.0	Tannish brown fine SAND, trace silt, concrete, trace fine gravel, brick (moist) [FILL]	0					0.0	
								57.0	0.5ft to 1ft bgs tar/asphalt
			1					0.0	
								0.0	Sample SB06_0-2
			2	M-1	Macrocore	22/48			
			3						
		Tannish brown fine SAND, trace silt, concrete, trace fine gravel, brick, asphalt (moist) [FILL]	4					0.0	
								0.0	
			5	M-2A				0.0	
								0.0	
		Light tan fine to medium SAND, trace silt (moist) [SP]	6		Macrocore	32/48		0.0	
				M-2B				0.0	
		Light tan fine to medium SAND, trace silt (moist) [SP]	7						
			8					0.0	
				M-3A				0.0	
		White [WEATHERED ROCK]	9	M-3B				0.0	
		Light tan coarse SAND, trace silt, trace fine gravel (wet) [SP] ▽						0.0	
			10		Macrocore	32/48		0.0	Sample SB06_10-12
				M-3C				0.0	
			11						
		Light tan coarse to medium SAND, trace silt, trace fine gravel (wet) [SP]	12					0.0	
								0.0	
			13	M-4	Macrocore	24/24		0.0	
								0.0	
		End of Boring at 14ft.	14						Refusal at 14 ft
			15						
			16						

Attachment 3

Monitoring Well Construction and Groundwater Sampling Logs

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW01

PROJECT		PROJECT NO.	
383 Morris Avenue		170790501	
LOCATION		**ELEVATION AND DATUM**	
Bronx, NY		el. N/A NAVD88	
DRILLING AGENCY		**DATE STARTED**	**DATE FINISHED**
Lakewood Environmental Services Corp.		9/20/2023	9/20/2023
DRILLING EQUIPMENT		**DRILLER**	
Geoprobe® 6610 DT		Tim Kelly	
SIZE AND TYPE OF BIT		**INSPECTOR**	
2-inch Direct Push		Ali Reach	
BOREHOLE DIAMETER		**TYPE OF WELL (OVERBURDEN / BEDROCK)**	
2-inch		Overburden	
RISER MATERIAL	**DIAMETER**	**TYPE OF BACKFILL MATERIAL**	
PVC	1-inch	No. 1 Sand	
TYPE OF SCREEN	**DIAMETER**	**TYPE OF WELL PACK**	**TYPE OF SEAL MATERIAL**
PVC No. 10 Slot	1-inch	No. 1 Sand	Bentonite

METHOD OF INSTALLATION

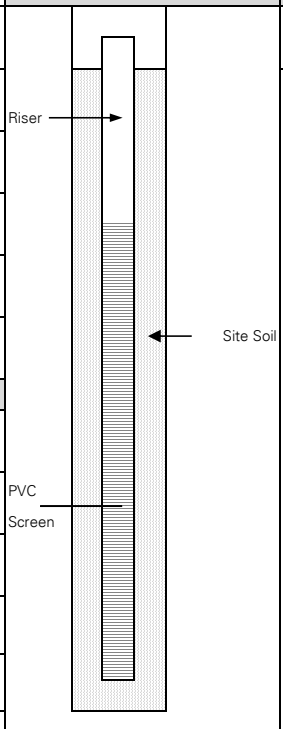
Geoprobe 6610 DT was used to advance the boring until refusal was encountered at approximately 15 feet bgs. A one-inch (1") PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface.

WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	**TYPE PUMP**	N/A	**DEVELOPMENT CONFIRMATION**
DRILLER OR LANGAN	Langan	**MAX PUMP RATE**	N/A	Well will be purged prior to sampling.
NUMBER OF SURGE CYCLES	N/A	**TOTAL VOLUME**	N/A	

TOP OF CASING **ELEVATION** N/A	**DEPTH (ft)** 0	
TOP OF SEAL **ELEVATION** N/A	**DEPTH (ft)** N/A	
TOP OF FILTER **ELEVATION** N/A	**DEPTH (ft)** N/A	
TOP OF SCREEN **ELEVATION** N/A	**DEPTH (ft)** 5	
BOTTOM OF BORING **ELEVATION** N/A	**DEPTH (ft)** 15	
SCREEN LENGTH	10 feet	
SLOT SIZE	No. 10 Slot; 0.010 Inches	

WELL DETAILS



SUMMARY SOIL CLASSIFICATION

DEPTH (FT)

0
5
15

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	9/20/2023	10.7 ft
		ft

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW02

PROJECT			PROJECT NO.	
383 Morris Avenue			170790501	
LOCATION			ELEVATION AND DATUM	
Bronx, NY			el. N/A NAVD88	
DRILLING AGENCY			DATE STARTED	DATE FINISHED
Lakewood Environmental Services Corp.			9/20/2023	9/20/2023
DRILLING EQUIPMENT			DRILLER	
Geoprobe® 6610 DT			Tim Kelly	
SIZE AND TYPE OF BIT			INSPECTOR	
2-inch Direct Push			Ali Reach	
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)	
2-inch			Overburden	
RISER MATERIAL	DIAMETER		TYPE OF BACKFILL MATERIAL	
PVC	1-inch		No. 1 Sand	
TYPE OF SCREEN	DIAMETER		TYPE OF WELL PACK	TYPE OF SEAL MATERIAL
PVC No. 10 Slot	1-inch		No. 1 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring until refusal was encountered at approximately 15 feet bgs. A one-inch (1") PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 5 to 15 feet bgs with riser from 5 feet bgs to surface.

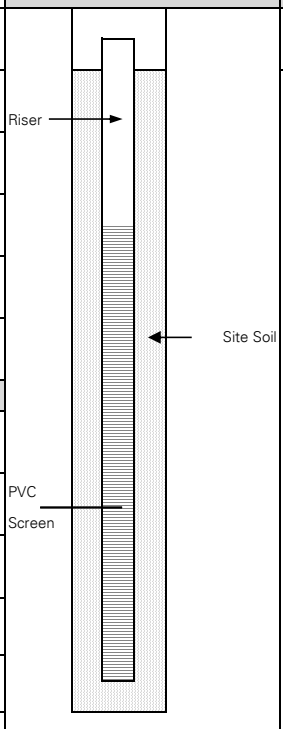
WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	TYPE PUMP	N/A	DEVELOPMENT CONFIRMATION
DRILLER OR LANGAN	Langan	MAX PUMP RATE	N/A	Well will be purged prior to sampling.
NUMBER OF SURGE CYCLES	N/A	TOTAL VOLUME	N/A	

TOP OF CASING ELEVATION: N/A	DEPTH (ft): 0	
TOP OF SEAL ELEVATION: N/A	DEPTH (ft): N/A	
TOP OF FILTER ELEVATION: N/A	DEPTH (ft): N/A	
TOP OF SCREEN ELEVATION: N/A	DEPTH (ft): 5	
BOTTOM OF BORING ELEVATION: N/A	DEPTH (ft): 15	
SCREEN LENGTH: 10 feet		
SLOT SIZE: No. 10 Slot; 0.010 Inches		

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	9/20/2023	11 ft
		ft



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	5
	15

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

WELL CONSTRUCTION AND DEVELOPMENT SUMMARY

Well No. MW03

PROJECT			PROJECT NO.	
383 Morris Avenue			170790501	
LOCATION			ELEVATION AND DATUM	
Bronx, NY			el. N/A NAVD88	
DRILLING AGENCY			DATE STARTED	DATE FINISHED
Lakewood Environmental Services Corp.			9/21/2023	9/21/2023
DRILLING EQUIPMENT			DRILLER	
Geoprobe® 6610 DT			Tim Kelly	
SIZE AND TYPE OF BIT			INSPECTOR	
2-inch Direct Push			Ali Reach	
BOREHOLE DIAMETER			TYPE OF WELL (OVERBURDEN / BEDROCK)	
2-inch			Overburden	
RISER MATERIAL	DIAMETER		TYPE OF BACKFILL MATERIAL	
PVC	1-inch		No. 1 Sand	
TYPE OF SCREEN	DIAMETER		TYPE OF WELL PACK	TYPE OF SEAL MATERIAL
PVC No. 10 Slot	1-inch		No. 1 Sand	Bentonite

METHOD OF INSTALLATION

Geoprobe 6610 DT was used to advance the boring until refusal was encountered at approximately 14 feet bgs. A one-inch (1") PVC monitoring well was installed which consisted of 10' of 10 slot (0.010-inch) well screen, and a solid 1" PVC riser. Well screen was installed from approximately 4 to 14 feet bgs with riser from 4 feet bgs to surface.

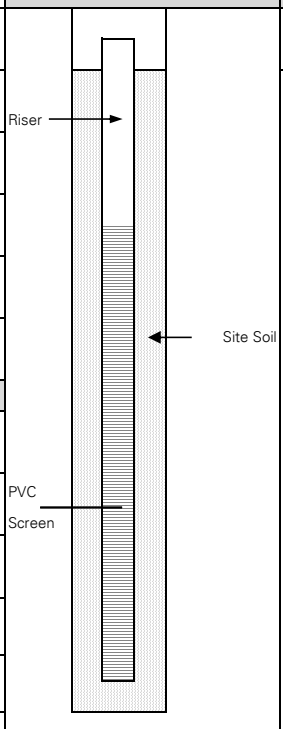
WELL DEVELOPMENT DATA

SURGE BLOCK DIAMETER	N/A	TYPE PUMP	N/A	DEVELOPMENT CONFIRMATION
DRILLER OR LANGAN	Langan	MAX PUMP RATE	N/A	Well will be purged prior to sampling.
NUMBER OF SURGE CYCLES	N/A	TOTAL VOLUME	N/A	

TOP OF CASING ELEVATION: N/A	DEPTH (ft): 0	
TOP OF SEAL ELEVATION: N/A	DEPTH (ft): N/A	
TOP OF FILTER ELEVATION: N/A	DEPTH (ft): N/A	
TOP OF SCREEN ELEVATION: N/A	DEPTH (ft): 4	
BOTTOM OF BORING ELEVATION: N/A	DEPTH (ft): 14	
SCREEN LENGTH: 10 feet		
SLOT SIZE: No. 10 Slot; 0.010 Inches		

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
	9/20/2023	11.2 ft
		ft



SUMMARY SOIL CLASSIFICATION	DEPTH (FT)
	0
	4
	14

LANGAN Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

21 Penn Plaza, 360 West 31st Street, 8th Floor, New York

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	383 Morris Avenue	**Well No:**	MW01	**Water Quality Device Model:**	U-5000	**Weather:**	66F, Cloudy		MW01_092223
Project Number:	170790501	**Well Depth:**	12.93	**Pine Number:**	HT4Y26AL	**Background PID (ppm):**	0.0	**Sample(s):**	
Site Location:	Bronx, NY	**Well Diameter:**	1 in	**Pump Make and Model:**	Geopump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	RL	**Well Screen**	4	**Pine Number:**	FA00729	**Pump Intake Depth:**	12.90	**Sample Date:**	9/22/2023
Personnel:		**Interval:**	14	**Tubing Diameter:**	3/8 Inch ID	**Depth to Water Before Purge:**	12.2	**Sample Time:**	14:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
14:05	23.76	7.32	89	0.947	204.0	6.04	11.15	0.1			**N/A**
14:10	23.61	7.33	91	0.950	186.0	5.68	11.15	0.1			**N/A**
14:15	23.14	7.34	105	0.961	189.0	5.51	11.15	0.1			**N**
14:20	23.18	7.29	116	0.967	193.0	5.33	11.00	0.1			**N**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	383 Morris Avenue	**Well No:**	MW02	**Water Quality Device Model:**	U-5000	**Weather:**	66F, Cloudy		MW02_092223
Project Number:	170790501	**Well Depth:**	14.1	**Pine Number:**	HT4Y26AL	**Background PID (ppm):**	0.0	**Sample(s):**	GWDUP01_092223
Site Location:	Bronx, NY	**Well Diameter:**	1 in	**Pump Make and Model:**	Geopump	**PID Beneath Inner Cap (ppm):**	0		
Sampling	RL	**Well Screen**	5	**Pine Number:**	FA00729	**Pump Intake Depth:**		**Sample Date:**	9/22/2023
Personnel:		**Interval:**	15	**Tubing Diameter:**	3/8 Inch ID	**Depth to Water Before Purge:**	11.55	**Sample Time:**	10:00

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
9:00	19.94	7.21	-46	1.140	449.0	9.57	13.50	0.1			**N/A**
9:05	19.95	7.24	-51	1.130	852.0	9.54	13.50	0.1			**N/A**
9:10	19.85	7.24	-50	1.130	187.0	9.37	13.50	0.1			**N**
9:15	19.83	7.21	-42	1.120	94.7	9.27	13.50	0.1			**N**
9:20	19.77	7.21	-43	1.120	84.6	8.25	13.50	0.1			**N**
9:25	19.75	7.20	-47	1.120	44.6	9.87	13.50	0.1			**N**
9:30	19.75	7.19	-45	1.120	31.8	8.41	13.50	0.1			**N**
9:35	19.77	7.19	-39	1.120	34.3	8.89	13.50	0.1			**N**
9:40	19.85	7.20	-35	1.120	37.0	8.91	13.50	0.1			**N**
9:45	19.86	7.20	-34	1.120	35.0	8.30	13.50	0.1			**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Project Information		Well Information		Equipment Information		Sampling Conditions		Sampling Information	
Project Name:	383 Morris Avenue	**Well No:**	MW03	**Water Quality Device Model:**	U-5000	**Weather:**	66F, Cloudy		MW03_092223
Project Number:	170790501	**Well Depth:**	14	**Pine Number:**	HT4Y26AL	**Background PID (ppm):**	0.5	**Sample(s):**	
Site Location:	Bronx, NY	**Well Diameter:**	1 in	**Pump Make and Model:**	Geopump	**PID Beneath Inner Cap (ppm):**	0.5		
Sampling	RL	**Well Screen**	4	**Pine Number:**	FA00729	**Pump Intake Depth:**		**Sample Date:**	9/22/2023
Personnel:		**Interval:**	14	**Tubing Diameter:**	3/8 Inch ID	**Depth to Water Before Purge:**	11.2	**Sample Time:**	14:30

STABILIZATION = 3 successive readings within limits

TIME	TEMP °Celsius (+/- 3%)	PH (+/- 0.1)	ORP mV (+/- 10mV)	CONDUCTIVITY mS/cm (+/- 3%)	TURBIDITY ntu (+/- 10%) above 5 NTU	DO mg/l (+/- 10%) above 0.5 mg/l	DTW ft Drawdown < 0.33 ft	Flow Rate (gpm) <0.13 gpm)	Cumulative Discharge Volume (Gal)	NOTES color, odor etc.	Stabilized?
BEGIN PURGING											
14:55	23.20	7.07	-45	2.640	420.0	6.21	11.40	0.1			**N/A**
15:00	22.03	7.08	-49	2.690	315.0	6.20	11.40	0.1			**N/A**
15:05	21.58	7.06	-48	2.690	91.1	5.82	11.40	0.1			**N**
15:10	21.36	7.03	-41	2.710	64.5	5.63	11.40	0.1			**N**
15:15	21.21	6.98	-36	2.730	29.3	5.66	11.40	0.1			**N**
15:20	20.97	6.98	-27	2.720	13.9	5.33	11.40	0.1			**N**
15:25	20.94	6.98	-28	2.720	14.9	5.27	11.40	0.1			**N**
15:30	20.89	6.89	-24	2.730	14.2	5.24	11.40	0.1			**Y**

Notes:

1. Well depths and groundwater depths were measured in feet below the top of well casing.
2. Well and tubing diameters are measured in inches.
3. PID = Photoionization Detector
4. PPM = Parts per million
5. pH = Hydrogen ion concentration
6. ORP = Oxidation-reduction potential, measured in millivolts (mV)
7. DO = Dissolved Oxygen, measured in milligrams per liter (mg/L)
8. DTW = Depth to water
9. mS/cm = milli-Siemens per centimeter
10. NTU = Nephelometric Turbidity Unit

Attachment 4

Soil Vapor Sampling Logs

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV01_092123

PROJECT: 383 Morris Avenue	**PROJECT NO.:** 170790501	
LOCATION: Bronx, NY	**SURFACE ELEVATION AND DATUM:** N/A	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services	**INSTALLATION DATE STARTED:** 9/20/2023	**DATE FINISHED:** 9/20/2023
INSTALLATION FOREMAN: Tim Kelly	**SAMPLE DATE STARTED:** 9/21/2023	**DATE FINISHED:** 9/21/2023
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Roswell Lo	**SAMPLER:** Roswell Lo	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70-72 °F Sunny Wind: NE 0-5 MPH Precipitation: None Pressure: 30.23 in	

METHOD OF INSTALLATION AND PURGING:

Advance Geoprobe 6610 DT to 4 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 2 feet bgs, and seal to surface with hydrated bentonite.The sample location was purged using a MultiRAE PGM-6228. The integrity of the seal was tested via a helium tracer test.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2.25 in	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.8	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	24.1%	28.6%
HELIUM TEST IN TUBE (PPM):	0.00	0.00
SAMPLE START TIME:	14:06	
SAMPLE STOP TIME:	16:26	
TOTAL SAMPLE TIME (MIN):	120	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.8	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	10737	
REGULATOR SERIAL NUMBER:	7090	
CAN START VACUUM PRESS. (" HG):	-32	
CAN STOP VACUUM PRESS. (" HG):	-11	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE		
Top of Seal	0.00	
Top of Pack	2.00	
Probe Depth	4 ft	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

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SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV02_092123

PROJECT: 383 Morris Avenue	**PROJECT NO.:** 170790501	
LOCATION: Bronx, NY	**SURFACE ELEVATION AND DATUM:** N/A	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services	**INSTALLATION DATE STARTED:** 9/20/2023	**DATE FINISHED:** 9/20/2023
INSTALLATION FOREMAN: Tim Kelly	**SAMPLE DATE STARTED:** 9/21/2023	**DATE FINISHED:** 9/21/2023
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Roswell Lo	**SAMPLER:** Roswell Lo	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70-72 °F Sunny Wind: NE 0-5 MPH Precipitation: None Pressure: 30.23 in	

METHOD OF INSTALLATION AND PURGING:

Advance Geoprobe 6610 DT to 4 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 2 feet bgs, and seal to surface with hydrated bentonite.The sample location was purged using a MultiRAE PGM-6228. The integrity of the seal was tested via a helium tracer test.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2.25 in	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	32.0%	27.5%
HELIUM TEST IN TUBE (PPM):	0.00	0.00
SAMPLE START TIME:	14:04	
SAMPLE STOP TIME:	16:04	
TOTAL SAMPLE TIME (MIN):	120	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	37003	
REGULATOR SERIAL NUMBER:	17177	
CAN START VACUUM PRESS. (" HG):	-30.5	
CAN STOP VACUUM PRESS. (" HG):	-7	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)	**DEPTH (FEET FROM SURFACE)**	**NOTES**
SURFACE / SURFACE		
Top of Seal	0.00	
Top of Pack	2.00	
Probe Depth	4 ft	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

SOIL VAPOR SAMPLING LOG SHEET

Sample Number: SV03_092123

PROJECT: 383 Morris Avenue	**PROJECT NO.:** 170790501	
LOCATION: Bronx, NY	**SURFACE ELEVATION AND DATUM:** N/A	
DRILLING FIRM OR LANGAN INSTALLER: Lakewood Environmental Services	**INSTALLATION DATE STARTED:** 9/21/2023	**DATE FINISHED:** 9/21/2023
INSTALLATION FOREMAN: Tim Kelly	**SAMPLE DATE STARTED:** 9/21/2023	**DATE FINISHED:** 9/21/2023
INSTALLATION EQUIPMENT: Geoprobe® 6610 DT	**TYPE OF SAMPLING DEVICE:** 6-Liter Summa Canister	
INSPECTOR: Roswell Lo	**SAMPLER:** Roswell Lo	
POTENTIAL SAMPLE INTERFERENCES: None	**WEATHER CONDITIONS (PRECIP., TEMP., PRESS., WIND SPEED AND DIR.):** Temp: 70-72 °F Sunny Wind: NE 0-5 MPH Precipitation: None Pressure: 30.23 in	

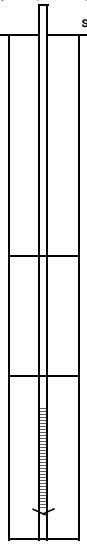
METHOD OF INSTALLATION AND PURGING:

Advance Geoprobe 6610 DT to 4 feet below grade surface (bgs), install 2-inch soil vapor probe, backfill with No. 2 sand to 2 feet bgs, and seal to surface with hydrated bentonite.The sample location was purged using a MultiRAE PGM-6228. The integrity of the seal was tested via a helium tracer test.

TUBING TYPE/DIAMETER: 1/4-Inch Teflon-lined Polyethylene Tubing	**TYPE OF MATERIAL ABOVE SEAL:** No. 2 Sand
IMPLANT SCREEN TYPE/LENGTH/DIAMETER: 2-Inch Polyethylene Probe	**SEAL MATERIAL (Bentonite, Beeswax, Modeling Clay, etc.):** Bentonite
BOREHOLE DIAMETER: 2.25 in	**FILTER PACK MATERIAL (Sand or Glass Beads):** No. 2 Sand

PURGE VOLUME (L):	1.00	
PURGE FLOW RATE (ML/MIN):	200	
PID AFTER PURGE (PPM):	0.8	
HELIUM TESTS	Pre-sampling	Post-sampling
HELIUM TEST IN BUCKET(%):	27.6%	29.4%
HELIUM TEST IN TUBE (PPM):	0.00	0.00
SAMPLE START TIME:	14:02	
SAMPLE STOP TIME:	16:02	
TOTAL SAMPLE TIME (MIN):	120	
REGULATOR FLOW RATE (L/MIN):	0.05	
VOLUME OF SAMPLE (LITERS):	6	
PID AFTER SAMPLE (PPM):	0.8	
SAMPLE MOISTURE CONTENT:	N/A	
CAN SERIAL NUMBER:	22076	
REGULATOR SERIAL NUMBER:	7433	
CAN START VACUUM PRESS. (" HG):	-30	
CAN STOP VACUUM PRESS. (" HG):	-6	

IMPLANT/PROBE DETAILS (SEAL, FILTER, ETC.)



	DEPTH (FEET FROM SURFACE)	NOTES
Top of Seal	0.00	
Top of Pack	2.00	
Probe Depth	4 ft	

SAMPLE LOCATION SKETCH

See Sample Location Plan

NOTES

Langan Engineering, Environmental, Surveying, Landscape Architecture, and Geology D.P.C.
21 Penn Plaza, 360 West 31st Street, 8th Floor, New York, New York 10001-2727

Attachment 5

Laboratory Analytical Reports

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Report Date: 09/29/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1345

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: 09/29/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1345

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 20, 2023 and listed below. The project was identified as your project: **170790501**.

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
23I1345-01	SB06_0-2	Soil	09/20/2023	09/20/2023
23I1345-02	SB06_10-12	Soil	09/20/2023	09/20/2023
23I1345-03	SB01_0-2	Soil	09/20/2023	09/20/2023
23I1345-04	SB01_12-14	Soil	09/20/2023	09/20/2023
23I1345-05	SB02_0-2	Soil	09/20/2023	09/20/2023
23I1345-07	SB02_12-14	Soil	09/20/2023	09/20/2023
23I1345-08	SB05_0-2	Soil	09/20/2023	09/20/2023
23I1345-09	SB05_12-14	Soil	09/20/2023	09/20/2023
23I1345-10	EBFB01_092023	Water	09/20/2023	09/20/2023

General Notes for York Project (SDG) No.: 23I1345

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

Approved By  **Date:** 09/29/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.083	0.17	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.042**	ICVE	mg/kg dry	0.0083	0.017	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0083	0.017	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0042	0.0083	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.025	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:30	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.186**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.183	0.365	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.0729**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.183	0.365	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.321**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.364**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.485**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.256**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.159**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.194**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.323**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0605**	J	mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0912	0.182	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.650**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.281**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**0.0955**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.225**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.545**		mg/kg dry	0.0457	0.0912	2	EPA 8270D	09/27/2023 08:52	09/27/2023 23:39	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*39.3 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*38.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.3 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*41.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.3 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.9 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0183	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 16:47	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*45.4 %*	*39-127.5*

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**	**0.00606**		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	**4,4'-DDE**	**0.00620**		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	**4,4'-DDT**	**0.0492**		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0361	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

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		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	**Methoxychlor**	**0.0184**		mg/kg dry	0.00902	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0913	5	EPA 8081B	09/28/2023 08:00	09/28/2023 17:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*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	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND	PCB-I	mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:08	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0222	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0222	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0222	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*48.4 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9240**		mg/kg dry	4.61	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.31	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**11.0**		mg/kg dry	1.38	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**158**		mg/kg dry	2.30	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**4.52**		mg/kg dry	0.277	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**58100**		mg/kg dry	4.62	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**36.8**		mg/kg dry	0.462	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**9.15**		mg/kg dry	0.369	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**45.3**		mg/kg dry	1.85	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

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
7439-89-6	**Iron**	**17200**		mg/kg dry	23.1	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**295**		mg/kg dry	0.462	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**11400**		mg/kg dry	4.62	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**481**		mg/kg dry	0.462	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**22.2**		mg/kg dry	0.919	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1830**		mg/kg dry	4.62	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.465	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**317**		mg/kg dry	46.2	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**3.37**	M-CCV 1	mg/kg dry	2.31	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.3**		mg/kg dry	0.919	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**589**		mg/kg dry	2.30	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:38	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.30**		mg/kg dry	0.0332	1	EPA 7473	09/26/2023 15:17	09/26/2023 21:45	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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**	**2.92**		mg/kg dry	0.554	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB06_0-2 **York Sample ID:** 23I1345-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:00 am	09/20/2023

16065-83-1	* Chromium, Trivalent	34.2	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	7.20		mg/kg dry	0.554	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.3		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.087	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0044	0.0087	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260D	09/21/2023 09:51	09/21/2023 18:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*108 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.185	0.371	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.185	0.371	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0926	0.185	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0464	0.0926	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*52.5 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.0 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.7 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0194	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 17:04	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*45.4 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

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		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00919	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0930	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:09	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.1 %*	*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	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:22	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0221	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:47	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0221	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:47	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0221	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:47	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*82.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3330**		mg/kg dry	4.65	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.74**		mg/kg dry	1.40	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**18.1**		mg/kg dry	2.32	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.254**		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**128000**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**5.24**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.37**		mg/kg dry	0.372	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**5.28**		mg/kg dry	1.86	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

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
7439-89-6	**Iron**	**5170**		mg/kg dry	23.3	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.31**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**73500**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**213**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**3.79**		mg/kg dry	0.927	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**511**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**32.4**		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND	M-CCV 1	mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	Sodium	ND		mg/kg dry	46.6	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**6.87**		mg/kg dry	0.927	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**18.1**		mg/kg dry	2.32	1	EPA 6010D	09/26/2023 17:32	09/27/2023 17:41	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0335	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.559	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB06_10-12 **York Sample ID:** 23I1345-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 11:05 am	09/20/2023

16065-83-1	* **Chromium, Trivalent**	**5.24**	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	0.559	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.5**		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.048	0.095	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0091**		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

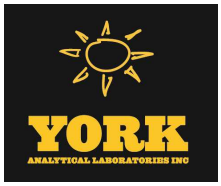
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.035**		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: **SB01_0-2** **York Sample ID:** **23I1345-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	09/26/2023 09:02	09/26/2023 12:09	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*99.0 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.0903**	J	mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.113**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.253**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.187	0.374	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**1.07**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**1.11**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.39**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.691**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.552**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.223**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.383**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.116**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.12**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.119**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0934	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:			
206-44-0	**Fluoranthene**	**2.35**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0769**	J	mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.804**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.08**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.74**		mg/kg dry	0.0468	0.0934	2	EPA 8270D	09/27/2023 08:52	09/28/2023 00:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.0 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*56.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0196	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 17:21	KH
							Certifications: NELAC-NY10854			

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*45.9 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD [2C]	ND	P	mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	**4,4'-DDE**	**0.00285**	P	mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	**4,4'-DDT**	**0.0212**		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND	P	mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

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		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	**Endrin [2C]**	**0.00252**		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00924	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0935	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:25	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*99.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.2 %*	*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	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:35	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*43.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 20:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*59.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**12300**		mg/kg dry	4.68	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**3.94**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.47**		mg/kg dry	1.40	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**154**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.532**		mg/kg dry	0.281	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**39500**		mg/kg dry	4.68	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**24.2**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.374	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**38.0**		mg/kg dry	1.87	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

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
7439-89-6	**Iron**	**20400**		mg/kg dry	23.4	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**173**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**16600**		mg/kg dry	4.69	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**310**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**20.7**		mg/kg dry	0.933	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4070**		mg/kg dry	4.69	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**288**		mg/kg dry	46.8	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**2.94**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**36.9**		mg/kg dry	0.933	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**159**		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:29	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.994**		mg/kg dry	0.0337	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB01_0-2 **York Sample ID:** 23I1345-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:00 pm	09/20/2023

16065-83-1	* **Chromium, Trivalent**	**24.2**	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**89.0**		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.095	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0095	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260D	09/21/2023 09:51	09/21/2023 19:48	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.167	0.335	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.167	0.335	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0835	0.167	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0419	0.0835	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.0 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.8 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*52.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*54.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*84.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.7 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0196	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 17:39	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.3 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0326	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

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		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00163	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00816	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0826	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:42	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*92.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.6 %*	*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	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0165	1	EPA 8082A	09/28/2023 08:00	09/28/2023 20:49	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*70.0 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.0 %*		*30-140*						

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0201	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0201	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0201	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1450**		mg/kg dry	4.23	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.11	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**3.96**		mg/kg dry	1.27	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**7.39**		mg/kg dry	2.11	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.300**		mg/kg dry	0.043	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.254	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**204000**		mg/kg dry	4.23	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**1.33**		mg/kg dry	0.423	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**1.72**		mg/kg dry	0.338	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/kg dry	1.69	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

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
7439-89-6	**Iron**	**3070**		mg/kg dry	21.1	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/kg dry	0.423	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**124000**		mg/kg dry	4.23	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**313**		mg/kg dry	0.423	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/kg dry	0.842	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**35.0**		mg/kg dry	4.23	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**36.0**		mg/kg dry	2.11	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**2.04**		mg/kg dry	0.426	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**79.8**		mg/kg dry	42.3	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.11	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**2.21**		mg/kg dry	0.842	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**3.53**		mg/kg dry	2.11	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:32	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0305	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.508	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB01_12-14 **York Sample ID:** 23I1345-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 12:05 pm	09/20/2023

16065-83-1	* **Chromium, Trivalent**	**1.33**	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	0.508	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**98.5**		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0033**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0092**	ICVE, J	mg/kg dry	0.0050	0.010	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260D	09/21/2023 09:51	09/21/2023 20:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0600**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.0939**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.181	0.362	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.469**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.473**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.671**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.356**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.253**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0795**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.382**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.0506**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.509**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0686**	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.987**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.399**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.464**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.843**		mg/kg dry	0.0453	0.0904	2	EPA 8270D	09/27/2023 08:52	09/28/2023 01:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.4 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*39.7 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*40.8 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*42.3 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*23.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0194	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 17:56	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*41.2 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	**4,4'-DDE**	**0.00300**		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	**4,4'-DDT**	**0.0226**		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0364	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	**Dieldrin**	**0.00636**		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

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		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00182	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00909	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0920	5	EPA 8081B	09/28/2023 08:00	09/28/2023 18:58	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.4 %*	*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	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0184	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:03	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*37.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10900**		mg/kg dry	4.65	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**9.92**		mg/kg dry	1.40	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**188**		mg/kg dry	2.32	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.300**		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.30**		mg/kg dry	0.279	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**73700**		mg/kg dry	4.65	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**15.6**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.32**		mg/kg dry	0.372	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**29.6**		mg/kg dry	1.86	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

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
7439-89-6	**Iron**	**14700**		mg/kg dry	23.3	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**304**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**29600**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**359**		mg/kg dry	0.466	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**17.5**		mg/kg dry	0.927	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1720**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**3.49**		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**628**		mg/kg dry	46.5	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**23.6**		mg/kg dry	0.927	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**269**		mg/kg dry	2.32	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.767**		mg/kg dry	0.0335	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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**	**1.34**		mg/kg dry	0.558	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB02_0-2 **York Sample ID:** 23I1345-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:00 pm	09/20/2023

16065-83-1	* Chromium, Trivalent	14.4	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	0.558	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.6		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

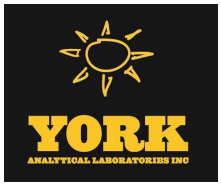
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0048	0.0097	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: **SB02_12-14** **York Sample ID:** **23I1345-07**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:05	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.173	0.346	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.173	0.346	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0864	0.173	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0433	0.0864	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:13	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*47.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*42.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.4 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*45.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*69.6 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*47.1 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0198	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 18:31	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.2 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	**4,4'-DDE**	**0.00205**		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	**4,4'-DDT**	**0.00347**		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

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		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00174	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00869	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0880	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.4 %*	*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	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	**Aroclor 1242**	**0.118**		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs**	**0.118**		mg/kg dry	0.0175	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:17	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*93.2 %*	*21-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2320**		mg/kg dry	4.43	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.22	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.18**		mg/kg dry	1.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**12.1**		mg/kg dry	2.21	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.273**		mg/kg dry	0.045	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.266	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**192000**		mg/kg dry	4.43	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**2.78**		mg/kg dry	0.444	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.31**		mg/kg dry	0.354	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**6.90**		mg/kg dry	1.77	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

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
7439-89-6	**Iron**	**3280**		mg/kg dry	22.2	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**3.79**		mg/kg dry	0.444	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**114000**		mg/kg dry	4.44	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**212**		mg/kg dry	0.444	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**1.97**		mg/kg dry	0.883	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**212**		mg/kg dry	4.44	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**38.3**		mg/kg dry	2.22	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	**Silver**	**1.06**		mg/kg dry	0.447	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**79.7**		mg/kg dry	44.3	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.22	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**5.42**		mg/kg dry	0.883	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**15.2**		mg/kg dry	2.21	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0319	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.532	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB02_12-14 **York Sample ID:** 23I1345-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 1:10 pm	09/20/2023

16065-83-1	* **Chromium, Trivalent**	**2.78**	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	0.532	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**94.0**		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND	ICVE	mg/kg dry	0.0047	0.0094	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	QL-02, CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**0.0035**	CCVE, QL-02, J	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by 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	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:31	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**0.148**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.0986**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	**Anthracene**	**0.273**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.187	0.374	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**1.04**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**1.09**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**1.42**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.731**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.538**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0867**	J	mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**0.151**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**1.05**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**0.134**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**0.0545**	J	mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0935	0.187	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:			
206-44-0	**Fluoranthene**	**2.28**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**0.0964**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.816**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	**Isophorone**	**0.215**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**1.18**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**1.79**		mg/kg dry	0.0468	0.0935	2	EPA 8270D	09/27/2023 08:52	09/28/2023 02:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**							
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.6 %*		*20-108*							
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.7 %*		*23-114*							
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.6 %*		*22-108*							
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*		*21-113*							
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*73.8 %*		*19-110*							
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*50.3 %*		*24-116*							

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0192	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 18:49	KH
							Certifications: NELAC-NY10854			
	Surrogate Recoveries	**Result**		**Acceptance Range**						
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.9 %*		*39-127.5*						

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00924	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0936	5	EPA 8081B	09/28/2023 08:00	09/28/2023 19:32	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*88.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.8 %*	*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	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

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
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	09/28/2023 08:00	09/28/2023 21:30	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*71.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**19100**		mg/kg dry	4.68	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	**Antimony**	**11.3**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**17.5**		mg/kg dry	1.41	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**74.4**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.322**		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**1360**		mg/kg dry	4.68	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**27.4**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**15.3**		mg/kg dry	0.374	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**26.0**		mg/kg dry	1.87	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**35700**		mg/kg dry	23.4	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**30.7**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**6060**		mg/kg dry	4.69	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**1120**		mg/kg dry	0.469	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**26.3**		mg/kg dry	0.933	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1690**		mg/kg dry	4.69	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**304**		mg/kg dry	46.8	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**16.0**		mg/kg dry	2.34	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**38.5**		mg/kg dry	0.933	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**61.5**		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

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

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.379**		mg/kg dry	0.0337	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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**	**0.944**		mg/kg dry	0.562	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

Chromium, Trivalent

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

Sample Information

Client Sample ID: SB05_0-2 **York Sample ID:** 23I1345-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:00 pm	09/20/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	26.6		mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
							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	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.9		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB05_12-14** **York Sample ID:** **23I1345-09**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0087**	ICVE, J	mg/kg dry	0.0049	0.0098	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0049	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260D	09/21/2023 09:51	09/21/2023 21:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*120 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*111 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.196	0.391	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.196	0.391	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.0656**	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0562**	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D	09/27/2023 08:52	09/28/2023 03:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*5.80 %*	S-08		*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*21.0 %*	S-08		*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*4.84 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*58.0 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0198	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 19:07	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.6 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

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		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00964	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0975	5	EPA 8081B	09/28/2023 08:24	09/28/2023 20:55	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*115 %*	*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	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	09/28/2023 08:24	09/29/2023 01:23	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*81.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0232	1	EPA 8151A	09/26/2023 08:17	09/26/2023 19:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0232	1	EPA 8151A	09/26/2023 08:17	09/26/2023 19:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0232	1	EPA 8151A	09/26/2023 08:17	09/26/2023 19:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*61.4 %*	*21-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3680**		mg/kg dry	4.95	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.47	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.69**		mg/kg dry	1.48	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**34.0**		mg/kg dry	2.47	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.282**		mg/kg dry	0.050	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.297	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**175000**		mg/kg dry	4.95	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**7.52**		mg/kg dry	0.495	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.32**		mg/kg dry	0.395	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**8.19**		mg/kg dry	1.98	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

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
7439-89-6	**Iron**	**6000**		mg/kg dry	24.7	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**11.4**		mg/kg dry	0.495	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**103000**		mg/kg dry	4.95	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**384**		mg/kg dry	0.495	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**4.66**		mg/kg dry	0.986	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**714**		mg/kg dry	4.95	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**34.9**		mg/kg dry	2.47	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.499	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**192**		mg/kg dry	49.5	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.47	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.0**		mg/kg dry	0.986	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**27.5**		mg/kg dry	2.46	1	EPA 6010D	09/26/2023 17:47	09/28/2023 11:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0590**		mg/kg dry	0.0356	1	EPA 7473	09/27/2023 15:14	09/27/2023 21:41	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.594	1	EPA 7196A	09/22/2023 14:53	09/22/2023 21:01	SMK
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB05_12-14 **York Sample ID:** 23I1345-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Soil	September 20, 2023 3:05 pm	09/20/2023

16065-83-1	* **Chromium, Trivalent**	**7.52**	mg/kg	0.500	1	Calculation	09/28/2023 06:24	09/28/2023 14:15	AD
						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	0.594	1	EPA 9014/9010C	09/22/2023 14:35	09/22/2023 19:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**84.2**		%	0.100	1	SM 2540G	09/26/2023 07:54	09/26/2023 15:49	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **EBFB01_092023** **York Sample ID:** **23I1345-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Water	September 20, 2023 2:00 pm	09/20/2023

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)**	**0.557**	J	ng/L	0.470	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.350	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.710	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.680	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.420	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.820	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.520	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.750	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.13	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.880	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.740	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.690	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
2355-31-9	N-MeFOSAA	ND		ng/L	0.790	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.230	4.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.880	2.00	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.910	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.32	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.06	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.05	7.68	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.330	8.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT

Sample Information

Client Sample ID: EBFB01_092023 **York Sample ID:** 23I1345-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Water	September 20, 2023 2:00 pm	09/20/2023

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
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.500	3.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 13:51	KT
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.14	4.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 13:51	KT
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.250	4.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 13:51	KT
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.370	4.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 13:51	KT
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.760	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.79	7.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.23	8.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.38	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
756426-58-1	9CL-PF3ONS	ND		ng/L	0.700	7.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
919005-14-4	ADONA	ND		ng/L	0.530	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.930	1.94	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.860	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 13:51	KT
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.03	5.00	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.33	25.0	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.47	25.0	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
24448-09-7	*** N-MeFOSE**	**6.38**	J	ng/L	3.99	20.0	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
31506-32-8	* N-MeFOSA	ND		ng/L	1.58	2.00	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
1691-99-2	*** N-EtFOSE**	**6.67**	J	ng/L	3.99	20.0	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT
4151-50-2	* N-EtFOSA	ND		ng/L	1.80	2.00	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 13:51	KT

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*116 %*	*25-150*
Surrogate: M5PFHxA	*105 %*	*25-150*
Surrogate: M4PFHpA	*151 %*	*25-150*
Surrogate: M3PFHxS	*111 %*	*25-150*

Sample Information

Client Sample ID: EBFB01_092023 **York Sample ID:** 23I1345-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1345	170790501	Water	September 20, 2023 2:00 pm	09/20/2023

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-[13C8]octanoic aci	*103 %*			*25-150*						
	Surrogate: M6PFDA	*101 %*			*25-150*						
	Surrogate: M7PFUdA	*99.4 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*91.8 %*			*25-150*						
	Surrogate: M2PFTeDA	*59.9 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*14.0 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*107 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*90.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*128 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*122 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*131 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*96.4 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*85.5 %*			*25-200*						
	Surrogate: M9PFNA	*116 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*90.7 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*116 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*105 %*			*25-150*						
	Surrogate: M3HFPO-DA	*138 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*123 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*63.4 %*			*25-150*						

Analytical Batch Summary

Batch ID: BI30729 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/21/23
23I1345-02	SB06_10-12	09/21/23
23I1345-04	SB01_12-14	09/21/23
23I1345-05	SB02_0-2	09/21/23
23I1345-07	SB02_12-14	09/21/23
23I1345-08	SB05_0-2	09/21/23
23I1345-09	SB05_12-14	09/21/23
BI30729-BLK1	Blank	09/21/23
BI30729-BS1	LCS	09/21/23
BI30729-BSD1	LCS Dup	09/21/23

Batch ID: BI30731 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-03	SB01_0-2	09/26/23
BI30731-BLK1	Blank	09/26/23
BI30731-BS1	LCS	09/26/23
BI30731-BSD1	LCS Dup	09/26/23

Batch ID: BI31447 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/22/23
23I1345-02	SB06_10-12	09/22/23
23I1345-03	SB01_0-2	09/22/23
23I1345-04	SB01_12-14	09/22/23
23I1345-05	SB02_0-2	09/22/23
23I1345-07	SB02_12-14	09/22/23
23I1345-08	SB05_0-2	09/22/23
23I1345-09	SB05_12-14	09/22/23
BI31447-BLK1	Blank	09/22/23
BI31447-DUP1	Duplicate	09/22/23
BI31447-MS1	Matrix Spike	09/22/23
BI31447-MSD1	Matrix Spike Dup	09/22/23
BI31447-SRM1	Reference	09/22/23

Batch ID: BI31451 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/22/23
23I1345-02	SB06_10-12	09/22/23
23I1345-03	SB01_0-2	09/22/23
23I1345-04	SB01_12-14	09/22/23
23I1345-05	SB02_0-2	09/22/23

23I1345-07	SB02_12-14	09/22/23
23I1345-08	SB05_0-2	09/22/23
23I1345-09	SB05_12-14	09/22/23
BI31451-BLK1	Blank	09/22/23
BI31451-DUP1	Duplicate	09/22/23
BI31451-MS1	Matrix Spike	09/22/23
BI31451-MSD1	Matrix Spike Dup	09/22/23
BI31451-SRM1	Reference	09/22/23

Batch ID: BI31536 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-10	EBFB01_092023	09/25/23
BI31536-BLK1	Blank	09/25/23
BI31536-BS1	LCS	09/25/23
BI31536-BS2	LCS	09/25/23
BI31536-DUP1	Duplicate	09/25/23

Batch ID: BI31593 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/26/23
23I1345-02	SB06_10-12	09/26/23
23I1345-03	SB01_0-2	09/26/23
23I1345-04	SB01_12-14	09/26/23
23I1345-05	SB02_0-2	09/26/23
23I1345-07	SB02_12-14	09/26/23
23I1345-08	SB05_0-2	09/26/23
23I1345-09	SB05_12-14	09/26/23
BI31593-DUP1	Duplicate	09/26/23

Batch ID: BI31603 **Preparation Method:** EPA 3550C/8151A **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-09	SB05_12-14	09/26/23
BI31603-BLK1	Blank	09/26/23
BI31603-BS1	LCS	09/26/23
BI31603-MS1	Matrix Spike	09/26/23
BI31603-MSD1	Matrix Spike Dup	09/26/23

Batch ID: BI31651 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/26/23
BI31651-BLK1	Blank	09/26/23
BI31651-DUP1	Duplicate	09/26/23
BI31651-MS1	Matrix Spike	09/26/23
BI31651-SRM1	Reference	09/26/23

Batch ID: BI31663 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/26/23
23I1345-02	SB06_10-12	09/26/23
BI31663-BLK1	Blank	09/26/23
BI31663-DUP1	Duplicate	09/26/23
BI31663-MS1	Matrix Spike	09/26/23
BI31663-PS1	Post Spike	09/26/23
BI31663-SRM1	Reference	09/26/23

Batch ID: BI31664 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-03	SB01_0-2	09/26/23
23I1345-04	SB01_12-14	09/26/23
23I1345-05	SB02_0-2	09/26/23
23I1345-07	SB02_12-14	09/26/23
23I1345-08	SB05_0-2	09/26/23
23I1345-09	SB05_12-14	09/26/23
BI31664-BLK1	Blank	09/26/23
BI31664-DUP1	Duplicate	09/26/23
BI31664-MS1	Matrix Spike	09/26/23
BI31664-PS1	Post Spike	09/26/23
BI31664-SRM1	Reference	09/26/23

Batch ID: BI31701 **Preparation Method:** EPA 3550C/8151A **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/27/23
23I1345-02	SB06_10-12	09/27/23
23I1345-03	SB01_0-2	09/27/23
23I1345-04	SB01_12-14	09/27/23
23I1345-05	SB02_0-2	09/27/23
23I1345-07	SB02_12-14	09/27/23
23I1345-08	SB05_0-2	09/27/23
BI31701-BLK1	Blank	09/27/23
BI31701-BS1	LCS	09/27/23
BI31701-MS1	Matrix Spike	09/27/23
BI31701-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31707 **Preparation Method:** EPA 3550C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/27/23
23I1345-02	SB06_10-12	09/27/23
23I1345-03	SB01_0-2	09/27/23
23I1345-04	SB01_12-14	09/27/23

23I1345-05	SB02_0-2	09/27/23
23I1345-07	SB02_12-14	09/27/23
23I1345-08	SB05_0-2	09/27/23
23I1345-09	SB05_12-14	09/27/23
BI31707-BLK1	Blank	09/27/23
BI31707-BS1	LCS	09/27/23
BI31707-MS1	Matrix Spike	09/27/23
BI31707-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31735 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-02	SB06_10-12	09/27/23
23I1345-03	SB01_0-2	09/27/23
23I1345-04	SB01_12-14	09/27/23
23I1345-05	SB02_0-2	09/27/23
23I1345-07	SB02_12-14	09/27/23
23I1345-08	SB05_0-2	09/27/23
23I1345-09	SB05_12-14	09/27/23
BI31735-BLK1	Blank	09/27/23
BI31735-DUP1	Duplicate	09/27/23
BI31735-MS1	Matrix Spike	09/27/23
BI31735-SRM1	Reference	09/27/23

Batch ID: BI31761 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/28/23
23I1345-02	SB06_10-12	09/28/23
23I1345-03	SB01_0-2	09/28/23
23I1345-04	SB01_12-14	09/28/23
23I1345-05	SB02_0-2	09/28/23
23I1345-07	SB02_12-14	09/28/23
23I1345-08	SB05_0-2	09/28/23
23I1345-09	SB05_12-14	09/28/23

Batch ID: BI31776 **Preparation Method:** EPA 3550C **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/28/23
23I1345-01	SB06_0-2	09/28/23
23I1345-02	SB06_10-12	09/28/23
23I1345-02	SB06_10-12	09/28/23
23I1345-03	SB01_0-2	09/28/23
23I1345-03	SB01_0-2	09/28/23
23I1345-04	SB01_12-14	09/28/23
23I1345-04	SB01_12-14	09/28/23
23I1345-05	SB02_0-2	09/28/23
23I1345-05	SB02_0-2	09/28/23
23I1345-07	SB02_12-14	09/28/23

23I1345-07	SB02_12-14	09/28/23
23I1345-08	SB05_0-2	09/28/23
23I1345-08	SB05_0-2	09/28/23
BI31776-BLK1	Blank	09/28/23
BI31776-BLK2	Blank	09/28/23
BI31776-BS1	LCS	09/28/23
BI31776-BS2	LCS	09/28/23
BI31776-MS1	Matrix Spike	09/28/23
BI31776-MS2	Matrix Spike	09/28/23
BI31776-MSD2	Matrix Spike Dup	09/28/23

Batch ID: BI31778 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-01	SB06_0-2	09/28/23
23I1345-02	SB06_10-12	09/28/23
23I1345-03	SB01_0-2	09/28/23
23I1345-04	SB01_12-14	09/28/23
23I1345-05	SB02_0-2	09/28/23
23I1345-07	SB02_12-14	09/28/23
23I1345-08	SB05_0-2	09/28/23
23I1345-09	SB05_12-14	09/28/23
BI31778-BLK1	Blank	09/28/23
BI31778-BS1	LCS	09/28/23
BI31778-MS1	Matrix Spike	09/28/23
BI31778-MSD1	Matrix Spike Dup	09/28/23

Batch ID: BI31781 **Preparation Method:** EPA 3550C **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1345-09	SB05_12-14	09/28/23
23I1345-09	SB05_12-14	09/28/23
BI31781-BLK1	Blank	09/28/23
BI31781-BLK2	Blank	09/28/23
BI31781-BS1	LCS	09/28/23
BI31781-BS2	LCS	09/28/23

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 BI30729 - EPA 5035A											
Blank (BI30729-BLK1) Blank									Prepared & Analyzed: 09/21/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30729 - EPA 5035A											
Blank (BI30729-BLK1) Blank									Prepared & Analyzed: 09/21/2023		
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*55.6*		*"*	*50.0*		*111*	*76-130*				
LCS (BI30729-BS1) LCS									Prepared & Analyzed: 09/21/2023		
1,1,1,2-Tetrachloroethane	46		ug/L	50.0		92.6	75-129				
1,1,1-Trichloroethane	47		"	50.0		93.3	71-137				
1,1,2,2-Tetrachloroethane	55		"	50.0		110	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	36		"	50.0		71.4	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.0	83-123				
1,1-Dichloroethane	44		"	50.0		88.2	75-130				
1,1-Dichloroethylene	41		"	50.0		82.2	64-137				
1,2,3-Trichlorobenzene	47		"	50.0		94.6	81-140				
1,2,3-Trichloropropane	49		"	50.0		98.0	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		95.1	80-141				
1,2,4-Trimethylbenzene	49		"	50.0		98.4	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		96.8	74-142				
1,2-Dibromoethane	47		"	50.0		94.2	86-123				
1,2-Dichlorobenzene	49		"	50.0		98.3	85-122				
1,2-Dichloroethane	46		"	50.0		92.9	71-133				
1,2-Dichloropropane	49		"	50.0		97.3	81-122				
1,3,5-Trimethylbenzene	52		"	50.0		104	82-126				
1,3-Dichlorobenzene	47		"	50.0		93.1	84-124				
1,4-Dichlorobenzene	48		"	50.0		95.5	84-124				
1,4-Dioxane	840		"	1050		79.7	10-228				
2-Butanone	40		"	50.0		80.7	58-147				
2-Hexanone	44		"	50.0		88.0	70-139				
4-Methyl-2-pentanone	38		"	50.0		75.6	72-132				
Acetone	27		"	50.0		54.1	36-155				
Acrolein	35		"	50.0		70.2	10-238				
Acrylonitrile	38		"	50.0		76.5	66-141				
Benzene	48		"	50.0		95.3	77-127				
Bromochloromethane	48		"	50.0		96.9	74-129				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30729 - EPA 5035A											
LCS (BI30729-BS1) LCS							Prepared & Analyzed: 09/21/2023				
Bromodichloromethane	50		ug/L	50.0		99.7	81-124				
Bromoform	46		"	50.0		92.7	80-136				
Bromomethane	78		"	50.0		157	32-177				
Carbon disulfide	37		"	50.0		74.7	10-136				
Carbon tetrachloride	47		"	50.0		93.9	66-143				
Chlorobenzene	47		"	50.0		94.0	86-120				
Chloroethane	89		"	50.0		179	51-142	High Bias			
Chloroform	45		"	50.0		89.9	76-131				
Chloromethane	59		"	50.0		118	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		90.0	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.1	81-129				
Cyclohexane	47		"	50.0		94.6	70-130				
Dibromochloromethane	47		"	50.0		94.1	10-200				
Dibromomethane	46		"	50.0		91.4	83-124				
Dichlorodifluoromethane	38		"	50.0		75.4	28-158				
Ethyl Benzene	49		"	50.0		98.9	84-125				
Hexachlorobutadiene	44		"	50.0		88.9	83-133				
Isopropylbenzene	49		"	50.0		98.8	81-127				
Methyl acetate	35		"	50.0		70.8	41-143				
Methyl tert-butyl ether (MTBE)	32		"	50.0		64.0	74-131	Low Bias			
Methylcyclohexane	46		"	50.0		92.6	70-130				
Methylene chloride	39		"	50.0		77.1	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				
n-Propylbenzene	50		"	50.0		100	74-136				
o-Xylene	48		"	50.0		95.5	83-123				
p- & m- Xylenes	97		"	100		97.2	82-128				
p-Isopropyltoluene	50		"	50.0		99.9	85-125				
sec-Butylbenzene	50		"	50.0		101	83-125				
Styrene	49		"	50.0		98.5	86-126				
tert-Butyl alcohol (TBA)	150		"	250		58.4	70-130	Low Bias			
tert-Butylbenzene	43		"	50.0		85.3	80-127				
Tetrachloroethylene	37		"	50.0		73.9	80-129	Low Bias			
Toluene	50		"	50.0		99.2	85-121				
trans-1,2-Dichloroethylene	37		"	50.0		74.1	72-132				
trans-1,3-Dichloropropylene	44		"	50.0		88.4	78-132				
trans-1,4-dichloro-2-butene	55		"	50.0		110	75-135				
Trichloroethylene	46		"	50.0		91.5	84-123				
Trichlorofluoromethane	70		"	50.0		140	62-140				
Vinyl Chloride	64		"	50.0		127	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.8*		*"*	*50.0*		*99.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.7*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30729 - EPA 5035A											
LCS Dup (BI30729-BSD1) LCS Dup								Prepared & Analyzed: 09/21/2023			
1,1,1,2-Tetrachloroethane	45		ug/L	50.0		90.6	75-129		2.12	30	
1,1,1-Trichloroethane	45		"	50.0		89.2	71-137		4.56	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.7	79-129		13.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	44		"	50.0		88.0	58-146		20.8	30	
1,1,2-Trichloroethane	47		"	50.0		94.1	83-123		1.96	30	
1,1-Dichloroethane	41		"	50.0		81.3	75-130		8.14	30	
1,1-Dichloroethylene	48		"	50.0		95.2	64-137		14.7	30	
1,2,3-Trichlorobenzene	46		"	50.0		91.7	81-140		3.20	30	
1,2,3-Trichloropropane	43		"	50.0		85.8	81-126		13.3	30	
1,2,4-Trichlorobenzene	47		"	50.0		94.4	80-141		0.739	30	
1,2,4-Trimethylbenzene	45		"	50.0		90.3	84-125		8.59	30	
1,2-Dibromo-3-chloropropane	45		"	50.0		90.6	74-142		6.62	30	
1,2-Dibromoethane	46		"	50.0		91.6	86-123		2.82	30	
1,2-Dichlorobenzene	47		"	50.0		94.8	85-122		3.67	30	
1,2-Dichloroethane	46		"	50.0		91.6	71-133		1.37	30	
1,2-Dichloropropane	47		"	50.0		94.3	81-122		3.19	30	
1,3,5-Trimethylbenzene	47		"	50.0		93.2	82-126		10.7	30	
1,3-Dichlorobenzene	42		"	50.0		84.5	84-124		9.73	30	
1,4-Dichlorobenzene	44		"	50.0		88.3	84-124		7.88	30	
1,4-Dioxane	830		"	1050		79.1	10-228		0.810	30	
2-Butanone	40		"	50.0		79.3	58-147		1.70	30	
2-Hexanone	45		"	50.0		89.3	70-139		1.42	30	
4-Methyl-2-pentanone	37		"	50.0		74.3	72-132		1.76	30	
Acetone	31		"	50.0		62.7	36-155		14.8	30	
Acrolein	38		"	50.0		76.2	10-238		8.14	30	
Acrylonitrile	43		"	50.0		85.9	66-141		11.5	30	
Benzene	47		"	50.0		93.1	77-127		2.40	30	
Bromochloromethane	47		"	50.0		94.2	74-129		2.81	30	
Bromodichloromethane	48		"	50.0		96.5	81-124		3.28	30	
Bromoform	45		"	50.0		90.5	80-136		2.38	30	
Bromomethane	75		"	50.0		149	32-177		4.68	30	
Carbon disulfide	44		"	50.0		88.7	10-136		17.1	30	
Carbon tetrachloride	45		"	50.0		89.9	66-143		4.31	30	
Chlorobenzene	46		"	50.0		92.9	86-120		1.13	30	
Chloroethane	87		"	50.0		174	51-142	High Bias	2.68	30	
Chloroform	44		"	50.0		87.1	76-131		3.10	30	
Chloromethane	56		"	50.0		112	49-132		5.36	30	
cis-1,2-Dichloroethylene	44		"	50.0		87.4	74-132		2.91	30	
cis-1,3-Dichloropropylene	44		"	50.0		88.4	81-129		3.08	30	
Cyclohexane	46		"	50.0		92.4	70-130		2.29	30	
Dibromochloromethane	46		"	50.0		91.5	10-200		2.80	30	
Dibromomethane	46		"	50.0		91.8	83-124		0.393	30	
Dichlorodifluoromethane	32		"	50.0		64.1	28-158		16.2	30	
Ethyl Benzene	49		"	50.0		98.1	84-125		0.792	30	
Hexachlorobutadiene	45		"	50.0		89.1	83-133		0.157	30	
Isopropylbenzene	44		"	50.0		87.2	81-127		12.5	30	
Methyl acetate	40		"	50.0		79.3	41-143		11.2	30	
Methyl tert-butyl ether (MTBE)	36		"	50.0		71.4	74-131	Low Bias	10.8	30	
Methylcyclohexane	47		"	50.0		93.3	70-130		0.774	30	
Methylene chloride	45		"	50.0		90.6	57-141		16.1	30	
n-Butylbenzene	52		"	50.0		103	80-130		0.714	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 BI30729 - EPA 5035A											
LCS Dup (BI30729-BSD1) LCS Dup									Prepared & Analyzed: 09/21/2023		
n-Propylbenzene	45		ug/L	50.0		90.3	74-136		10.5	30	
o-Xylene	48		"	50.0		95.1	83-123		0.378	30	
p- & m- Xylenes	96		"	100		96.3	82-128		0.920	30	
p-Isopropyltoluene	63		"	50.0		126	85-125	High Bias	23.0	30	
sec-Butylbenzene	46		"	50.0		91.7	83-125		9.24	30	
Styrene	49		"	50.0		97.1	86-126		1.39	30	
tert-Butyl alcohol (TBA)	160		"	250		64.4	70-130	Low Bias	9.87	30	
tert-Butylbenzene	38		"	50.0		76.5	80-127	Low Bias	10.9	30	
Tetrachloroethylene	37		"	50.0		73.2	80-129	Low Bias	0.870	30	
Toluene	49		"	50.0		98.5	85-121		0.627	30	
trans-1,2-Dichloroethylene	44		"	50.0		88.2	72-132		17.3	30	
trans-1,3-Dichloropropylene	43		"	50.0		85.2	78-132		3.76	30	
trans-1,4-dichloro-2-butene	47		"	50.0		94.3	75-135		14.9	30	
Trichloroethylene	45		"	50.0		89.6	84-123		2.14	30	
Trichlorofluoromethane	69		"	50.0		139	62-140		1.07	30	
Vinyl Chloride	60		"	50.0		121	52-130		5.32	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.9*		*"*	*50.0*		*99.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.2*		*"*	*50.0*		*90.3*	*76-130*				
Batch BI30731 - EPA 5035A											
Blank (BI30731-BLK1) Blank									Prepared & Analyzed: 09/26/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30731 - EPA 5035A											
Blank (BI30731-BLK1) Blank									Prepared & Analyzed: 09/26/2023		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.7*		*ug/L*	*50.0*		*97.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.4*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.0*		*"*	*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 BI30731 - EPA 5035A											
LCS (BI30731-BS1) LCS							Prepared & Analyzed: 09/26/2023				
1,1,1,2-Tetrachloroethane	42		ug/L	50.0		84.3	75-129				
1,1,1-Trichloroethane	42		"	50.0		84.3	71-137				
1,1,2,2-Tetrachloroethane	43		"	50.0		85.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	57		"	50.0		115	58-146				
1,1,2-Trichloroethane	41		"	50.0		81.9	83-123	Low Bias			
1,1-Dichloroethane	41		"	50.0		81.6	75-130				
1,1-Dichloroethylene	54		"	50.0		108	64-137				
1,2,3-Trichlorobenzene	48		"	50.0		96.6	81-140				
1,2,3-Trichloropropane	42		"	50.0		83.1	81-126				
1,2,4-Trichlorobenzene	48		"	50.0		96.7	80-141				
1,2,4-Trimethylbenzene	45		"	50.0		89.8	84-125				
1,2-Dibromo-3-chloropropane	44		"	50.0		89.0	74-142				
1,2-Dibromoethane	43		"	50.0		86.7	86-123				
1,2-Dichlorobenzene	43		"	50.0		85.6	85-122				
1,2-Dichloroethane	41		"	50.0		82.7	71-133				
1,2-Dichloropropane	41		"	50.0		81.5	81-122				
1,3,5-Trimethylbenzene	45		"	50.0		90.7	82-126				
1,3-Dichlorobenzene	43		"	50.0		86.0	84-124				
1,4-Dichlorobenzene	44		"	50.0		87.6	84-124				
1,4-Dioxane	820		"	1050		77.9	10-228				
2-Butanone	44		"	50.0		88.2	58-147				
2-Hexanone	42		"	50.0		83.7	70-139				
4-Methyl-2-pentanone	31		"	50.0		62.6	72-132	Low Bias			
Acetone	29		"	50.0		57.7	36-155				
Acrolein	29		"	50.0		57.8	10-238				
Acrylonitrile	43		"	50.0		85.0	66-141				
Benzene	44		"	50.0		88.0	77-127				
Bromochloromethane	41		"	50.0		81.8	74-129				
Bromodichloromethane	41		"	50.0		81.1	81-124				
Bromoform	42		"	50.0		83.2	80-136				
Bromomethane	42		"	50.0		84.8	32-177				
Carbon disulfide	49		"	50.0		98.5	10-136				
Carbon tetrachloride	40		"	50.0		79.8	66-143				
Chlorobenzene	43		"	50.0		86.8	86-120				
Chloroethane	44		"	50.0		87.7	51-142				
Chloroform	41		"	50.0		82.7	76-131				
Chloromethane	46		"	50.0		92.9	49-132				
cis-1,2-Dichloroethylene	42		"	50.0		84.5	74-132				
cis-1,3-Dichloropropylene	40		"	50.0		79.7	81-129	Low Bias			
Cyclohexane	44		"	50.0		87.1	70-130				
Dibromochloromethane	42		"	50.0		83.5	10-200				
Dibromomethane	39		"	50.0		78.4	83-124	Low Bias			
Dichlorodifluoromethane	58		"	50.0		116	28-158				
Ethyl Benzene	45		"	50.0		89.5	84-125				
Hexachlorobutadiene	46		"	50.0		92.5	83-133				
Isopropylbenzene	43		"	50.0		86.1	81-127				
Methyl acetate	41		"	50.0		82.1	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		97.6	74-131				
Methylcyclohexane	42		"	50.0		83.5	70-130				
Methylene chloride	42		"	50.0		84.9	57-141				
n-Butylbenzene	43		"	50.0		86.0	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

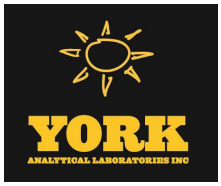
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30731 - EPA 5035A											
LCS (BI30731-BS1) LCS							Prepared & Analyzed: 09/26/2023				
n-Propylbenzene	42		ug/L	50.0		84.1	74-136				
o-Xylene	44		"	50.0		87.3	83-123				
p- & m- Xylenes	91		"	100		90.8	82-128				
p-Isopropyltoluene	45		"	50.0		90.1	85-125				
sec-Butylbenzene	43		"	50.0		86.0	83-125				
Styrene	44		"	50.0		87.7	86-126				
tert-Butyl alcohol (TBA)	230		"	250		93.2	70-130				
tert-Butylbenzene	37		"	50.0		73.1	80-127	Low Bias			
Tetrachloroethylene	40		"	50.0		79.0	80-129	Low Bias			
Toluene	43		"	50.0		86.8	85-121				
trans-1,2-Dichloroethylene	43		"	50.0		85.6	72-132				
trans-1,3-Dichloropropylene	40		"	50.0		79.0	78-132				
trans-1,4-dichloro-2-butene	46		"	50.0		92.0	75-135				
Trichloroethylene	41		"	50.0		81.7	84-123	Low Bias			
Trichlorofluoromethane	43		"	50.0		86.4	62-140				
Vinyl Chloride	46		"	50.0		91.4	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.9*		*"*	*50.0*		*95.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.2*		*"*	*50.0*		*96.3*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.7*		*"*	*50.0*		*97.3*	*76-130*				
LCS Dup (BI30731-BSD1) LCS Dup							Prepared & Analyzed: 09/26/2023				
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		105	75-129		21.9	30	
1,1,1-Trichloroethane	38		"	50.0		76.5	71-137		9.72	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129		17.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		81.8	58-146		33.6	30	Non-dir.
1,1,2-Trichloroethane	52		"	50.0		104	83-123		24.0	30	
1,1-Dichloroethane	37		"	50.0		73.6	75-130	Low Bias	10.4	30	
1,1-Dichloroethylene	41		"	50.0		81.4	64-137		28.5	30	
1,2,3-Trichlorobenzene	61		"	50.0		122	81-140		22.9	30	
1,2,3-Trichloropropane	52		"	50.0		104	81-126		22.0	30	
1,2,4-Trichlorobenzene	60		"	50.0		121	80-141		22.2	30	
1,2,4-Trimethylbenzene	54		"	50.0		109	84-125		19.2	30	
1,2-Dibromo-3-chloropropane	53		"	50.0		106	74-142		17.1	30	
1,2-Dibromoethane	54		"	50.0		109	86-123		22.7	30	
1,2-Dichlorobenzene	52		"	50.0		105	85-122		20.3	30	
1,2-Dichloroethane	49		"	50.0		97.9	71-133		16.8	30	
1,2-Dichloropropane	50		"	50.0		99.0	81-122		19.4	30	
1,3,5-Trimethylbenzene	54		"	50.0		109	82-126		18.1	30	
1,3-Dichlorobenzene	53		"	50.0		107	84-124		21.4	30	
1,4-Dichlorobenzene	54		"	50.0		109	84-124		21.4	30	
1,4-Dioxane	1000		"	1050		95.5	10-228		20.4	30	
2-Butanone	38		"	50.0		76.8	58-147		13.9	30	
2-Hexanone	49		"	50.0		98.4	70-139		16.2	30	
4-Methyl-2-pentanone	37		"	50.0		73.0	72-132		15.4	30	
Acetone	22		"	50.0		43.4	36-155		28.3	30	
Acrolein	25		"	50.0		49.1	10-238		16.3	30	
Acrylonitrile	38		"	50.0		75.4	66-141		12.0	30	
Benzene	53		"	50.0		106	77-127		18.9	30	
Bromochloromethane	38		"	50.0		75.2	74-129		8.46	30	
Bromodichloromethane	49		"	50.0		97.7	81-124		18.6	30	
Bromoform	53		"	50.0		106	80-136		23.9	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 BI30731 - EPA 5035A											
LCS Dup (BI30731-BSD1) LCS Dup								Prepared & Analyzed: 09/26/2023			
Bromomethane	42		ug/L	50.0		83.2	32-177		1.91	30	
Carbon disulfide	37		"	50.0		73.2	10-136		29.5	30	
Carbon tetrachloride	36		"	50.0		71.3	66-143		11.3	30	
Chlorobenzene	53		"	50.0		106	86-120		20.2	30	
Chloroethane	42		"	50.0		84.0	51-142		4.31	30	
Chloroform	37		"	50.0		74.4	76-131	Low Bias	10.6	30	
Chloromethane	46		"	50.0		93.0	49-132		0.0861	30	
cis-1,2-Dichloroethylene	38		"	50.0		76.5	74-132		9.91	30	
cis-1,3-Dichloropropylene	49		"	50.0		99.0	81-129		21.5	30	
Cyclohexane	39		"	50.0		77.1	70-130		12.2	30	
Dibromochloromethane	53		"	50.0		105	10-200		22.9	30	
Dibromomethane	49		"	50.0		97.6	83-124		21.9	30	
Dichlorodifluoromethane	58		"	50.0		117	28-158		0.533	30	
Ethyl Benzene	54		"	50.0		108	84-125		18.8	30	
Hexachlorobutadiene	59		"	50.0		119	83-133		24.8	30	
Isopropylbenzene	52		"	50.0		104	81-127		18.6	30	
Methyl acetate	37		"	50.0		74.6	41-143		9.52	30	
Methyl tert-butyl ether (MTBE)	44		"	50.0		88.3	74-131		9.98	30	
Methylcyclohexane	51		"	50.0		102	70-130		20.3	30	
Methylene chloride	36		"	50.0		72.9	57-141		15.2	30	
n-Butylbenzene	50		"	50.0		100	80-130		15.0	30	
n-Propylbenzene	50		"	50.0		99.5	74-136		16.8	30	
o-Xylene	53		"	50.0		105	83-123		18.6	30	
p- & m- Xylenes	110		"	100		108	82-128		17.1	30	
p-Isopropyltoluene	54		"	50.0		108	85-125		18.2	30	
sec-Butylbenzene	52		"	50.0		103	83-125		18.3	30	
Styrene	53		"	50.0		106	86-126		19.3	30	
tert-Butyl alcohol (TBA)	220		"	250		89.4	70-130		4.15	30	
tert-Butylbenzene	45		"	50.0		89.4	80-127		20.0	30	
Tetrachloroethylene	51		"	50.0		102	80-129		25.8	30	
Toluene	53		"	50.0		105	85-121		19.2	30	
trans-1,2-Dichloroethylene	38		"	50.0		76.0	72-132		11.9	30	
trans-1,3-Dichloropropylene	49		"	50.0		97.6	78-132		21.1	30	
trans-1,4-dichloro-2-butene	56		"	50.0		111	75-135		19.1	30	
Trichloroethylene	52		"	50.0		104	84-123		23.9	30	
Trichlorofluoromethane	42		"	50.0		83.8	62-140		3.03	30	
Vinyl Chloride	46		"	50.0		92.0	52-130		0.720	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*40.4*		*"*	*50.0*		*80.8*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.1*		*"*	*50.0*		*96.2*	*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 BI31707 - EPA 3550C											
Blank (BI31707-BLK1) Blank									Prepared & Analyzed: 09/27/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

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 BI31707 - EPA 3550C											
Blank (BI31707-BLK1) Blank									Prepared & Analyzed: 09/27/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Diphenylamine	ND	0.0833	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Surrogate: SURR: 2-Fluorophenol	*1.17*		"	*1.67*		*70.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.67*		*64.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.547*		"	*0.833*		*65.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.594*		"	*0.833*		*71.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.84*		"	*1.67*		*111*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.667*		"	*0.833*		*80.1*	*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 BI31707 - EPA 3550C											
LCS (BI31707-BS1) LCS							Prepared & Analyzed: 09/27/2023				
1,1-Biphenyl	0.522	0.0417	mg/kg wet	0.833		62.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.561	0.0833	"	0.833		67.3	21-131				
1,2,4-Trichlorobenzene	0.550	0.0417	"	0.833		66.0	10-140				
1,2-Dichlorobenzene	0.552	0.0417	"	0.833		66.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.468	0.0417	"	0.833		56.2	17-137				
1,3-Dichlorobenzene	0.512	0.0417	"	0.833		61.5	33-110				
1,4-Dichlorobenzene	0.512	0.0417	"	0.833		61.4	32-104				
2,3,4,6-Tetrachlorophenol	0.562	0.0833	"	0.833		67.5	30-130				
2,4,5-Trichlorophenol	0.590	0.0417	"	0.833		70.8	27-118				
2,4,6-Trichlorophenol	0.564	0.0417	"	0.833		67.7	31-120				
2,4-Dichlorophenol	0.623	0.0417	"	0.833		74.8	20-127				
2,4-Dimethylphenol	0.555	0.0417	"	0.833		66.6	14-132				
2,4-Dinitrophenol	0.737	0.0833	"	0.833		88.4	10-171				
2,4-Dinitrotoluene	0.680	0.0417	"	0.833		81.6	34-131				
2,6-Dinitrotoluene	0.638	0.0417	"	0.833		76.6	31-128				
2-Chloronaphthalene	0.504	0.0417	"	0.833		60.5	31-117				
2-Chlorophenol	0.563	0.0417	"	0.833		67.5	33-113				
2-Methylnaphthalene	0.577	0.0417	"	0.833		69.3	12-138				
2-Methylphenol	0.526	0.0417	"	0.833		63.2	10-136				
2-Nitroaniline	0.625	0.0833	"	0.833		75.0	27-132				
2-Nitrophenol	0.640	0.0417	"	0.833		76.8	17-129				
3- & 4-Methylphenols	0.498	0.0417	"	0.833		59.8	29-103				
3,3-Dichlorobenzidine	0.366	0.0417	"	0.833		44.0	22-149				
3-Nitroaniline	0.511	0.0833	"	0.833		61.3	20-133				
4,6-Dinitro-2-methylphenol	0.960	0.0833	"	0.833		115	10-143				
4-Bromophenyl phenyl ether	0.587	0.0417	"	0.833		70.4	29-120				
4-Chloro-3-methylphenol	0.609	0.0417	"	0.833		73.0	24-129				
4-Chloroaniline	0.431	0.0417	"	0.833		51.7	10-132				
4-Chlorophenyl phenyl ether	0.528	0.0417	"	0.833		63.4	27-124				
4-Nitroaniline	0.586	0.0833	"	0.833		70.4	16-128				
4-Nitrophenol	0.445	0.0833	"	0.833		53.4	10-141				
Acenaphthene	0.507	0.0417	"	0.833		60.8	30-121				
Acenaphthylene	0.509	0.0417	"	0.833		61.1	30-115				
Acetophenone	0.488	0.0417	"	0.833		58.5	20-112				
Aniline	0.488	0.167	"	0.833		58.6	10-119				
Anthracene	0.557	0.0417	"	0.833		66.9	34-118				
Atrazine	0.602	0.0417	"	0.833		72.3	26-112				
Benzaldehyde	0.480	0.0417	"	0.833		57.6	21-100				
Benzo(a)anthracene	0.566	0.0417	"	0.833		67.9	32-122				
Benzo(a)pyrene	0.576	0.0417	"	0.833		69.1	29-133				
Benzo(b)fluoranthene	0.547	0.0417	"	0.833		65.6	25-133				
Benzo(g,h,i)perylene	0.562	0.0417	"	0.833		67.5	10-143				
Benzo(k)fluoranthene	0.585	0.0417	"	0.833		70.2	25-128				
Benzoic acid	0.585	0.0417	"	0.833		70.2	10-140				
Benzyl alcohol	0.521	0.0417	"	0.833		62.5	30-115				
Benzyl butyl phthalate	0.529	0.0417	"	0.833		63.5	26-126				
Bis(2-chloroethoxy)methane	0.529	0.0417	"	0.833		63.5	19-132				
Bis(2-chloroethyl)ether	0.489	0.0417	"	0.833		58.6	19-125				
Bis(2-chloroisopropyl)ether	0.393	0.0417	"	0.833		47.2	20-135				
Bis(2-ethylhexyl)phthalate	0.566	0.0417	"	0.833		67.9	10-155				
Caprolactam	0.751	0.0833	"	0.833		90.2	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 BI31707 - EPA 3550C											
LCS (BI31707-BS1) LCS							Prepared & Analyzed: 09/27/2023				
Carbazole	0.545	0.0417	mg/kg wet	0.833		65.4	35-123				
Chrysene	0.534	0.0417	"	0.833		64.1	32-123				
Dibenzo(a,h)anthracene	0.553	0.0417	"	0.833		66.3	10-136				
Dibenzofuran	0.539	0.0417	"	0.833		64.7	29-121				
Diethyl phthalate	0.502	0.0417	"	0.833		60.3	34-116				
Dimethyl phthalate	0.541	0.0417	"	0.833		64.9	35-124				
Di-n-butyl phthalate	0.551	0.0417	"	0.833		66.1	31-116				
Di-n-octyl phthalate	0.614	0.0417	"	0.833		73.7	26-136				
Diphenylamine	0.728	0.0833	"	0.833		87.3	40-140				
Fluoranthene	0.558	0.0417	"	0.833		67.0	33-122				
Fluorene	0.541	0.0417	"	0.833		64.9	29-123				
Hexachlorobenzene	0.484	0.0417	"	0.833		58.0	21-124				
Hexachlorobutadiene	0.563	0.0417	"	0.833		67.5	10-149				
Hexachlorocyclopentadiene	0.325	0.0417	"	0.833		39.0	10-129				
Hexachloroethane	0.513	0.0417	"	0.833		61.6	28-108				
Indeno(1,2,3-cd)pyrene	0.537	0.0417	"	0.833		64.5	10-135				
Isophorone	0.525	0.0417	"	0.833		63.0	20-132				
Naphthalene	0.526	0.0417	"	0.833		63.1	23-124				
Nitrobenzene	0.478	0.0417	"	0.833		57.4	13-132				
N-Nitrosodimethylamine	0.416	0.0417	"	0.833		49.9	11-129				
N-nitroso-di-n-propylamine	0.437	0.0417	"	0.833		52.5	24-119				
N-Nitrosodiphenylamine	0.701	0.0417	"	0.833		84.2	22-152				
Pentachlorophenol	0.646	0.0417	"	0.833		77.5	10-139				
Phenanthrene	0.534	0.0417	"	0.833		64.0	33-123				
Phenol	0.500	0.0417	"	0.833		60.0	23-115				
Pyrene	0.516	0.0417	"	0.833		62.0	32-130				
Surrogate: SURR: 2-Fluorophenol	*1.19*		"	*1.67*		*71.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.08*		"	*1.67*		*64.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.529*		"	*0.833*		*63.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.531*		"	*0.833*		*63.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.78*		"	*1.67*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.555*		"	*0.833*		*66.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BI31707 - EPA 3550C

Matrix Spike (BI31707-MS1) Matrix Spike *Source sample: 23I1345-04 (SB01_12-14) Prepared & Analyzed: 09/27/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.225	0.0847	mg/kg dry	0.846	ND	26.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.267	0.169	"	0.846	ND	31.5	10-133				
1,2,4-Trichlorobenzene	0.263	0.0847	"	0.846	ND	31.1	10-127				
1,2-Dichlorobenzene	0.235	0.0847	"	0.846	ND	27.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.223	0.0847	"	0.846	ND	26.4	10-144				
1,3-Dichlorobenzene	0.253	0.0847	"	0.846	ND	29.9	11-111				
1,4-Dichlorobenzene	0.248	0.0847	"	0.846	ND	29.4	10-106				
2,3,4,6-Tetrachlorophenol	0.317	0.169	"	0.846	ND	37.5	30-130				
2,4,5-Trichlorophenol	0.258	0.0847	"	0.846	ND	30.5	10-127				
2,4,6-Trichlorophenol	0.258	0.0847	"	0.846	ND	30.5	10-132				
2,4-Dichlorophenol	0.261	0.0847	"	0.846	ND	30.9	10-128				
2,4-Dimethylphenol	0.257	0.0847	"	0.846	ND	30.4	10-137				
2,4-Dinitrophenol	0.0961	0.169	"	0.846	ND	11.4	10-171				
2,4-Dinitrotoluene	0.305	0.0847	"	0.846	ND	36.0	16-135				
2,6-Dinitrotoluene	0.286	0.0847	"	0.846	ND	33.8	18-131				
2-Chloronaphthalene	0.246	0.0847	"	0.846	ND	29.1	10-129				
2-Chlorophenol	0.265	0.0847	"	0.846	ND	31.4	15-116				
2-Methylnaphthalene	0.246	0.0847	"	0.846	ND	29.1	10-147				
2-Methylphenol	0.235	0.0847	"	0.846	ND	27.8	10-136				
2-Nitroaniline	0.273	0.169	"	0.846	ND	32.2	10-137				
2-Nitrophenol	0.304	0.0847	"	0.846	ND	35.9	10-129				
3- & 4-Methylphenols	0.210	0.0847	"	0.846	ND	24.8	10-123				
3,3-Dichlorobenzidine	0.188	0.0847	"	0.846	ND	22.2	10-155				
3-Nitroaniline	0.267	0.169	"	0.846	ND	31.6	12-133				
4,6-Dinitro-2-methylphenol	0.166	0.169	"	0.846	ND	19.6	10-155				
4-Bromophenyl phenyl ether	0.230	0.0847	"	0.846	ND	27.2	14-128				
4-Chloro-3-methylphenol	0.279	0.0847	"	0.846	ND	33.0	10-134				
4-Chloroaniline	0.154	0.0847	"	0.846	ND	18.2	10-145				
4-Chlorophenyl phenyl ether	0.254	0.0847	"	0.846	ND	30.1	14-130				
4-Nitroaniline	0.259	0.169	"	0.846	ND	30.6	10-147				
4-Nitrophenol	0.313	0.169	"	0.846	ND	37.0	10-137				
Acenaphthene	0.243	0.0847	"	0.846	ND	28.7	10-146				
Acenaphthylene	0.238	0.0847	"	0.846	ND	28.2	10-134				
Acetophenone	0.215	0.0847	"	0.846	ND	25.4	10-116				
Aniline	0.212	0.339	"	0.846	ND	25.0	10-123				
Anthracene	0.277	0.0847	"	0.846	ND	32.8	10-142				
Atrazine	0.212	0.0847	"	0.846	ND	25.1	19-115				
Benzaldehyde	0.221	0.0847	"	0.846	ND	26.1	10-125				
Benzo(a)anthracene	0.275	0.0847	"	0.846	ND	32.6	10-158				
Benzo(a)pyrene	0.261	0.0847	"	0.846	ND	30.8	10-180				
Benzo(b)fluoranthene	0.267	0.0847	"	0.846	ND	31.5	10-200				
Benzo(g,h,i)perylene	0.273	0.0847	"	0.846	ND	32.3	10-138				
Benzo(k)fluoranthene	0.269	0.0847	"	0.846	ND	31.8	10-197				
Benzoic acid	ND	0.0847	"	0.846	ND		10-166	Low Bias			
Benzyl alcohol	0.229	0.0847	"	0.846	ND	27.0	12-124				
Benzyl butyl phthalate	0.277	0.0847	"	0.846	ND	32.8	10-154				
Bis(2-chloroethoxy)methane	0.254	0.0847	"	0.846	ND	30.1	10-132				
Bis(2-chloroethyl)ether	0.230	0.0847	"	0.846	ND	27.2	10-119				
Bis(2-chloroisopropyl)ether	0.198	0.0847	"	0.846	ND	23.4	10-139				
Bis(2-ethylhexyl)phthalate	0.269	0.0847	"	0.846	ND	31.8	10-167				
Caprolactam	0.241	0.169	"	0.846	ND	28.5	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 BI31707 - EPA 3550C											
Matrix Spike (BI31707-MS1) Matrix Spike *Source sample: 23I1345-04 (SB01_12-14)								Prepared & Analyzed: 09/27/2023			
Carbazole	0.295	0.0847	mg/kg dry	0.846	ND	34.9	10-167				
Chrysene	0.273	0.0847	"	0.846	ND	32.2	10-156				
Dibenzo(a,h)anthracene	0.273	0.0847	"	0.846	ND	32.3	10-137				
Dibenzofuran	0.250	0.0847	"	0.846	ND	29.6	10-147				
Diethyl phthalate	0.263	0.0847	"	0.846	ND	31.1	20-120				
Dimethyl phthalate	0.266	0.0847	"	0.846	ND	31.4	18-131				
Di-n-butyl phthalate	0.305	0.0847	"	0.846	ND	36.1	10-137				
Di-n-octyl phthalate	0.258	0.0847	"	0.846	ND	30.6	10-180				
Diphenylamine	0.242	0.169	"	0.846	ND	28.6	40-140	Low Bias			
Fluoranthene	0.296	0.0847	"	0.846	ND	35.0	10-160				
Fluorene	0.247	0.0847	"	0.846	ND	29.2	10-157				
Hexachlorobenzene	0.264	0.0847	"	0.846	ND	31.2	10-137				
Hexachlorobutadiene	0.265	0.0847	"	0.846	ND	31.3	10-132				
Hexachlorocyclopentadiene	0.103	0.0847	"	0.846	ND	12.2	10-106				
Hexachloroethane	0.253	0.0847	"	0.846	ND	29.9	10-110				
Indeno(1,2,3-cd)pyrene	0.282	0.0847	"	0.846	ND	33.3	10-144				
Isophorone	0.279	0.0847	"	0.846	ND	33.0	10-132				
Naphthalene	0.257	0.0847	"	0.846	ND	30.4	10-141				
Nitrobenzene	0.292	0.0847	"	0.846	ND	34.5	10-131				
N-Nitrosodimethylamine	0.273	0.0847	"	0.846	ND	32.2	10-126				
N-nitroso-di-n-propylamine	0.230	0.0847	"	0.846	ND	27.2	10-125				
N-Nitrosodiphenylamine	0.240	0.0847	"	0.846	ND	28.3	10-177				
Pentachlorophenol	0.116	0.0847	"	0.846	ND	13.8	10-153				
Phenanthrene	0.268	0.0847	"	0.846	ND	31.7	10-148				
Phenol	0.254	0.0847	"	0.846	ND	30.0	10-126				
Pyrene	0.277	0.0847	"	0.846	ND	32.8	10-165				
Surrogate: SURR: 2-Fluorophenol	*0.554*		"	*1.69*		*32.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.489*		"	*1.69*		*28.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.302*		"	*0.846*		*35.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.254*		"	*0.846*		*30.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.542*		"	*1.69*		*32.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.282*		"	*0.846*		*33.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BI31707 - EPA 3550C

Matrix Spike Dup (BI31707-M Matrix Spike Dup *Source sample: 23I1345-04 (SB01_12-14) Prepared & Analyzed: 09/27/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	RPD Flag
1,1-Biphenyl	0.309	0.0847	mg/kg dry	0.846	ND	36.5	10-130		31.2	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.360	0.169	"	0.846	ND	42.6	10-133		29.8	30	
1,2,4-Trichlorobenzene	0.394	0.0847	"	0.846	ND	46.6	10-127		39.8	30	Non-dir.
1,2-Dichlorobenzene	0.338	0.0847	"	0.846	ND	40.0	14-111		36.1	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.302	0.0847	"	0.846	ND	35.8	10-144		30.1	30	Non-dir.
1,3-Dichlorobenzene	0.347	0.0847	"	0.846	ND	41.0	11-111		31.3	30	Non-dir.
1,4-Dichlorobenzene	0.348	0.0847	"	0.846	ND	41.2	10-106		33.6	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.474	0.169	"	0.846	ND	56.0	30-130		39.5	30	Non-dir.
2,4,5-Trichlorophenol	0.383	0.0847	"	0.846	ND	45.3	10-127		39.1	30	Non-dir.
2,4,6-Trichlorophenol	0.383	0.0847	"	0.846	ND	45.3	10-132		39.1	30	Non-dir.
2,4-Dichlorophenol	0.369	0.0847	"	0.846	ND	43.7	10-128		34.3	30	Non-dir.
2,4-Dimethylphenol	0.312	0.0847	"	0.846	ND	36.9	10-137		19.3	30	
2,4-Dinitrophenol	0.142	0.169	"	0.846	ND	16.8	10-171		38.6	30	Non-dir.
2,4-Dinitrotoluene	0.394	0.0847	"	0.846	ND	46.6	16-135		25.6	30	
2,6-Dinitrotoluene	0.400	0.0847	"	0.846	ND	47.3	18-131		33.1	30	Non-dir.
2-Chloronaphthalene	0.341	0.0847	"	0.846	ND	40.3	10-129		32.3	30	Non-dir.
2-Chlorophenol	0.350	0.0847	"	0.846	ND	41.4	15-116		27.5	30	
2-Methylnaphthalene	0.349	0.0847	"	0.846	ND	41.3	10-147		34.5	30	Non-dir.
2-Methylphenol	0.337	0.0847	"	0.846	ND	39.8	10-136		35.5	30	Non-dir.
2-Nitroaniline	0.374	0.169	"	0.846	ND	44.2	10-137		31.4	30	Non-dir.
2-Nitrophenol	0.414	0.0847	"	0.846	ND	49.0	10-129		30.7	30	Non-dir.
3- & 4-Methylphenols	0.296	0.0847	"	0.846	ND	35.0	10-123		34.2	30	Non-dir.
3,3-Dichlorobenzidine	0.272	0.0847	"	0.846	ND	32.2	10-155		36.5	30	Non-dir.
3-Nitroaniline	0.355	0.169	"	0.846	ND	41.9	12-133		28.1	30	
4,6-Dinitro-2-methylphenol	0.267	0.169	"	0.846	ND	31.6	10-155		46.9	30	Non-dir.
4-Bromophenyl phenyl ether	0.294	0.0847	"	0.846	ND	34.7	14-128		24.3	30	
4-Chloro-3-methylphenol	0.397	0.0847	"	0.846	ND	47.0	10-134		35.0	30	Non-dir.
4-Chloroaniline	0.292	0.0847	"	0.846	ND	34.6	10-145		61.8	30	Non-dir.
4-Chlorophenyl phenyl ether	0.374	0.0847	"	0.846	ND	44.2	14-130		38.1	30	Non-dir.
4-Nitroaniline	0.357	0.169	"	0.846	ND	42.2	10-147		31.6	30	Non-dir.
4-Nitrophenol	0.387	0.169	"	0.846	ND	45.8	10-137		21.1	30	
Acenaphthene	0.336	0.0847	"	0.846	ND	39.7	10-146		32.0	30	Non-dir.
Acenaphthylene	0.335	0.0847	"	0.846	ND	39.6	10-134		33.8	30	Non-dir.
Acetophenone	0.286	0.0847	"	0.846	ND	33.8	10-116		28.3	30	
Aniline	0.322	0.339	"	0.846	ND	38.1	10-123		41.3	30	Non-dir.
Anthracene	0.388	0.0847	"	0.846	ND	45.8	10-142		33.2	30	Non-dir.
Atrazine	0.267	0.0847	"	0.846	ND	31.5	19-115		22.6	30	
Benzaldehyde	0.285	0.0847	"	0.846	ND	33.7	10-125		25.4	30	
Benzo(a)anthracene	0.380	0.0847	"	0.846	ND	45.0	10-158		32.0	30	Non-dir.
Benzo(a)pyrene	0.366	0.0847	"	0.846	ND	43.3	10-180		33.7	30	Non-dir.
Benzo(b)fluoranthene	0.365	0.0847	"	0.846	ND	43.1	10-200		31.1	30	Non-dir.
Benzo(g,h,i)perylene	0.374	0.0847	"	0.846	ND	44.2	10-138		31.0	30	Non-dir.
Benzo(k)fluoranthene	0.368	0.0847	"	0.846	ND	43.5	10-197		31.0	30	Non-dir.
Benzoic acid	ND	0.0847	"	0.846	ND		10-166	Low Bias		30	
Benzyl alcohol	0.341	0.0847	"	0.846	ND	40.3	12-124		39.4	30	Non-dir.
Benzyl butyl phthalate	0.388	0.0847	"	0.846	ND	45.9	10-154		33.3	30	Non-dir.
Bis(2-chloroethoxy)methane	0.369	0.0847	"	0.846	ND	43.7	10-132		36.9	30	Non-dir.
Bis(2-chloroethyl)ether	0.319	0.0847	"	0.846	ND	37.7	10-119		32.3	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.277	0.0847	"	0.846	ND	32.8	10-139		33.6	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.378	0.0847	"	0.846	ND	44.6	10-167		33.7	30	Non-dir.
Caprolactam	0.296	0.169	"	0.846	ND	35.0	10-132		20.4	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 BI31707 - EPA 3550C											
Matrix Spike Dup (BI31707-M Matrix Spike Dup	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/27/2023			
Carbazole	0.413	0.0847	mg/kg dry	0.846	ND	48.9	10-167		33.4	30	Non-dir.
Chrysene	0.371	0.0847	"	0.846	ND	43.8	10-156		30.5	30	Non-dir.
Dibenzo(a,h)anthracene	0.392	0.0847	"	0.846	ND	46.4	10-137		35.8	30	Non-dir.
Dibenzofuran	0.344	0.0847	"	0.846	ND	40.7	10-147		31.6	30	Non-dir.
Diethyl phthalate	0.356	0.0847	"	0.846	ND	42.1	20-120		29.9	30	
Dimethyl phthalate	0.367	0.0847	"	0.846	ND	43.4	18-131		31.9	30	Non-dir.
Di-n-butyl phthalate	0.425	0.0847	"	0.846	ND	50.2	10-137		32.8	30	Non-dir.
Di-n-octyl phthalate	0.361	0.0847	"	0.846	ND	42.7	10-180		33.2	30	Non-dir.
Diphenylamine	0.343	0.169	"	0.846	ND	40.6	40-140		34.5	30	Non-dir.
Fluoranthene	0.405	0.0847	"	0.846	ND	47.8	10-160		30.9	30	Non-dir.
Fluorene	0.353	0.0847	"	0.846	ND	41.7	10-157		35.2	30	Non-dir.
Hexachlorobenzene	0.359	0.0847	"	0.846	ND	42.4	10-137		30.4	30	Non-dir.
Hexachlorobutadiene	0.388	0.0847	"	0.846	ND	45.8	10-132		37.8	30	Non-dir.
Hexachlorocyclopentadiene	0.148	0.0847	"	0.846	ND	17.5	10-106		36.1	30	Non-dir.
Hexachloroethane	0.338	0.0847	"	0.846	ND	40.0	10-110		28.8	30	
Indeno(1,2,3-cd)pyrene	0.407	0.0847	"	0.846	ND	48.2	10-144		36.5	30	Non-dir.
Isophorone	0.388	0.0847	"	0.846	ND	45.8	10-132		32.7	30	Non-dir.
Naphthalene	0.353	0.0847	"	0.846	ND	41.8	10-141		31.5	30	Non-dir.
Nitrobenzene	0.403	0.0847	"	0.846	ND	47.6	10-131		32.0	30	Non-dir.
N-Nitrosodimethylamine	0.384	0.0847	"	0.846	ND	45.4	10-126		34.0	30	Non-dir.
N-nitroso-di-n-propylamine	0.334	0.0847	"	0.846	ND	39.4	10-125		36.7	30	Non-dir.
N-Nitrosodiphenylamine	0.313	0.0847	"	0.846	ND	37.0	10-177		26.7	30	
Pentachlorophenol	0.198	0.0847	"	0.846	ND	23.4	10-153		51.7	30	Non-dir.
Phenanthrene	0.369	0.0847	"	0.846	ND	43.7	10-148		31.8	30	Non-dir.
Phenol	0.342	0.0847	"	0.846	ND	40.4	10-126		29.5	30	
Pyrene	0.391	0.0847	"	0.846	ND	46.2	10-165		34.0	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.708*		*"*	*1.69*		*41.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.633*		*"*	*1.69*		*37.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.377*		*"*	*0.846*		*44.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.323*		*"*	*0.846*		*38.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.694*		*"*	*1.69*		*41.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.355*		*"*	*0.846*		*42.0*	*24-116*				

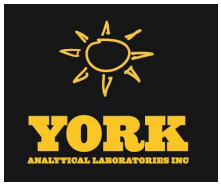
Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31778 - EPA 3550C												
Blank (BI31778-BLK1)	Blank								Prepared & Analyzed: 09/28/2023			
1,4-Dioxane		ND	0.0198	mg/kg								
Surrogate: 1,4-Dioxane-d8		*0.270*		*"*	*0.495*		*54.5*	*39-127.5*				
LCS (BI31778-BS1)	LCS								Prepared & Analyzed: 09/28/2023			
1,4-Dioxane		0.475	0.0198	mg/kg	0.495		96.0	40-130				
Surrogate: 1,4-Dioxane-d8		*0.253*		*"*	*0.495*		*51.2*	*39-127.5*				
Matrix Spike (BI31778-MS1)	Matrix Spike	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/28/2023			
1,4-Dioxane		0.467	0.0198	mg/kg	0.495	ND	94.4	40-130				
Surrogate: 1,4-Dioxane-d8		*0.209*		*"*	*0.495*		*42.2*	*40-130*				
Matrix Spike Dup (BI31778-M	Matrix Spike Dup	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/28/2023			
1,4-Dioxane		0.465	0.0198	mg/kg	0.495	ND	94.0	40-130		0.425	30	
Surrogate: 1,4-Dioxane-d8		*0.249*		*"*	*0.495*		*50.4*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31536 - EPA 1633 Prep											
Blank (BI31536-BLK1) Blank									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorobutanesulfonic acid (PFBS)	1.09	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 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	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 F	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	*55.1*		*"*	*46.6*		*118*	*25-150*				
Surrogate: M5PFHxA	*51.0*		*"*	*50.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*64.6*		*"*	*50.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*54.1*		*"*	*47.4*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*51.3*		*"*	*50.0*		*103*	*25-150*				
Surrogate: M6PFDA	*27.8*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M7PFUdA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*22.4*		*"*	*25.0*		*89.5*	*25-150*				
Surrogate: M2PFTeDA	*17.1*		*"*	*25.0*		*68.5*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31536 - EPA 1633 Prep											
Blank (BI31536-BLK1) Blank									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*178*		*ng/L*	*200*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.6*		*"*	*47.9*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		*"*	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*53.2*		*"*	*50.0*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*122*		*"*	*100*		*122*	*25-150*				
Surrogate: M2-6:2 FTS	*97.8*		*"*	*95.1*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*76.8*		*"*	*96.0*		*80.1*	*25-200*				
Surrogate: M9PFNA	*27.5*		*"*	*25.0*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*97.0*		*"*	*93.8*		*103*	*25-150*				
Surrogate: d-N-MeFOSA	*50.9*		*"*	*50.0*		*102*	*25-150*				
Surrogate: d-N-EtFOSA	*40.8*		*"*	*50.0*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*266*		*"*	*200*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*327*		*"*	*500*		*65.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*332*		*"*	*500*		*66.5*	*25-150*				
LCS (BI31536-BS1) LCS									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorobutanesulfonic acid (PFBS)	73.8	3.54	ng/L	70.8		104	50-150				
Perfluorohexanoic acid (PFHxA)	75.6	4.00	"	80.0		94.5	50-150				
Perfluoroheptanoic acid (PFHpA)	61.6	4.00	"	80.0		77.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	75.6	3.66	"	73.2		103	50-150				
Perfluorooctanoic acid (PFOA)	89.9	4.00	"	80.0		112	50-150				
Perfluorooctanesulfonic acid (PFOS)	84.9	3.72	"	74.4		114	50-150				
Perfluorononanoic acid (PFNA)	78.1	4.00	"	80.0		97.7	50-150				
Perfluorodecanoic acid (PFDA)	86.8	4.00	"	80.0		109	50-150				
Perfluoroundecanoic acid (PFUnA)	90.3	4.00	"	80.0		113	50-150				
Perfluorododecanoic acid (PFDoA)	99.2	4.00	"	80.0		124	50-150				
Perfluorotridecanoic acid (PFTrDA)	86.3	4.00	"	80.0		108	50-150				
Perfluorotetradecanoic acid (PFTA)	80.7	4.00	"	80.0		101	50-150				
N-MeFOSAA	66.1	4.00	"	80.0		82.6	50-150				
N-EtFOSAA	77.3	4.00	"	80.0		96.7	50-150				
Perfluoropentanoic acid (PFPeA)	160	8.00	"	160		99.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	80.6	4.00	"	80.0		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.4	3.82	"	76.4		108	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	82.4	3.86	"	77.2		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	336	15.2	"	304		111	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	314	15.4	"	307		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	328	16.0	"	320		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	154	7.12	"	142		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	214	8.00	"	160		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	187	8.00	"	160		117	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	176	8.00	"	160		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	77.6	3.76	"	75.2		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	306	15.0	"	300		102	50-150				
HFPO-DA (Gen-X)	183	16.0	"	160		115	50-150				
11CL-PF3OUdS	119	15.1	"	151		78.8	50-150				
9CL-PF3ONS	135	15.0	"	150		90.5	50-150				
ADONA	128	15.1	"	151		84.7	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 BI31536 - EPA 1633 Prep											
LCS (BI31536-BS1) LCS								Prepared: 09/25/2023 Analyzed: 09/28/2023			
Perfluorododecanesulfonic acid (PFDoS)	61.8	3.88	ng/L	77.6		79.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	89.9	3.84	"	76.8		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	420	10.0	"	320		131	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1810	50.0	"	1600		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1620	50.0	"	1600		101	50-150				
N-MeFOSE	864	40.0	"	800		108	50-150				
N-MeFOSA	74.4	4.00	"	80.0		93.0	50-150				
N-EtFOSE	760	40.0	"	800		95.0	50-150				
N-EtFOSA	86.1	4.00	"	80.0		108	50-150				
Surrogate: M3PFBS	*58.5*		"	*46.6*		*126*	*25-150*				
Surrogate: M5PFHxA	*57.1*		"	*50.0*		*114*	*25-150*				
Surrogate: M4PFHpA	*76.1*		"	*50.0*		*152*	*25-150*				
Surrogate: M3PFHxS	*57.9*		"	*47.4*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*54.9*		"	*50.0*		*110*	*25-150*				
Surrogate: M6PFDA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M7PFUdA	*25.1*		"	*25.0*		*100*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*20.9*		"	*25.0*		*83.5*	*25-150*				
Surrogate: M2PFTeDA	*19.9*		"	*25.0*		*79.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*200*		"	*200*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.8*		"	*47.9*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116*		"	*100*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.8*		"	*50.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*128*		"	*100*		*128*	*25-150*				
Surrogate: d5-N-EtFOSAA	*139*		"	*100*		*139*	*25-150*				
Surrogate: M2-6:2 FTS	*123*		"	*95.1*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*121*		"	*96.0*		*126*	*25-200*				
Surrogate: M9PFNA	*31.8*		"	*25.0*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*103*		"	*93.8*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*64.9*		"	*50.0*		*130*	*25-150*				
Surrogate: d-N-EtFOSA	*48.1*		"	*50.0*		*96.2*	*25-150*				
Surrogate: M3HFPO-DA	*290*		"	*200*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*365*		"	*500*		*73.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*357*		"	*500*		*71.3*	*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 BI31536 - EPA 1633 Prep											
LCS (BI31536-BS2) LCS								Prepared: 09/25/2023 Analyzed: 09/28/2023			
Perfluorobutanesulfonic acid (PFBS)	13.6	3.54	ng/L	14.2		96.3	50-150				
Perfluorohexanoic acid (PFHxA)	12.8	4.00	"	16.0		80.1	50-150				
Perfluoroheptanoic acid (PFHpA)	9.68	4.00	"	16.0		60.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	11.5	3.66	"	14.6		78.3	50-150				
Perfluorooctanoic acid (PFOA)	14.7	4.00	"	16.0		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	14.4	3.72	"	14.9		96.6	50-150				
Perfluorononanoic acid (PFNA)	13.2	4.00	"	16.0		82.6	50-150				
Perfluorodecanoic acid (PFDA)	13.6	4.00	"	16.0		84.7	50-150				
Perfluoroundecanoic acid (PFUnA)	15.0	4.00	"	16.0		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	13.5	4.00	"	16.0		84.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	14.4	4.00	"	16.0		90.3	50-150				
Perfluorotetradecanoic acid (PFTA)	12.2	4.00	"	16.0		76.5	50-150				
N-MeFOSAA	10.7	4.00	"	16.0		66.7	50-150				
N-EtFOSAA	12.2	4.00	"	16.0		76.5	50-150				
Perfluoropentanoic acid (PFPeA)	27.1	8.00	"	32.0		84.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	13.8	4.00	"	16.0		86.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.0	3.82	"	15.3		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	14.6	3.86	"	15.4		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	52.4	15.2	"	60.8		86.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	60.9	15.4	"	61.4		99.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	54.9	16.0	"	64.0		85.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	26.9	7.12	"	28.5		94.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	27.5	8.00	"	32.0		86.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	32.2	8.00	"	32.0		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	29.8	8.00	"	32.0		93.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	13.4	3.76	"	15.0		89.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	53.5	15.0	"	60.0		89.2	50-150				
HFPO-DA (Gen-X)	29.3	16.0	"	32.0		91.5	50-150				
11CL-PF3OUdS	20.5	15.1	"	30.2		67.7	50-150				
9CL-PF3ONS	24.6	15.0	"	29.9		82.4	50-150				
ADONA	22.1	15.1	"	30.2		73.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	13.0	3.88	"	15.5		83.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	18.7	3.84	"	15.4		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	73.5	10.0	"	64.0		115	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	312	50.0	"	320		97.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	253	50.0	"	320		78.9	50-150				
N-MeFOSE	151	40.0	"	160		94.4	50-150				
N-MeFOSA	15.5	4.00	"	16.0		96.8	50-150				
N-EtFOSE	115	40.0	"	160		72.0	50-150				
N-EtFOSA	17.4	4.00	"	16.0		109	50-150				
Surrogate: M3PFBS	*58.3*		*"*	*46.6*		*125*	*25-150*				
Surrogate: M5PFHxA	*52.9*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M4PFHpA	*71.1*		*"*	*50.0*		*142*	*25-150*				
Surrogate: M3PFHxS	*57.2*		*"*	*47.4*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.2*		*"*	*50.0*		*98.5*	*25-150*				
Surrogate: M6PFDA	*24.1*		*"*	*25.0*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*23.2*		*"*	*25.0*		*92.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.0*		*"*	*25.0*		*83.8*	*25-150*				
Surrogate: M2PFTeDA	*17.7*		*"*	*25.0*		*71.0*	*10-150*				

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 BI31536 - EPA 1633 Prep											
LCS (BI31536-BS2) LCS									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*182*		*ng/L*	*200*		*91.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*48.0*		*"*	*47.9*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		*"*	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.0*		*"*	*50.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*119*		*"*	*100*		*119*	*25-150*				
Surrogate: d5-N-EtFOSAA	*129*		*"*	*100*		*129*	*25-150*				
Surrogate: M2-6:2 FTS	*108*		*"*	*95.1*		*114*	*25-200*				
Surrogate: M2-8:2 FTS	*92.1*		*"*	*96.0*		*96.0*	*25-200*				
Surrogate: M9PFNA	*28.2*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*103*		*"*	*93.8*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*52.4*		*"*	*50.0*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*39.3*		*"*	*50.0*		*78.6*	*25-150*				
Surrogate: M3HFPO-DA	*260*		*"*	*200*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*372*		*"*	*500*		*74.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*342*		*"*	*500*		*68.4*	*25-150*				
Duplicate (BI31536-DUP1) Duplicate *Source sample: 23I1352-02 (Duplicate)									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorobutanesulfonic acid (PFBS)	5.80	1.66	ng/L		5.62				3.12	30	
Perfluorohexanoic acid (PFHxA)	14.0	1.88	"		15.1				7.69	30	
Perfluoroheptanoic acid (PFHpA)	10.3	1.88	"		10.5				1.69	30	
Perfluorohexanesulfonic acid (PFHxS)	15.2	1.72	"		15.2				0.233	30	
Perfluorooctanoic acid (PFOA)	81.4	1.88	"		78.3				3.98	30	
Perfluorooctanesulfonic acid (PFOS)	397	1.75	"		405				1.92	30	
Perfluorononanoic acid (PFNA)	5.87	1.88	"		6.93				16.4	30	
Perfluorodecanoic acid (PFDA)	1.65	1.88	"		1.75				5.58	30	
Perfluoroundecanoic acid (PFUnA)	ND	1.88	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.88	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	0.854	1.88	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.88	"		ND					30	
N-MeFOSAA	ND	1.88	"		ND					30	
N-EtFOSAA	2.30	1.88	"		2.69				15.3	30	
Perfluoropentanoic acid (PFPeA)	14.2	3.76	"		12.2				15.4	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.88	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.85	1.79	"		6.18				5.50	30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.81	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	58.4	7.14	"		59.8				2.36	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.08	7.21	"		2.53				19.2	30	
Perfluoro-n-butanoic acid (PFBA)	15.0	7.51	"		15.8				5.16	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.34	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.76	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.76	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.76	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.20	1.77	"		3.11				2.88	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.04	"		ND					30	
HFPO-DA (Gen-X)	ND	7.51	"		ND					30	
11CL-PF3OUdS	ND	7.10	"		ND					30	
9CL-PF3ONS	ND	7.02	"		ND					30	
ADONA	ND	7.10	"		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 BI31536 - EPA 1633 Prep											
Duplicate (BI31536-DUP1) Duplicate	*Source sample: 23I1352-02 (Duplicate)								Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.82	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.80	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	2.91	4.70	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.5	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.5	"		ND					30	
N-MeFOSE	ND	18.8	"		4.99					30	
N-MeFOSA	ND	1.88	"		ND					30	
N-EtFOSE	ND	18.8	"		4.24					30	
N-EtFOSA	ND	1.88	"		ND					30	
Surrogate: M3PFBS	*21.7*		*"*	*21.9*		*99.2*	*25-150*				
Surrogate: M5PFHxA	*24.1*		*"*	*23.5*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.2*		*"*	*23.5*		*120*	*25-150*				
Surrogate: M3PFHxS	*22.3*		*"*	*22.3*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.2*		*"*	*23.5*		*107*	*25-150*				
Surrogate: M6PFDA	*11.3*		*"*	*11.7*		*96.7*	*25-150*				
Surrogate: M7PFUdA	*10.3*		*"*	*11.7*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.99*		*"*	*11.7*		*68.1*	*25-150*				
Surrogate: M2PFTeDA	*4.82*		*"*	*11.7*		*41.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*80.5*		*"*	*93.9*		*85.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4*		*"*	*22.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.6*		*"*	*47.0*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.7*		*"*	*23.5*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.2*		*"*	*47.0*		*126*	*25-150*				
Surrogate: d5-N-EtFOSAA	*64.3*		*"*	*47.0*		*137*	*25-150*				
Surrogate: M2-6:2 FTS	*94.2*		*"*	*44.7*		*211*	*25-200*				
Surrogate: M2-8:2 FTS	*51.0*		*"*	*45.1*		*113*	*25-200*				
Surrogate: M9PFNA	*12.9*		*"*	*11.7*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*98.6*		*"*	*44.0*		*224*	*25-150*				
Surrogate: d-N-MeFOSA	*14.7*		*"*	*23.5*		*62.5*	*25-150*				
Surrogate: d-N-EtFOSA	*9.91*		*"*	*23.5*		*42.2*	*25-150*				
Surrogate: M3HFPO-DA	*115*		*"*	*93.9*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*103*		*"*	*235*		*43.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*118*		*"*	*235*		*50.2*	*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 BI31776 - EPA 3550C											
Blank (BI31776-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
Chlordane, total	ND	0.0330	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00825	"								
Toxaphene	ND	0.0835	"								
Surrogate: Decachlorobiphenyl	*0.0638*		*"*	*0.0667*		*95.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0463*		*"*	*0.0667*		*69.4*	*30-150*				
LCS (BI31776-BS1) LCS									Prepared & Analyzed: 09/28/2023		
4,4'-DDD	0.0252	0.00165	mg/kg wet	0.0333		75.5	40-140				
4,4'-DDE	0.0256	0.00165	"	0.0333		76.7	40-140				
4,4'-DDT	0.0245	0.00165	"	0.0333		73.4	40-140				
Aldrin	0.0232	0.00165	"	0.0333		69.5	40-140				
alpha-BHC	0.0250	0.00165	"	0.0333		75.1	40-140				
beta-BHC	0.0288	0.00165	"	0.0333		86.4	40-140				
delta-BHC	0.0240	0.00165	"	0.0333		72.1	40-140				
Dieldrin	0.0239	0.00165	"	0.0333		71.7	40-140				
Endosulfan I	0.0255	0.00165	"	0.0333		76.6	40-140				
Endosulfan II	0.0256	0.00165	"	0.0333		76.9	40-140				
Endosulfan sulfate	0.0257	0.00165	"	0.0333		77.1	40-140				
Endrin	0.0249	0.00165	"	0.0333		74.7	40-140				
Endrin aldehyde	0.0270	0.00165	"	0.0333		81.0	40-140				
Endrin ketone	0.0255	0.00165	"	0.0333		76.6	40-140				
gamma-BHC (Lindane)	0.0253	0.00165	"	0.0333		76.0	40-140				
Heptachlor	0.0245	0.00165	"	0.0333		73.6	40-140				
Heptachlor epoxide	0.0256	0.00165	"	0.0333		76.8	40-140				
Methoxychlor	0.0273	0.00825	"	0.0333		82.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0645*		*"*	*0.0667*		*96.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0484*		*"*	*0.0667*		*72.6*	*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 BI31776 - EPA 3550C											
Matrix Spike (BI31776-MS1) Matrix Spike	*Source sample: 23I1333-03 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
4,4'-DDD	0.0259	0.00172	mg/kg dry	0.0348	ND	74.3	30-150				
4,4'-DDE	0.0257	0.00172	"	0.0348	ND	73.7	30-150				
4,4'-DDT	0.0230	0.00172	"	0.0348	ND	66.2	30-150				
Aldrin	0.0232	0.00172	"	0.0348	ND	66.8	30-150				
alpha-BHC	0.0247	0.00172	"	0.0348	ND	70.9	30-150				
beta-BHC	0.0285	0.00172	"	0.0348	ND	82.0	30-150				
delta-BHC	0.0236	0.00172	"	0.0348	ND	67.8	30-150				
Dieldrin	0.0243	0.00172	"	0.0348	ND	69.8	30-150				
Endosulfan I	0.0258	0.00172	"	0.0348	ND	74.0	30-150				
Endosulfan II	0.0261	0.00172	"	0.0348	ND	75.0	30-150				
Endosulfan sulfate	0.0261	0.00172	"	0.0348	ND	74.9	30-150				
Endrin	0.0248	0.00172	"	0.0348	ND	71.1	30-150				
Endrin aldehyde	0.0282	0.00172	"	0.0348	ND	81.0	30-150				
Endrin ketone	0.0262	0.00172	"	0.0348	ND	75.4	30-150				
gamma-BHC (Lindane)	0.0250	0.00172	"	0.0348	ND	71.8	30-150				
Heptachlor	0.0241	0.00172	"	0.0348	ND	69.3	30-150				
Heptachlor epoxide	0.0258	0.00172	"	0.0348	ND	74.1	30-150				
Methoxychlor	0.0269	0.00862	"	0.0348	ND	77.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0685*		*"*	*0.0697*		*98.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0477*		*"*	*0.0697*		*68.5*	*30-150*				
Batch BI31781 - EPA 3550C											
Blank (BI31781-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
Chlordane, total	ND	0.0330	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00825	"								
Toxaphene	ND	0.0835	"								
Surrogate: Decachlorobiphenyl	*0.0636*		*"*	*0.0667*		*95.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0439*		*"*	*0.0667*		*65.8*	*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 BI31781 - EPA 3550C											
LCS (BI31781-BS1) LCS							Prepared & Analyzed: 09/28/2023				
4,4'-DDD	0.0245	0.00165	mg/kg wet	0.0333		73.4	40-140				
4,4'-DDE	0.0241	0.00165	"	0.0333		72.4	40-140				
4,4'-DDT	0.0213	0.00165	"	0.0333		64.0	40-140				
Aldrin	0.0217	0.00165	"	0.0333		65.1	40-140				
alpha-BHC	0.0232	0.00165	"	0.0333		69.7	40-140				
beta-BHC	0.0268	0.00165	"	0.0333		80.3	40-140				
delta-BHC	0.0222	0.00165	"	0.0333		66.5	40-140				
Dieldrin	0.0226	0.00165	"	0.0333		67.9	40-140				
Endosulfan I	0.0242	0.00165	"	0.0333		72.5	40-140				
Endosulfan II	0.0244	0.00165	"	0.0333		73.3	40-140				
Endosulfan sulfate	0.0245	0.00165	"	0.0333		73.5	40-140				
Endrin	0.0230	0.00165	"	0.0333		69.0	40-140				
Endrin aldehyde	0.0256	0.00165	"	0.0333		76.8	40-140				
Endrin ketone	0.0248	0.00165	"	0.0333		74.3	40-140				
gamma-BHC (Lindane)	0.0235	0.00165	"	0.0333		70.4	40-140				
Heptachlor	0.0226	0.00165	"	0.0333		67.9	40-140				
Heptachlor epoxide	0.0242	0.00165	"	0.0333		72.5	40-140				
Methoxychlor	0.0243	0.00825	"	0.0333		73.0	40-140				
Surrogate: Decachlorobiphenyl	*0.0623*		*"*	*0.0667*		*93.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0433*		*"*	*0.0667*		*65.0*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31776 - EPA 3550C											
Blank (BI31776-BLK2) Blank								Prepared & Analyzed: 09/28/2023			
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	*0.0447*		"	*0.0667*		*67.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0293*		"	*0.0667*		*44.0*	*30-140*				
LCS (BI31776-BS2) LCS								Prepared & Analyzed: 09/28/2023			
Aroclor 1016	0.218	0.0167	mg/kg wet	0.333		65.5	40-130				
Aroclor 1260	0.269	0.0167	"	0.333		80.7	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0413*		"	*0.0667*		*62.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0303*		"	*0.0667*		*45.5*	*30-140*				
Matrix Spike (BI31776-MS2) Matrix Spike	*Source sample: 23I1333-03 (Matrix Spike)							Prepared: 09/28/2023 Analyzed: 09/29/2023			
Aroclor 1016	0.233	0.0174	mg/kg dry	0.348	ND	67.0	40-140				
Aroclor 1260	0.261	0.0174	"	0.348	ND	75.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0446*		"	*0.0697*		*64.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0310*		"	*0.0697*		*44.5*	*30-140*				
Matrix Spike Dup (BI31776-M Matrix Spike Dup	*Source sample: 23I1333-03 (Matrix Spike Dup)							Prepared: 09/28/2023 Analyzed: 09/29/2023			
Aroclor 1016	0.236	0.0174	mg/kg dry	0.348	ND	67.9	40-140		1.28	50	
Aroclor 1260	0.268	0.0174	"	0.348	ND	77.0	40-140		2.47	50	
Surrogate: Tetrachloro-m-xylene	*0.0442*		"	*0.0697*		*63.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0310*		"	*0.0697*		*44.5*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31781 - EPA 3550C											
Blank (BI31781-BLK2) Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
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	*0.0440*		*"*	*0.0667*		*66.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0290*		*"*	*0.0667*		*43.5*	*30-140*				
LCS (BI31781-BS2) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
Aroclor 1016	0.210	0.0167	mg/kg wet	0.333		63.0	40-130				
Aroclor 1260	0.248	0.0167	"	0.333		74.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0413*		*"*	*0.0667*		*62.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0290*		*"*	*0.0667*		*43.5*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31603 - EPA 3550C/8151A											
Blank (BI31603-BLK1) Blank								Prepared & Analyzed: 09/26/2023			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.333*		*"*	*0.417*		*80.0*	*21-150*				
LCS (BI31603-BS1) LCS								Prepared & Analyzed: 09/26/2023			
2,4,5-T	0.0792	0.0200	mg/kg wet	0.133		59.4	10-120				
2,4,5-TP (Silvex)	0.0892	0.0200	"	0.133		66.9	10-120				
2,4-D	0.0942	0.0200	"	0.133		70.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.327*		*"*	*0.417*		*78.4*	*21-150*				
Matrix Spike (BI31603-MS1) Matrix Spike *Source sample: 23I1205-01 (Matrix Spike)								Prepared & Analyzed: 09/26/2023			
2,4,5-T	0.0552	0.0210	mg/kg dry	0.140	ND	39.4	10-120				
2,4,5-TP (Silvex)	0.0587	0.0210	"	0.140	ND	41.9	10-120				
2,4-D	0.0693	0.0210	"	0.140	ND	49.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.274*		*"*	*0.438*		*62.4*	*21-150*				
Matrix Spike Dup (BI31603-M Matrix Spike Dup *Source sample: 23I1205-01 (Matrix Spike Dup)								Prepared & Analyzed: 09/26/2023			
2,4,5-T	0.0533	0.0210	mg/kg dry	0.140	ND	38.1	10-120		3.56	35	
2,4,5-TP (Silvex)	0.0577	0.0210	"	0.140	ND	41.2	10-120		1.84	35	
2,4-D	0.0865	0.0210	"	0.140	ND	61.9	10-118		22.1	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.233*		*"*	*0.437*		*53.4*	*21-150*				
Batch BI31701 - EPA 3550C/8151A											
Blank (BI31701-BLK1) Blank								Prepared & Analyzed: 09/27/2023			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.386*		*"*	*0.417*		*92.6*	*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 BI31701 - EPA 3550C/8151A											
LCS (BI31701-BS1) LCS							Prepared & Analyzed: 09/27/2023				
2,4,5-T	0.0967	0.0200	mg/kg wet	0.133		72.5	10-120				
2,4,5-TP (Silvex)	0.108	0.0200	"	0.133		80.6	10-120				
2,4-D	0.118	0.0200	"	0.133		88.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.374*		*"*	*0.417*		*89.8*	*21-150*				
Matrix Spike (BI31701-MS1) Matrix Spike *Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/27/2023				
2,4,5-T	0.0914	0.0203	mg/kg dry	0.135	ND	67.5	10-120				
2,4,5-TP (Silvex)	0.101	0.0203	"	0.135	ND	74.4	10-120				
2,4-D	0.102	0.0203	"	0.135	ND	75.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		*"*	*0.423*		*88.8*	*21-150*				
Matrix Spike Dup (BI31701-M Matrix Spike Dup *Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/27/2023				
2,4,5-T	0.0885	0.0200	mg/kg dry	0.134	ND	66.3	10-120		3.19	35	
2,4,5-TP (Silvex)	0.100	0.0200	"	0.134	ND	75.0	10-120		0.488	35	
2,4-D	0.145	0.0200	"	0.134	ND	109	10-118		34.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.354*		*"*	*0.417*		*84.8*	*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 BI31663 - EPA 3050B											
Blank (BI31663-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/27/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI31663-DUP1) Duplicate	*Source sample: 23I1345-02 (SB06_10-12)								Prepared: 09/26/2023 Analyzed: 09/27/2023		
Aluminum	2580	4.65	mg/kg dry		3330				25.1	35	
Antimony	ND	2.33	"		ND					35	
Arsenic	2.02	1.40	"		5.74				95.9	35	Non-dir.
Barium	11.5	2.32	"		18.1				44.7	35	Non-dir.
Beryllium	0.259	0.047	"		0.254				2.05	35	
Cadmium	ND	0.279	"		ND					35	
Calcium	174000	4.66	"		128000				30.9	35	
Chromium	3.67	0.466	"		5.24				35.3	35	Non-dir.
Cobalt	2.36	0.372	"		3.37				35.5	35	Non-dir.
Copper	3.87	1.86	"		5.28				30.8	35	
Iron	3870	23.3	"		5170				28.8	35	
Lead	2.46	0.466	"		3.31				29.7	35	
Magnesium	88900	4.66	"		73500				18.9	35	
Manganese	197	0.466	"		213				7.85	35	
Nickel	2.28	0.927	"		3.79				49.8	35	Non-dir.
Potassium	306	4.66	"		511				50.2	35	Non-dir.
Selenium	37.0	2.33	"		32.4				13.3	35	
Silver	1.14	0.469	"		ND					35	
Sodium	ND	46.6	"		ND					35	
Thallium	ND	2.33	"		ND					35	
Vanadium	4.65	0.927	"		6.87				38.7	35	Non-dir.
Zinc	14.3	2.32	"		18.1				23.6	35	

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 BI31663 - EPA 3050B											
Matrix Spike (BI31663-MS1) Matrix Spike	*Source sample: 23I1345-02 (SB06_10-12)							Prepared: 09/26/2023 Analyzed: 09/27/2023			
Aluminum	2890	4.65	mg/kg dry	186	3330	NR	75-125	Low Bias			
Antimony	ND	2.33	"	23.3	ND		75-125	Low Bias			
Arsenic	214	1.40	"	186	5.74	112	75-125				
Barium	205	2.32	"	186	18.1	100	75-125				
Beryllium	4.85	0.047	"	4.66	0.254	98.7	75-125				
Cadmium	4.60	0.279	"	4.66	ND	98.8	75-125				
Calcium	157000	4.66	"	93.1	128000	NR	75-125	High Bias			
Chromium	22.2	0.466	"	18.6	5.24	90.9	75-125				
Cobalt	47.9	0.372	"	46.6	3.37	95.6	75-125				
Copper	31.3	1.86	"	23.3	5.28	112	75-125				
Iron	5240	23.3	"	93.1	5170	74.4	75-125	Low Bias			
Lead	46.9	0.466	"	46.6	3.31	93.6	75-125				
Magnesium	94100	4.66	"	93.1	73500	NR	75-125	High Bias			
Manganese	250	0.466	"	46.6	213	80.1	75-125				
Nickel	53.6	0.927	"	46.6	3.79	107	75-125				
Potassium	473	4.66	"	93.1	511	NR	75-125	Low Bias			
Selenium	207	2.33	"	186	32.4	93.6	75-125				
Silver	5.28	0.469	"	4.66	ND	113	75-125				
Sodium	135	46.6	"	93.1	ND	145	75-125	High Bias			
Thallium	163	2.33	"	186	ND	87.4	75-125				
Vanadium	53.9	0.927	"	46.6	6.87	101	75-125				
Zinc	57.1	2.32	"	46.6	18.1	83.9	75-125				
Post Spike (BI31663-PS1) Post Spike	*Source sample: 23I1345-02 (SB06_10-12)							Prepared: 09/26/2023 Analyzed: 09/27/2023			
Aluminum	36.7		ug/mL	2.00	35.7	45.8	75-125	Low Bias			
Antimony	0.174		"	0.250	-0.117	69.8	75-125	Low Bias			
Arsenic	2.25		"	2.00	0.062	109	75-125				
Barium	2.25		"	2.00	0.194	103	75-125				
Beryllium	0.052		"	0.0500	0.003	99.2	75-125				
Cadmium	0.050		"	0.0500	0.001	97.3	75-125				
Calcium	1360		"	1.00	1370	NR	75-125	Low Bias			
Chromium	0.247		"	0.200	0.056	95.2	75-125				
Cobalt	0.524		"	0.500	0.036	97.6	75-125				
Copper	0.341		"	0.250	0.057	114	75-125				
Iron	55.2		"	1.00	55.5	NR	75-125	Low Bias			
Lead	0.520		"	0.500	0.036	96.8	75-125				
Magnesium	784		"	1.00	790	NR	75-125	Low Bias			
Manganese	2.71		"	0.500	2.29	84.1	75-125				
Nickel	0.586		"	0.500	0.041	109	75-125				
Potassium	6.44		"	1.00	5.49	94.6	75-125				
Selenium	2.21		"	2.00	0.348	92.9	75-125				
Silver	0.047		"	0.0500	-0.003	94.8	75-125				
Sodium	1.64		"	1.00	0.458	118	75-125				
Thallium	1.81		"	2.00	-0.007	90.5	75-125				
Vanadium	0.593		"	0.500	0.074	104	75-125				
Zinc	0.653		"	0.500	0.194	91.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31663 - EPA 3050B											
Reference (BI31663-SRM1) Reference									Prepared: 09/26/2023 Analyzed: 09/27/2023		
Aluminum	8900	4.17	mg/kg wet	10000		89.0	43.7-129				
Antimony	88.3	2.08	"	270		32.7	10-132.6				
Arsenic	193	1.25	"	218		88.4	57.8-110.1				
Barium	363	2.08	"	388		93.6	68.3-113.9				
Beryllium	148	0.042	"	165		89.8	69.1-115.8				
Cadmium	105	0.250	"	118		89.0	67-111.9				
Calcium	5390	4.17	"	5860		92.0	66.7-115.7				
Chromium	239	0.417	"	255		93.9	63.5-118.4				
Cobalt	169	0.333	"	182		93.1	68.7-114.3				
Copper	137	1.67	"	135		102	69-114.8				
Iron	8190	20.8	"	8860		92.4	10.3-172.7				
Lead	154	0.417	"	155		99.4	67.7-119.4				
Magnesium	2150	4.17	"	2380		90.3	54.6-125.6				
Manganese	412	0.417	"	446		92.3	70.4-114.3				
Nickel	124	0.830	"	120		104	63.2-117.5				
Potassium	1620	4.17	"	1960		82.8	50.1-127				
Selenium	74.0	2.08	"	107		69.2	58.3-121.5				
Silver	44.4	0.420	"	51.0		87.0	64.7-120.8				
Sodium	440	41.7	"	519		84.7	52.6-125.6				
Thallium	177	2.08	"	188		93.9	64.9-117.6				
Vanadium	120	0.830	"	133		90.5	61.6-115.8				
Zinc	376	2.08	"	406		92.5	63.8-118.2				
Batch BI31664 - EPA 3050B											
Blank (BI31664-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

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 BI31664 - EPA 3050B											
Duplicate (BI31664-DUP1) Duplicate	*Source sample: 23I1346-13 (Duplicate)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	1920	4.25	mg/kg dry		2140				11.0	35	
Antimony	2.18	2.12	"		ND					35	
Arsenic	5.47	1.27	"		8.35				41.7	35	Non-dir.
Barium	4.20	2.12	"		4.32				2.81	35	
Beryllium	0.151	0.043	"		0.208				31.5	35	
Cadmium	ND	0.255	"		ND					35	
Calcium	1260	4.25	"		1740				32.2	35	
Chromium	5.94	0.425	"		9.13				42.3	35	Non-dir.
Cobalt	1.88	0.340	"		1.93				2.36	35	
Copper	1.99	1.70	"		1.95				1.71	35	
Iron	7620	21.2	"		9330				20.1	35	
Lead	5.65	0.425	"		6.87				19.5	35	
Magnesium	928	4.25	"		1070				14.1	35	
Manganese	45.4	0.425	"		52.4				14.3	35	
Nickel	5.27	0.846	"		5.18				1.70	35	
Potassium	638	4.25	"		780				20.0	35	
Selenium	ND	2.12	"		ND					35	
Silver	ND	0.428	"		ND					35	
Sodium	106	42.5	"		128				18.4	35	
Thallium	2.61	2.12	"		3.92				40.0	35	Non-dir.
Vanadium	8.47	0.846	"		11.7				32.0	35	
Zinc	12.7	2.12	"		13.3				4.61	35	
Matrix Spike (BI31664-MS1) Matrix Spike	*Source sample: 23I1346-13 (Matrix Spike)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	2340	4.25	mg/kg dry	170	2140	115	75-125				
Antimony	12.5	2.12	"	21.2	ND	58.8	75-125	Low Bias			
Arsenic	187	1.27	"	170	8.35	105	75-125				
Barium	198	2.12	"	170	4.32	114	75-125				
Beryllium	4.85	0.043	"	4.25	0.208	109	75-125				
Cadmium	4.58	0.255	"	4.25	ND	108	75-125				
Calcium	1760	4.25	"	85.0	1740	20.7	75-125	Low Bias			
Chromium	23.7	0.425	"	17.0	9.13	85.6	75-125				
Cobalt	51.7	0.340	"	42.5	1.93	117	75-125				
Copper	27.2	1.70	"	21.2	1.95	119	75-125				
Iron	6960	21.2	"	85.0	9330	NR	75-125	Low Bias			
Lead	52.0	0.425	"	42.5	6.87	106	75-125				
Magnesium	1140	4.25	"	85.0	1070	86.0	75-125				
Manganese	105	0.425	"	42.5	52.4	123	75-125				
Nickel	56.4	0.846	"	42.5	5.18	121	75-125				
Potassium	625	4.25	"	85.0	780	NR	75-125	Low Bias			
Selenium	140	2.12	"	170	ND	82.4	75-125				
Silver	3.53	0.428	"	4.25	ND	83.1	75-125				
Sodium	199	42.5	"	85.0	128	84.0	75-125				
Thallium	190	2.12	"	170	3.92	109	75-125				
Vanadium	51.9	0.846	"	42.5	11.7	94.6	75-125				
Zinc	60.4	2.12	"	42.5	13.3	111	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 BI31664 - EPA 3050B											
Post Spike (BI31664-PS1) Post Spike	*Source sample: 23I1346-13 (Post Spike)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	26.5		ug/mL	2.00	25.2	65.3	75-125	Low Bias			
Antimony	0.290		"	0.250	0.024	106	75-125				
Arsenic	2.16		"	2.00	0.098	103	75-125				
Barium	2.29		"	2.00	0.051	112	75-125				
Beryllium	0.055		"	0.0500	0.002	104	75-125				
Cadmium	0.052		"	0.0500	-0.001	104	75-125				
Calcium	21.0		"	1.00	20.5	48.8	75-125	Low Bias			
Chromium	0.318		"	0.200	0.107	105	75-125				
Cobalt	0.576		"	0.500	0.023	111	75-125				
Copper	0.312		"	0.250	0.023	116	75-125				
Iron	106		"	1.00	110	NR	75-125	Low Bias			
Lead	0.610		"	0.500	0.081	106	75-125				
Magnesium	13.2		"	1.00	12.6	61.6	75-125	Low Bias			
Manganese	1.17		"	0.500	0.617	110	75-125				
Nickel	0.600		"	0.500	0.061	108	75-125				
Potassium	10.0		"	1.00	9.17	83.6	75-125				
Selenium	1.53		"	2.00	-0.182	76.7	75-125				
Silver	0.038		"	0.0500	-0.009	75.8	75-125				
Sodium	2.50		"	1.00	1.50	99.9	75-125				
Thallium	2.16		"	2.00	0.046	105	75-125				
Vanadium	0.682		"	0.500	0.138	109	75-125				
Zinc	0.679		"	0.500	0.156	104	75-125				
Reference (BI31664-SRM1) Reference									Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	10300	4.17	mg/kg wet	10000		103	43.7-129				
Antimony	72.2	2.08	"	270		26.7	10-132.6				
Arsenic	196	1.25	"	218		89.8	57.8-110.1				
Barium	413	2.08	"	388		107	68.3-113.9				
Beryllium	153	0.042	"	165		93.0	69.1-115.8				
Cadmium	109	0.250	"	118		92.3	67-111.9				
Calcium	5710	4.17	"	5860		97.4	66.7-115.7				
Chromium	243	0.417	"	255		95.1	63.5-118.4				
Cobalt	176	0.333	"	182		96.8	68.7-114.3				
Copper	144	1.67	"	135		107	69-114.8				
Iron	8820	20.8	"	8860		99.5	10.3-172.7				
Lead	156	0.417	"	155		100	67.7-119.4				
Magnesium	2340	4.17	"	2380		98.3	54.6-125.6				
Manganese	437	0.417	"	446		98.0	70.4-114.3				
Nickel	129	0.830	"	120		107	63.2-117.5				
Potassium	1960	4.17	"	1960		100	50.1-127				
Selenium	76.3	2.08	"	107		71.3	58.3-121.5				
Silver	45.3	0.420	"	51.0		88.9	64.7-120.8				
Sodium	510	41.7	"	519		98.3	52.6-125.6				
Thallium	181	2.08	"	188		96.3	64.9-117.6				
Vanadium	126	0.830	"	133		94.6	61.6-115.8				
Zinc	389	2.08	"	406		95.8	63.8-118.2				

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 BI31651 - EPA 7473 soil												
Blank (BI31651-BLK1)	Blank								Prepared & Analyzed: 09/26/2023			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI31651-DUP1)	Duplicate	*Source sample: 23I1127-03 (Duplicate)							Prepared & Analyzed: 09/26/2023			
Mercury		ND	0.0319	mg/kg dry		ND					35	
Matrix Spike (BI31651-MS1)	Matrix Spike	*Source sample: 23I1127-03 (Matrix Spike)							Prepared & Analyzed: 09/26/2023			
Mercury		0.469		mg/kg	0.500	0.00970	91.8	75-125				
Reference (BI31651-SRM1)	Reference								Prepared & Analyzed: 09/26/2023			
Mercury		19.740		mg/kg	18.2		108	59.9-140.1				
Batch BI31735 - EPA 7473 soil												
Blank (BI31735-BLK1)	Blank								Prepared & Analyzed: 09/27/2023			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI31735-DUP1)	Duplicate	*Source sample: 23H1568-24 (Duplicate)							Prepared & Analyzed: 09/27/2023			
Mercury		0.0413	0.0370	mg/kg dry		0.0534				25.5	35	
Matrix Spike (BI31735-MS1)	Matrix Spike	*Source sample: 23H1568-24 (Matrix Spike)							Prepared & Analyzed: 09/27/2023			
Mercury		0.480		mg/kg	18.2	0.0433	2.40	75-125	Low Bias			
Reference (BI31735-SRM1)	Reference								Prepared & Analyzed: 09/27/2023			
Mercury		19.676		mg/kg	18.2		108	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 BI31447 - Analysis Preparation Soil												
Blank (BI31447-BLK1)	Blank								Prepared & Analyzed: 09/22/2023			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BI31447-DUP1)	Duplicate	*Source sample: 23I1345-01 (SB06_0-2)							Prepared & Analyzed: 09/22/2023			
Cyanide, total		2.66	0.554	mg/kg dry		7.20				92.1	15	Non-dir.
Matrix Spike (BI31447-MS1)	Matrix Spike	*Source sample: 23I1345-01 (SB06_0-2)							Prepared & Analyzed: 09/22/2023			
Cyanide, total		15.4	0.554	mg/kg dry	11.1	7.20	74.0	79.6-107	Low Bias			
Matrix Spike Dup (BI31447-M	Matrix Spike Dup	*Source sample: 23I1345-01 (SB06_0-2)							Prepared & Analyzed: 09/22/2023			
Cyanide, total		13.3	0.554	mg/kg dry	11.1	7.20	55.0	79.6-107	Low Bias	14.7	200	
Reference (BI31447-SRM1)	Reference								Prepared & Analyzed: 09/22/2023			
Cyanide, total		155		ug/mL	131		118	44.4-156.5				
Batch BI31451 - EPA SW846-3060												
Blank (BI31451-BLK1)	Blank								Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BI31451-DUP1)	Duplicate	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		ND	0.508	mg/kg dry		ND					35	
Matrix Spike (BI31451-MS1)	Matrix Spike	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		19.2	0.508	mg/kg dry	20.3	ND	94.8	75-125				
Matrix Spike Dup (BI31451-M	Matrix Spike Dup	*Source sample: 23I1345-04 (SB01_12-14)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		19.5	0.508	mg/kg dry	20.3	ND	96.0	75-125		1.26	200	

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 BI31451 - EPA SW846-3060											
Reference (BI31451-SRM1) Reference									Prepared & Analyzed: 09/22/2023		
Chromium, Hexavalent	186		mg/L	227		81.9	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 BI31593 - % Solids Prep											
Duplicate (BI31593-DUP1) Duplicate	*Source sample: 23I1346-12 (Duplicate)							Prepared & Analyzed: 09/26/2023			
% Solids	97.4	0.100	%		97.3				0.0796	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1345-01	SB06_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1345-02	SB06_10-12	40mL Vial with Stir Bar-Cool 4° C
23I1345-03	SB01_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1345-04	SB01_12-14	40mL Vial with Stir Bar-Cool 4° C
23I1345-05	SB02_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1345-07	SB02_12-14	40mL Vial with Stir Bar-Cool 4° C
23I1345-08	SB05_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1345-09	SB05_12-14	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
QR-01	Analyses are not controlled on RPD values from sample concentrations less than 10 times the reporting limit. QC batch accepted based on LCS and/or LCSD QC results.
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.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
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.

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. 23I1345

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: LANGAN	Company:	Company:
Address: 360 West 31st Street NYC, NY 10001	Address:	Address:
Phone.: 212-479-5400	Phone.:	Phone.:
Contact: Albert Tashji	Contact:	Contact:
E-mail: ATashji@Langan.com	E-mail:	E-mail:

YOUR Project Number: 170790501

YOUR Project Name: 383 Morris Avenue

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) Ali Reach

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.
SB06 - 0-2	S	9/20/23 1100	TCL/Part 375 VOCs and SVOCs,		
SB06 - 10-12		1105	Part 375 PCBs & Pesticides, TAL/Part 375		
SB01 - 0-2		1200	metals including cyanide and hex/Tri		
SB01 - 12-14		1205	Chromium, 1,4-dioxane		
SB02 - 0-2		1300	Herbicides (LM)		
☆ SB02 - 4-6 ☆		1305		*ALSO PFAS*	
SB02 - 12-14		1310			
SB05 - 0-2		1500			
SB05 - 12-14		1505			
~~EB~~ EBFB01-092023	AQ	1400	PFAS		

Comments: Please cc: Datamanagment@Langan.com and Lmcornell@Langan.com
☆ Also Run SB02-4-6 for PFAS ☆

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
Ali Reach / Langan	09/20/23	Marcus/York	9.20.23 1414	Marcus/York	9.20.23
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Kamen York	9/20 1800	Kamen York	9/20 2000		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					9/20/23 2000 / 2.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Report Date: 09/30/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1404

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: 09/30/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1404

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 21, 2023 and listed below. The project was identified as your project: **170790501**.

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
23I1404-01	MW03_092123	Water	09/21/2023	09/21/2023
23I1404-02	SB03_0-2	Soil	09/21/2023	09/21/2023
23I1404-03	SB03_4-6	Soil	09/21/2023	09/21/2023
23I1404-04	SB03_12-14	Soil	09/21/2023	09/21/2023
23I1404-05	SB04_0-2	Soil	09/21/2023	09/21/2023
23I1404-06	SB04_10-12	Soil	09/21/2023	09/21/2023
23I1404-07	SODUP01_092123	Soil	09/21/2023	09/21/2023
23I1404-08	PFASFB01_092123	Water	09/21/2023	09/21/2023
23I1404-09	TB02_092123	Water	09/21/2023	09/21/2023
23I1404-10	SOFB01_092123	Water	09/21/2023	09/21/2023

General Notes for York Project (SDG) No.: 23I1404

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

Approved By  **Date:** 09/30/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.8**	B	ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**0.77**		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	**cis-1,2-Dichloroethylene**	**0.31**	J	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	**Tetrachloroethylene**	**1.7**		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	**Trichloroethylene**	**1.3**		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/28/2023 06:00	09/28/2023 18:40	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.3 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	CAL-E	ug/L	0.0200	0.0200	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 17:51	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.4 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.4 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*68.4 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.1 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*65.6 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/22/2023 08:15	09/26/2023 00:55	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*73.1 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: 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)**	**5.62**		ng/L	0.464	1.75	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**10.3**		ng/L	0.346	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**5.19**		ng/L	0.701	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**6.71**		ng/L	0.672	1.81	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**27.2**		ng/L	0.415	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**22.8**		ng/L	0.810	1.84	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**1.28**	J	ng/L	0.514	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.741	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.731	1.98	1	EPA 1633 Draft 3	09/25/2023 09:44	09/28/2023 20:05	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.682	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.780	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**13.3**		ng/L	0.227	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.869	1.98	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.899	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.30	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.03	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**7.82**	J	ng/L	0.326	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.494	3.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:05	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:05	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.247	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:05	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.366	3.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:05	ESJ
2706-91-4	**Perfluoro-1-pentanesulfonate (PFPeS)**	**0.966**	J	ng/L	0.751	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.77	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.19	7.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.691	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
919005-14-4	ADONA	ND		ng/L	0.524	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.919	1.92	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.850	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:05	ESJ

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.01	4.94	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.24	24.7	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.35	24.7	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.98	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.94	19.8	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.78	1.98	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:05	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*121 %*	*25-150*
Surrogate: M5PFHxA	*114 %*	*25-150*
Surrogate: M4PFHpA	*151 %*	*25-150*
Surrogate: M3PFHxS	*121 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*112 %*	*25-150*
Surrogate: M6PFDA	*115 %*	*25-150*
Surrogate: M7PFUdA	*106 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*87.2 %*	*25-150*
Surrogate: M2PFTeDA	*65.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*8.95 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*116 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*95.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*150 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*126 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*129 %*	*25-150*
Surrogate: M2-6:2 FTS	*87.9 %*	*25-200*
Surrogate: M2-8:2 FTS	*71.2 %*	*25-200*
Surrogate: M9PFNA	*115 %*	*25-150*
Surrogate: M2-4:2 FTS	*161 %*	*25-150*
Surrogate: d-N-MeFOSA	*112 %*	*25-150*
Surrogate: d-N-EtFOSA	*82.3 %*	*25-150*
Surrogate: M3HFPO-DA	*138 %*	*25-150*
Surrogate: d9-N-EtFOSE	*72.8 %*	*25-150*
Surrogate: d7-N-MeFOSE	*74.9 %*	*25-150*

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND	P	ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.1 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:02	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*58.5 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:28	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:28	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:28	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Herbicides, Target List

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

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.6 %*			*30-150*					

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.130**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.232**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**215**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**70.6**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0226**		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**11.2**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**286**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0499**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.0904**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.226**		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**209**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**69.5**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.0206**		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**10.7**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**279**		mg/L	0.556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 15:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:14	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/25/2023 16:35	09/25/2023 16:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0002**		mg/L	0.0002	1	EPA 7470	09/28/2023 16:20	09/28/2023 16:20	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW03_092123 **York Sample ID:** 23I1404-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 4:00 pm	09/21/2023

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/21/2023 21:20	09/21/2023 22:34	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**5340**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:21	VR
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/22/2023 14:32	09/22/2023 17:07	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.054	0.11	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

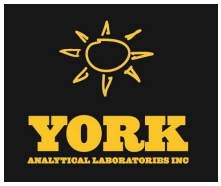
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.012**		mg/kg dry	0.0054	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0054	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: **SB03_0-2** **York Sample ID:** **23I1404-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0080	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:16	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	**Acetophenone**	**0.0507**	J	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.179	0.358	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**0.0564**	J	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.179	0.358	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.186**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.173**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.218**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.107**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**0.0935**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.0793**	J	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.186**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0893	0.178	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.435**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.113**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.265**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.330**		mg/kg dry	0.0448	0.0893	2	EPA 8270D	09/29/2023 08:30	09/30/2023 03:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.8 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.2 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.6 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*48.2 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.7 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0196	1	EPA 8270D SIM	09/29/2023 08:37	09/30/2023 14:35	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*56.7 %*	*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	0.121	0.193	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0577	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.195	0.199	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NJDEP-NY037				
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**0.342**		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.208	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.218	1	EPA 1633 Draft 3	09/22/2023 14:20	09/26/2023 02:25	ESJ
							Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

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
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.211	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.119	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.208	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.648	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.823	0.837	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NELAC-NY12058,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.388	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.210	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0675	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.436	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.648	0.817	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.662	0.872	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.339	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.268	0.815	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.184	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

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	0.135	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097 ,NJDEP-NY037	09/22/2023 14:20	09/26/2023 02:25	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.691	1.09	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.45	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.666	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.196	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.759	2.18	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NH2097	09/22/2023 14:20	09/26/2023 02:25	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*92.3 %*	*25-150*
Surrogate: M5PFHxA	*86.6 %*	*25-150*
Surrogate: M4PFHpA	*120 %*	*25-150*
Surrogate: M3PFHxS	*97.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*98.9 %*	*25-150*
Surrogate: M6PFDA	*78.2 %*	*25-150*
Surrogate: M7PFUdA	*83.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*77.4 %*	*25-150*
Surrogate: M2PFTeDA	*65.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*73.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*90.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*82.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*105 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*81.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*121 %*	*25-150*
Surrogate: M2-6:2 FTS	*78.5 %*	*25-200*
Surrogate: M2-8:2 FTS	*76.8 %*	*25-200*
Surrogate: M9PFNA	*92.8 %*	*25-150*
Surrogate: M2-4:2 FTS	*62.0 %*	*25-150*
Surrogate: d-N-MeFOSA	*79.2 %*	*25-150*
Surrogate: d-N-EtFOSA	*70.0 %*	*25-150*
Surrogate: M3HFPO-DA	*104 %*	*25-150*
Surrogate: d9-N-EtFOSE	*87.3 %*	*25-150*
Surrogate: d7-N-MeFOSE	*84.6 %*	*25-150*

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		mg/kg dry	0.0356	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00889	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0900	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.1 %*	*30-150*

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

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
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.7 %*			*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	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0180	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:01	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*49.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.0 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 12:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 12:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 12:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*52.6 %*	*21-150*

Metals, Target Analyte

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

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

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
7429-90-5	**Aluminum**	**9450**		mg/kg dry	4.57	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.28	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**7.26**		mg/kg dry	1.37	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**76.8**		mg/kg dry	2.28	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.274	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**46600**	B	mg/kg dry	4.57	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**20.8**		mg/kg dry	0.457	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**9.17**		mg/kg dry	0.365	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**53.9**		mg/kg dry	1.83	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	**Iron**	**14600**		mg/kg dry	22.8	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**48.6**		mg/kg dry	0.457	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**22400**		mg/kg dry	4.57	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**303**		mg/kg dry	0.457	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**21.4**		mg/kg dry	0.910	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2780**		mg/kg dry	4.57	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.47**		mg/kg dry	2.28	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.460	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**272**		mg/kg dry	45.7	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.28	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**27.1**		mg/kg dry	0.910	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**63.3**		mg/kg dry	2.27	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23I1404-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:00 am	09/21/2023

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**	**0.0700**		mg/kg dry	0.0329	1	EPA 7473	09/27/2023 15:17	09/27/2023 21:58	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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**	**20.8**		mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.2**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **SB03_4-6** **York Sample ID:** **23I1404-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.082	0.16	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	**2-Butanone**	**0.0041**	J	mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.031**		mg/kg dry	0.0082	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0082	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0082	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.025	1	EPA 8260D	09/27/2023 10:59	09/27/2023 14:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.144**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	**2-Methylnaphthalene**	**0.566**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	**Acenaphthene**	**3.61**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	**Acenaphthylene**	**0.302**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.371	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	**Anthracene**	**4.63**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.186	0.371	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**11.0**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**9.68**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**13.2**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**6.32**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	**Benzo(k)fluoranthene**	**5.01**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	**Benzyl butyl phthalate**	**0.391**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	**Carbazole**	**2.53**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**10.6**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	**Dibenzo(a,h)anthracene**	**1.95**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	**Dibenzofuran**	**1.65**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	**Dimethyl phthalate**	**0.0637**	J	mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0927	0.185	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:			
206-44-0	**Fluoranthene**	**25.2**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	**Fluorene**	**2.67**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE, CCVE	mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**7.61**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	**Naphthalene**	**1.36**		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**19.6**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0465	0.0927	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**20.7**		mg/kg dry	0.581	1.16	25	EPA 8270D	09/29/2023 08:30	09/30/2023 11:08	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*57.9 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*53.1 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*55.2 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.8 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*61.6 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0189	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 19:25	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*45.3 %*	*39-127.5*

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**	**0.00343**		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	**4,4'-DDE**	**0.00373**		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	**4,4'-DDT**	**0.0163**		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

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		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00917	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0928	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*87.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.4 %*	*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	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:14	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*39.0 %*		*30-140*						

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 13:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 13:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0218	1	EPA 8151A	09/28/2023 08:56	09/29/2023 13:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.0 %*		*21-150*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9010**		mg/kg dry	4.66	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**13.1**		mg/kg dry	1.40	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**280**		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**1.02**		mg/kg dry	0.280	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**55400**	B	mg/kg dry	4.66	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**26.5**		mg/kg dry	0.467	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**7.30**		mg/kg dry	0.373	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**75.7**		mg/kg dry	1.87	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

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
7439-89-6	**Iron**	**20000**		mg/kg dry	23.3	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**319**		mg/kg dry	0.467	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**12600**		mg/kg dry	4.67	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**414**		mg/kg dry	0.467	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**16.7**		mg/kg dry	0.929	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**1550**		mg/kg dry	4.67	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**288**		mg/kg dry	46.6	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	**Thallium**	**3.97**	M-CCV 1	mg/kg dry	2.33	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**34.5**		mg/kg dry	0.929	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**310**		mg/kg dry	2.32	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.145**		mg/kg dry	0.0336	1	EPA 7473	09/27/2023 15:17	09/27/2023 21:58	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.559	1	EPA 7196A	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB03_4-6 **York Sample ID:** 23I1404-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:20 am	09/21/2023

16065-83-1	*** Chromium, Trivalent**	**26.5**	mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	0.559	1	EPA 9014/9010C	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.16	0.32	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.016	0.032	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.016	0.032	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.016	0.032	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.016	0.032	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.024	0.047	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:07	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.186	0.373	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.186	0.373	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0841**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0818**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.100**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	**Benzo(g,h,i)perylene**	**0.0469**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0774**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0931	0.186	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.211**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0551**	J	mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.155**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.145**		mg/kg dry	0.0466	0.0931	2	EPA 8270D	09/29/2023 08:30	09/30/2023 04:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.6 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.6 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.5 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.7 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.8 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0189	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 19:43	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*41.7 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

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		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00915	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0926	5	EPA 8081B	09/29/2023 08:16	09/29/2023 22:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.1 %*	*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	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:28	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

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
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.5 %*		*30-140*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.0 %*		*30-140*						

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	09/27/2023 08:33	09/27/2023 21:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*84.8 %*		*21-150*						

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3830**		mg/kg dry	4.71	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.36	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**6.29**		mg/kg dry	1.41	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**30.1**		mg/kg dry	2.35	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.657**		mg/kg dry	0.047	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**163000**	B	mg/kg dry	4.71	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**5.53**		mg/kg dry	0.472	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.48**		mg/kg dry	0.377	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.35**		mg/kg dry	1.89	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

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
7439-89-6	**Iron**	**7320**		mg/kg dry	23.6	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**9.80**		mg/kg dry	0.472	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**106000**		mg/kg dry	4.72	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**456**		mg/kg dry	0.472	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**1.87**		mg/kg dry	0.939	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**413**		mg/kg dry	4.72	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**30.4**		mg/kg dry	2.36	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.475	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**152**		mg/kg dry	47.1	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.36	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**10.4**		mg/kg dry	0.939	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**26.3**		mg/kg dry	2.35	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0339	1	EPA 7473	09/27/2023 15:17	09/27/2023 21:58	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.565	1	EPA 7196A	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB03_12-14 **York Sample ID:** 23I1404-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 10:30 am	09/21/2023

16065-83-1	*** Chromium, Trivalent**	**5.53**	mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	0.565	1	EPA 9014/9010C	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.4**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.053	0.11	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

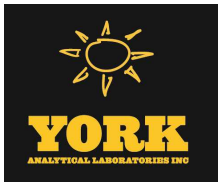
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**0.0088**	J	mg/kg dry	0.0053	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0053	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		



Sample Information

Client Sample ID: **SB04_0-2** **York Sample ID:** **23I1404-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0053	0.011	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0053	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0079	0.016	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.364	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.182	0.364	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	**Benzo(a)anthracene**	**0.0734**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	**Benzo(a)pyrene**	**0.0633**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	**Benzo(b)fluoranthene**	**0.0793**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.669**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	**Chrysene**	**0.0625**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0910	0.182	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:			
206-44-0	**Fluoranthene**	**0.154**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0458**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	**Phenanthrene**	**0.0647**	J	mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	**Pyrene**	**0.121**		mg/kg dry	0.0456	0.0910	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.7 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*70.0 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*44.9 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.4 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0189	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 20:01	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*47.0 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0360	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

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		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00900	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0911	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*94.4 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.8 %*	*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	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0182	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:42	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*66.5 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0217	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0217	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0217	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*45.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9290**		mg/kg dry	4.59	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.29	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**8.54**		mg/kg dry	1.38	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**77.9**		mg/kg dry	2.29	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/kg dry	0.046	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**64800**	B	mg/kg dry	4.59	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**16.6**		mg/kg dry	0.459	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**6.71**		mg/kg dry	0.367	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**23.1**		mg/kg dry	1.84	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

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
7439-89-6	**Iron**	**12800**		mg/kg dry	22.9	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**33.3**		mg/kg dry	0.459	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**18700**		mg/kg dry	4.59	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.459	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**12.7**		mg/kg dry	0.914	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**2600**		mg/kg dry	4.59	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**2.92**		mg/kg dry	2.29	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**329**		mg/kg dry	45.9	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.29	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**25.9**		mg/kg dry	0.914	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**59.0**		mg/kg dry	2.29	1	EPA 6010D	09/26/2023 18:02	09/28/2023 17:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0835**		mg/kg dry	0.0330	1	EPA 7473	09/28/2023 15:34	09/29/2023 12:24	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23I1404-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:00 pm	09/21/2023

16065-83-1	*** Chromium, Trivalent**	**16.6**	mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.044	0.089	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0044	0.0089	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260D	09/27/2023 10:59	09/27/2023 15:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.174	0.349	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.174	0.349	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0871	0.174	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0436	0.0871	2	EPA 8270D	09/29/2023 08:30	09/30/2023 05:46	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*55.3 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*50.4 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.9 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.1 %*			*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.2 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0189	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 20:18	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*46.0 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

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		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00864	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.0874	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.0 %*	*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	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A	09/29/2023 08:16	09/30/2023 00:55	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.0 %*	*30-140*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0208	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:13	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0208	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:13	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0208	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:13	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

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

Metals, 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**	**8390**		mg/kg dry	4.45	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.23	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.76**		mg/kg dry	1.34	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**10.3**		mg/kg dry	2.22	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**0.833**		mg/kg dry	0.045	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.415**		mg/kg dry	0.267	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**202000**	B	mg/kg dry	4.45	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**6.45**		mg/kg dry	0.445	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**2.39**		mg/kg dry	0.356	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**7.44**		mg/kg dry	1.78	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

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
7439-89-6	**Iron**	**5690**		mg/kg dry	22.3	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/kg dry	0.445	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**102000**		mg/kg dry	4.45	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**407**		mg/kg dry	0.445	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/kg dry	0.887	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**99.0**		mg/kg dry	4.45	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**31.7**		mg/kg dry	2.23	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**150**		mg/kg dry	44.5	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.23	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**9.35**		mg/kg dry	0.887	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**8.60**		mg/kg dry	2.22	1	EPA 6010D	09/26/2023 18:08	09/28/2023 17:59	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0320	1	EPA 7473	09/28/2023 15:34	09/29/2023 12:24	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.534	1	EPA 7196A	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SB04_10-12 **York Sample ID:** 23I1404-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 12:20 pm	09/21/2023

16065-83-1	*** Chromium, Trivalent**	**6.45**	mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	0.534	1	EPA 9014/9010C	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.6**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	CAL-E	mg/kg dry	0.066	0.13	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND	CAL-E	mg/kg dry	0.0066	0.013	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
74-95-3	Dibromomethane	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260D	09/28/2023 09:04	09/28/2023 13:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*107 %*	*76-130*

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

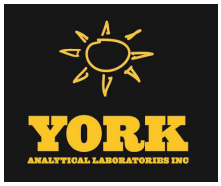
Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND	CAL-E	mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		mg/kg dry	0.220	0.439	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		



Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND	CAL-E	mg/kg dry	0.220	0.439	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
122-39-4	* Diphenylamine	ND		mg/kg dry	0.110	0.219	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:			
206-44-0	Fluoranthene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, ICVE	mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		mg/kg dry	0.0550	0.110	2	EPA 8270D	09/29/2023 08:30	09/30/2023 06:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.2 %*			*20-108*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*84.0 %*			*23-114*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.6 %*			*22-108*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*83.8 %*			*21-113*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*136 %*	S-08		*19-110*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*87.8 %*			*24-116*						

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

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg	0.0190	1	EPA 8270D SIM	09/28/2023 08:07	09/28/2023 20:35	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.4 %*	*39-127.5*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		mg/kg dry	0.0428	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,PADEP-68-04440			

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

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		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		mg/kg dry	0.0107	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		mg/kg dry	0.108	5	EPA 8081B	09/29/2023 08:16	09/29/2023 23:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*109 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.6 %*	*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	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A	09/29/2023 08:16	09/30/2023 01:09	BCJ
							Certifications:			

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

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

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-140*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.0 %*	*30-140*

Herbicides, Target List

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

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0259	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0259	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		mg/kg dry	0.0259	1	EPA 8151A	09/27/2023 08:33	09/27/2023 22:23	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*72.8 %*	*21-150*

Metals, Target Analyte

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

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9780**		mg/kg dry	5.50	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-36-0	Antimony	ND		mg/kg dry	2.75	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**5.63**		mg/kg dry	1.65	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**17.6**		mg/kg dry	2.75	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	**Beryllium**	**1.25**		mg/kg dry	0.055	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	**Cadmium**	**0.507**		mg/kg dry	0.330	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**218000**	B	mg/kg dry	5.50	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**8.47**		mg/kg dry	0.550	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	**Cobalt**	**3.84**		mg/kg dry	0.439	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	**Copper**	**9.23**		mg/kg dry	2.20	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

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
7439-89-6	**Iron**	**7670**		mg/kg dry	27.5	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	**Lead**	**1.38**		mg/kg dry	0.550	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**117000**		mg/kg dry	5.50	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**558**		mg/kg dry	0.550	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/kg dry	1.10	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**318**		mg/kg dry	5.50	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**35.0**		mg/kg dry	2.75	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**151**		mg/kg dry	55.0	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/kg dry	2.75	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	**Vanadium**	**11.0**		mg/kg dry	1.10	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**12.1**		mg/kg dry	2.74	1	EPA 6010D	09/26/2023 18:08	09/28/2023 18:02	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0396	1	EPA 7473	09/28/2023 15:34	09/29/2023 12:24	AJL
							Certifications:	CTDOH-PH-0723,NJDEP-CT005,NELAC-NY10854,PADEP-68-044		

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	0.660	1	EPA 7196A	09/26/2023 08:56	09/26/2023 16:44	JAMT
							Certifications:	NJDEP-CT005,CTDOH-PH-0723,NELAC-NY10854,PADEP-68-044		

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

Sample Information

Client Sample ID: SODUP01_092123 **York Sample ID:** 23I1404-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Soil	September 21, 2023 3:00 pm	09/21/2023

16065-83-1	*** Chromium, Trivalent**	**8.47**	mg/kg	0.500	1	Calculation	09/29/2023 07:23	09/29/2023 10:21	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	0.660	1	EPA 9014/9010C	09/25/2023 09:10	09/25/2023 14:00	JAMT
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Total Solids

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

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.8**		%	0.100	1	SM 2540G	09/26/2023 13:09	09/26/2023 16:45	PMB
							Certifications:	CTDOH-PH-0723		

Sample Information

Client Sample ID: **PFASFB01_092123** **York Sample ID:** **23I1404-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:40 pm	09/21/2023

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)**	**0.540**	J	ng/L	0.463	1.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.345	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.700	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.670	1.80	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.414	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.808	1.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.513	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.739	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.11	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.867	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.729	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.680	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.779	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.227	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.867	1.97	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.897	1.88	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.30	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.04	7.49	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.02	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.325	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ

Sample Information

Client Sample ID: PFASFB01_092123 **York Sample ID:** 23I1404-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:40 pm	09/21/2023

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
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.493	3.51	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:21	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.11	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:21	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.246	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:21	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.365	3.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/25/2023 09:44	09/28/2023 20:21	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.749	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.76	7.39	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.18	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.36	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.690	7.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
919005-14-4	ADONA	ND		ng/L	0.522	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.917	1.91	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.848	1.89	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/25/2023 09:44	09/28/2023 20:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.00	4.93	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.23	24.6	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.34	24.6	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.56	1.97	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.93	19.7	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.77	1.97	1	EPA 1633 Draft 3 Certifications:	09/25/2023 09:44	09/28/2023 20:21	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*141 %*	*25-150*
Surrogate: M5PFHxA	*109 %*	*25-150*
Surrogate: M4PFHpA	*141 %*	*25-150*
Surrogate: M3PFHxS	*117 %*	*25-150*

Sample Information

Client Sample ID: PFASFB01_092123 **York Sample ID:** 23I1404-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:40 pm	09/21/2023

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-[13C8]octanoic aci	*118 %*			*25-150*						
	Surrogate: M6PFDA	*102 %*			*25-150*						
	Surrogate: M7PFUdA	*98.1 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*91.2 %*			*25-150*						
	Surrogate: M2PFTeDA	*69.0 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*14.1 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*101 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*88.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*155 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*150 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*154 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*99.5 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*88.1 %*			*25-200*						
	Surrogate: M9PFNA	*119 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*97.3 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*158 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*118 %*			*25-150*						
	Surrogate: M3HFPO-DA	*137 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*92.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*92.5 %*			*25-150*						

Sample Information

Client Sample ID: TB02_092123 **York Sample ID:** 23I1404-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_092123 **York Sample ID:** 23I1404-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**3.9**	B	ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.21**	J	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB02_092123 **York Sample ID:** 23I1404-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB02_092123 **York Sample ID:** 23I1404-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 3:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:33	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.1 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.4 %*	*79-122*

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**1.9**	J, B	ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**0.27**	J	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**3.3**		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68-		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	1.0	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Volatile Organics, 8260 - Comprehensive

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

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/28/2023 06:00	09/28/2023 14:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*96.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1912-24-9	Atrazine	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND	CAL-E	ug/L	0.0200	0.0200	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND	CAL-E	ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND	CAL-E	ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CAL-E	ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/28/2023 18:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.3 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.0 %*	*10.1-41.7*

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*71.9 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.0 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.9 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.5 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**9.18**		ug/L	0.300	1	EPA 8270D SIM	09/22/2023 08:15	09/26/2023 01:13	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*85.0 %*	*36.6-118*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND	P	ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/27/2023 08:42	09/27/2023 19:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/27/2023 08:42	09/27/2023 22:15	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.0 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*70.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.435**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**0.0879**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	**Nickel**	**0.142**		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.916**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 19:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 15:12	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/25/2023 16:35	09/25/2023 16:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SOFB01_092123 **York Sample ID:** 23I1404-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1404	170790501	Water	September 21, 2023 5:00 pm	09/21/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/22/2023 14:51	09/22/2023 15:36	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**3000**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:21	VR
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/22/2023 14:32	09/22/2023 17:07	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Analytical Batch Summary

Batch ID: BI30257 **Preparation Method:** EPA 5030B **Prepared By:** AC

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/28/23
23I1404-09	TB02_092123	09/28/23
23I1404-10	SOFB01_092123	09/28/23
BI30257-BLK1	Blank	09/28/23
BI30257-BS1	LCS	09/28/23
BI30257-BSD1	LCS Dup	09/28/23
BI30257-MS1	Matrix Spike	09/28/23
BI30257-MSD1	Matrix Spike Dup	09/28/23

Batch ID: BI30733 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/27/23
23I1404-03	SB03_4-6	09/27/23
23I1404-04	SB03_12-14	09/27/23
23I1404-05	SB04_0-2	09/27/23
23I1404-06	SB04_10-12	09/27/23
BI30733-BLK1	Blank	09/27/23
BI30733-BS1	LCS	09/27/23
BI30733-BSD1	LCS Dup	09/27/23

Batch ID: BI30734 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-07	SODUP01_092123	09/28/23
BI30734-BLK1	Blank	09/28/23
BI30734-BS1	LCS	09/28/23
BI30734-BSD1	LCS Dup	09/28/23

Batch ID: BI31385 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/21/23
BI31385-BLK1	Blank	09/21/23
BI31385-BS1	LCS	09/21/23
BI31385-DUP1	Duplicate	09/21/23
BI31385-MS1	Matrix Spike	09/21/23
BI31385-MSD1	Matrix Spike Dup	09/21/23

Batch ID: BI31400 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/22/23

23I1404-10	SOFB01_092123	09/22/23
BI31400-BLK1	Blank	09/22/23
BI31400-BS1	LCS	09/22/23
BI31400-MS1	Matrix Spike	09/22/23
BI31400-MSD1	Matrix Spike Dup	09/22/23

Batch ID: BI31443 **Preparation Method:** EPA 1633 Prep **Prepared By:** KFH

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/22/23
BI31443-BLK1	Blank	09/22/23
BI31443-BS1	LCS	09/22/23
BI31443-BS2	LCS	09/22/23
BI31443-DUP1	Duplicate	09/22/23

Batch ID: BI31445 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/22/23
23I1404-10	SOFB01_092123	09/22/23
BI31445-BLK1	Blank	09/22/23
BI31445-BS1	LCS	09/22/23
BI31445-DUP1	Duplicate	09/22/23
BI31445-MS1	Matrix Spike	09/22/23
BI31445-MSD1	Matrix Spike Dup	09/22/23

Batch ID: BI31450 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-10	SOFB01_092123	09/22/23
BI31450-BLK1	Blank	09/22/23
BI31450-BS1	LCS	09/22/23
BI31450-DUP1	Duplicate	09/22/23
BI31450-MS1	Matrix Spike	09/22/23
BI31450-MSD1	Matrix Spike Dup	09/22/23

Batch ID: BI31530 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/25/23
23I1404-03	SB03_4-6	09/25/23
23I1404-04	SB03_12-14	09/25/23
23I1404-05	SB04_0-2	09/25/23
23I1404-06	SB04_10-12	09/25/23
23I1404-07	SODUP01_092123	09/25/23
BI31530-BLK1	Blank	09/25/23
BI31530-DUP1	Duplicate	09/25/23
BI31530-MS1	Matrix Spike	09/25/23
BI31530-MSD1	Matrix Spike Dup	09/25/23

BI31530-SRM1	Reference	09/25/23

Batch ID: BI31536 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/25/23
23I1404-08	PFASFB01_092123	09/25/23
BI31536-BLK1	Blank	09/25/23
BI31536-BS1	LCS	09/25/23
BI31536-BS2	LCS	09/25/23
BI31536-DUP1	Duplicate	09/25/23

Batch ID: BI31572 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/25/23
23I1404-10	SOFB01_092123	09/25/23
BI31572-BLK1	Blank	09/25/23
BI31572-BS1	LCS	09/25/23
BI31572-DUP1	Duplicate	09/25/23
BI31572-MS1	Matrix Spike	09/25/23
BI31572-MSD1	Matrix Spike Dup	09/25/23

Batch ID: BI31617 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/26/23
23I1404-03	SB03_4-6	09/26/23
23I1404-04	SB03_12-14	09/26/23
23I1404-05	SB04_0-2	09/26/23
23I1404-06	SB04_10-12	09/26/23
23I1404-07	SODUP01_092123	09/26/23
BI31617-BLK1	Blank	09/26/23
BI31617-DUP1	Duplicate	09/26/23
BI31617-MS1	Matrix Spike	09/26/23
BI31617-MSD1	Matrix Spike Dup	09/26/23
BI31617-SRM1	Reference	09/26/23

Batch ID: BI31637 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/26/23
23I1404-03	SB03_4-6	09/26/23
23I1404-04	SB03_12-14	09/26/23
23I1404-05	SB04_0-2	09/26/23
23I1404-06	SB04_10-12	09/26/23
23I1404-07	SODUP01_092123	09/26/23
BI31637-DUP1	Duplicate	09/26/23

Batch ID: BI31667 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/26/23
23I1404-03	SB03_4-6	09/26/23
23I1404-04	SB03_12-14	09/26/23
23I1404-05	SB04_0-2	09/26/23
BI31667-BLK1	Blank	09/26/23
BI31667-DUP1	Duplicate	09/26/23
BI31667-MS1	Matrix Spike	09/26/23
BI31667-PS1	Post Spike	09/26/23
BI31667-SRM1	Reference	09/26/23

Batch ID: BI31668 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-06	SB04_10-12	09/26/23
23I1404-07	SODUP01_092123	09/26/23
BI31668-BLK1	Blank	09/26/23
BI31668-DUP1	Duplicate	09/26/23
BI31668-MS1	Matrix Spike	09/26/23
BI31668-PS1	Post Spike	09/26/23
BI31668-SRM1	Reference	09/26/23

Batch ID: BI31701 **Preparation Method:** EPA 3550C/8151A **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-04	SB03_12-14	09/27/23
23I1404-05	SB04_0-2	09/27/23
23I1404-06	SB04_10-12	09/27/23
23I1404-07	SODUP01_092123	09/27/23
BI31701-BLK1	Blank	09/27/23
BI31701-BS1	LCS	09/27/23
BI31701-MS1	Matrix Spike	09/27/23
BI31701-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31702 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/27/23
BI31702-BLK1	Blank	09/27/23
BI31702-BS1	LCS	09/27/23
BI31702-DUP1	Duplicate	09/27/23
BI31702-MS1	Matrix Spike	09/27/23
BI31702-PS1	Post Spike	09/27/23

Batch ID: BI31703 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/27/23
23I1404-01	MW03_092123	09/27/23
23I1404-10	SOFB01_092123	09/27/23
23I1404-10	SOFB01_092123	09/27/23
BI31703-BLK1	Blank	09/27/23
BI31703-BLK2	Blank	09/27/23
BI31703-BS1	LCS	09/27/23
BI31703-BS2	LCS	09/27/23
BI31703-BSD1	LCS Dup	09/27/23
BI31703-BSD2	LCS Dup	09/27/23
BI31703-MS1	Matrix Spike	09/27/23
BI31703-MS2	Matrix Spike	09/27/23
BI31703-MSD1	Matrix Spike Dup	09/27/23
BI31703-MSD2	Matrix Spike Dup	09/27/23

Batch ID: BI31704 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/27/23
BI31704-BLK1	Blank	09/27/23
BI31704-BS1	LCS	09/27/23
BI31704-DUP1	Duplicate	09/27/23
BI31704-MS1	Matrix Spike	09/27/23

Batch ID: BI31705 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/27/23
23I1404-10	SOFB01_092123	09/27/23
BI31705-BLK1	Blank	09/27/23
BI31705-BS1	LCS	09/27/23
BI31705-MS1	Matrix Spike	09/27/23
BI31705-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31736 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/27/23
23I1404-03	SB03_4-6	09/27/23
23I1404-04	SB03_12-14	09/27/23
BI31736-BLK1	Blank	09/27/23
BI31736-DUP1	Duplicate	09/27/23
BI31736-MS1	Matrix Spike	09/27/23
BI31736-SRM1	Reference	09/27/23

Batch ID: BI31778 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-03	SB03_4-6	09/28/23
23I1404-04	SB03_12-14	09/28/23
23I1404-05	SB04_0-2	09/28/23
23I1404-06	SB04_10-12	09/28/23
23I1404-07	SODUP01_092123	09/28/23
BI31778-BLK1	Blank	09/28/23
BI31778-BS1	LCS	09/28/23
BI31778-MS1	Matrix Spike	09/28/23
BI31778-MSD1	Matrix Spike Dup	09/28/23

Batch ID: BI31786 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/28/23
23I1404-10	SOFB01_092123	09/28/23
BI31786-BLK1	Blank	09/28/23
BI31786-BS1	LCS	09/28/23
BI31786-BSD1	LCS Dup	09/28/23

Batch ID: BI31790 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/28/23
23I1404-10	SOFB01_092123	09/28/23
BI31790-BLK1	Blank	09/28/23
BI31790-BS1	LCS	09/28/23
BI31790-DUP1	Duplicate	09/28/23
BI31790-MS1	Matrix Spike	09/28/23
BI31790-PS1	Post Spike	09/28/23

Batch ID: BI31794 **Preparation Method:** EPA 3550C/8151A **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/28/23
23I1404-03	SB03_4-6	09/28/23
BI31794-BLK1	Blank	09/28/23
BI31794-BS1	LCS	09/28/23
BI31794-MS1	Matrix Spike	09/28/23
BI31794-MSD1	Matrix Spike Dup	09/28/23

Batch ID: BI31795 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/28/23
23I1404-10	SOFB01_092123	09/28/23
BI31795-BLK1	Blank	09/28/23

BI31795-BS1	LCS	09/28/23
BI31795-DUP1	Duplicate	09/28/23
BI31795-MS1	Matrix Spike	09/28/23

Batch ID: BI31842 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-05	SB04_0-2	09/28/23
23I1404-06	SB04_10-12	09/28/23
23I1404-07	SODUP01_092123	09/28/23
BI31842-BLK1	Blank	09/28/23
BI31842-DUP1	Duplicate	09/28/23
BI31842-MS1	Matrix Spike	09/28/23
BI31842-SRM1	Reference	09/28/23

Batch ID: BI31851 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/28/23
BI31851-BLK1	Blank	09/28/23
BI31851-BLK2	Blank	09/28/23
BI31851-BS1	LCS	09/28/23
BI31851-BS2	LCS	09/28/23

Batch ID: BI31868 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/29/23
23I1404-03	SB03_4-6	09/29/23
23I1404-04	SB03_12-14	09/29/23
23I1404-05	SB04_0-2	09/29/23
23I1404-06	SB04_10-12	09/29/23
23I1404-07	SODUP01_092123	09/29/23

Batch ID: BI31869 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-01	MW03_092123	09/29/23
23I1404-10	SOFB01_092123	09/29/23

Batch ID: BI31881 **Preparation Method:** EPA 3550C **Prepared By:** AN

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/29/23
23I1404-02	SB03_0-2	09/29/23
23I1404-03	SB03_4-6	09/29/23
23I1404-03	SB03_4-6	09/29/23
23I1404-04	SB03_12-14	09/29/23

23I1404-04	SB03_12-14	09/29/23
23I1404-05	SB04_0-2	09/29/23
23I1404-05	SB04_0-2	09/29/23
23I1404-06	SB04_10-12	09/29/23
23I1404-06	SB04_10-12	09/29/23
23I1404-07	SODUP01_092123	09/29/23
23I1404-07	SODUP01_092123	09/29/23
BI31881-BLK1	Blank	09/29/23
BI31881-BLK2	Blank	09/29/23
BI31881-BS1	LCS	09/29/23
BI31881-BS2	LCS	09/29/23
BI31881-MS1	Matrix Spike	09/29/23
BI31881-MS2	Matrix Spike	09/29/23
BI31881-MSD2	Matrix Spike Dup	09/29/23

Batch ID: BI31888 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/29/23
23I1404-03	SB03_4-6	09/29/23
23I1404-03RE1	SB03_4-6	09/29/23
23I1404-04	SB03_12-14	09/29/23
23I1404-05	SB04_0-2	09/29/23
23I1404-06	SB04_10-12	09/29/23
23I1404-07	SODUP01_092123	09/29/23
BI31888-BLK1	Blank	09/29/23
BI31888-BS1	LCS	09/29/23
BI31888-MS1	Matrix Spike	09/29/23
BI31888-MSD1	Matrix Spike Dup	09/29/23

Batch ID: BI31892 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23I1404-02	SB03_0-2	09/29/23
BI31892-BLK1	Blank	09/29/23
BI31892-BS1	LCS	09/29/23
BI31892-MRL1	MRL Check	09/29/23
BI31892-MRL2	MRL Check	09/29/23
BI31892-MS1	Matrix Spike	09/29/23
BI31892-MSD1	Matrix Spike Dup	09/29/23

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 BI30257 - EPA 5030B											
Blank (BI30257-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.9	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

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 BI30257 - EPA 5030B											
Blank (BI30257-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.45*		*"*	*10.0*		*94.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.92*		*"*	*10.0*		*99.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BI30257-BS1) LCS								Prepared & Analyzed: 09/28/2023			
1,1,1,2-Tetrachloroethane	9.9		ug/L	10.0		98.9	82-126				
1,1,1-Trichloroethane	11		"	10.0		107	78-136				
1,1,2,2-Tetrachloroethane	9.7		"	10.0		96.8	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165				
1,1,2-Trichloroethane	8.7		"	10.0		87.0	82-123				
1,1-Dichloroethane	10		"	10.0		102	82-129				
1,1-Dichloroethylene	11		"	10.0		111	68-138				
1,2,3-Trichlorobenzene	8.0		"	10.0		79.9	40-130				
1,2,3-Trichloropropane	9.4		"	10.0		94.5	77-128				
1,2,4-Trichlorobenzene	8.6		"	10.0		85.5	65-137				
1,2,4-Trimethylbenzene	12		"	10.0		117	82-132				
1,2-Dibromo-3-chloropropane	9.1		"	10.0		91.3	45-147				
1,2-Dibromoethane	9.0		"	10.0		89.6	83-124				
1,2-Dichlorobenzene	9.9		"	10.0		98.9	79-123				
1,2-Dichloroethane	9.2		"	10.0		91.8	73-132				
1,2-Dichloropropane	11		"	10.0		105	78-126				
1,3,5-Trimethylbenzene	12		"	10.0		123	80-131				
1,3-Dichlorobenzene	10		"	10.0		103	86-130				
1,4-Dichlorobenzene	10		"	10.0		99.5	85-130				
1,4-Dioxane	180		"	210		84.8	10-349				
2-Butanone	9.8		"	10.0		97.7	49-152				
2-Hexanone	7.6		"	10.0		75.8	51-146				
4-Methyl-2-pentanone	7.6		"	10.0		76.0	57-145				
Acetone	9.8		"	10.0		98.0	14-150				
Acrolein	5.5		"	10.0		55.1	10-153				
Acrylonitrile	9.2		"	10.0		91.7	51-150				
Benzene	11		"	10.0		108	85-126				
Bromochloromethane	9.8		"	10.0		97.7	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30257 - EPA 5030B											
LCS (BI30257-BS1) LCS							Prepared & Analyzed: 09/28/2023				
Bromodichloromethane	9.4		ug/L	10.0		93.6	79-128				
Bromoform	7.1		"	10.0		70.6	78-133	Low Bias			
Bromomethane	5.7		"	10.0		56.6	43-168				
Carbon disulfide	12		"	10.0		117	68-146				
Carbon tetrachloride	11		"	10.0		108	77-141				
Chlorobenzene	10		"	10.0		101	88-120				
Chloroethane	12		"	10.0		118	65-136				
Chloroform	9.9		"	10.0		98.6	82-128				
Chloromethane	12		"	10.0		123	43-155				
cis-1,2-Dichloroethylene	11		"	10.0		107	83-129				
cis-1,3-Dichloropropylene	9.0		"	10.0		89.5	80-131				
Cyclohexane	5.3		"	10.0		52.6	63-149	Low Bias			
Dibromochloromethane	7.6		"	10.0		76.5	80-130	Low Bias			
Dibromomethane	8.7		"	10.0		86.6	72-134				
Dichlorodifluoromethane	14		"	10.0		138	44-144				
Ethyl Benzene	11		"	10.0		112	80-131				
Hexachlorobutadiene	9.1		"	10.0		91.3	67-146				
Isopropylbenzene	12		"	10.0		123	76-140				
Methyl acetate	8.4		"	10.0		84.2	51-139				
Methyl tert-butyl ether (MTBE)	9.5		"	10.0		94.7	76-135				
Methylcyclohexane	11		"	10.0		108	72-143				
Methylene chloride	9.7		"	10.0		97.2	55-137				
n-Butylbenzene	11		"	10.0		113	79-132				
n-Propylbenzene	12		"	10.0		120	78-133				
o-Xylene	11		"	10.0		108	78-130				
p- & m- Xylenes	22		"	20.0		110	77-133				
p-Isopropyltoluene	12		"	10.0		116	81-136				
sec-Butylbenzene	12		"	10.0		116	79-137				
Styrene	10		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	42		"	50.0		85.0	25-162				
tert-Butylbenzene	10		"	10.0		103	77-138				
Tetrachloroethylene	9.7		"	10.0		96.9	82-131				
Toluene	11		"	10.0		107	80-127				
trans-1,2-Dichloroethylene	11		"	10.0		108	80-132				
trans-1,3-Dichloropropylene	8.6		"	10.0		85.8	78-131				
trans-1,4-dichloro-2-butene	10		"	10.0		104	63-141				
Trichloroethylene	10		"	10.0		104	82-128				
Trichlorofluoromethane	12		"	10.0		119	67-139				
Vinyl Chloride	12		"	10.0		123	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.45*		*"*	*10.0*		*84.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*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 BI30257 - EPA 5030B											
LCS Dup (BI30257-BSD1) LCS Dup							Prepared & Analyzed: 09/28/2023				
1,1,1,2-Tetrachloroethane	9.8		ug/L	10.0		97.7	82-126		1.22	30	
1,1,1-Trichloroethane	9.9		"	10.0		98.8	78-136		8.16	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		99.8	76-129		3.05	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10		"	10.0		100	54-165		5.81	30	
1,1,2-Trichloroethane	9.3		"	10.0		92.7	82-123		6.34	30	
1,1-Dichloroethane	9.8		"	10.0		98.2	82-129		4.19	30	
1,1-Dichloroethylene	10		"	10.0		104	68-138		5.76	30	
1,2,3-Trichlorobenzene	8.0		"	10.0		80.5	40-130		0.748	30	
1,2,3-Trichloropropane	9.7		"	10.0		97.2	77-128		2.82	30	
1,2,4-Trichlorobenzene	8.4		"	10.0		84.0	65-137		1.77	30	
1,2,4-Trimethylbenzene	11		"	10.0		106	82-132		9.48	30	
1,2-Dibromo-3-chloropropane	9.0		"	10.0		90.3	45-147		1.10	30	
1,2-Dibromoethane	9.3		"	10.0		93.1	83-124		3.83	30	
1,2-Dichlorobenzene	9.4		"	10.0		93.9	79-123		5.19	30	
1,2-Dichloroethane	9.3		"	10.0		93.4	73-132		1.73	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		1.34	30	
1,3,5-Trimethylbenzene	11		"	10.0		110	80-131		10.7	30	
1,3-Dichlorobenzene	9.5		"	10.0		95.4	86-130		7.37	30	
1,4-Dichlorobenzene	9.4		"	10.0		94.5	85-130		5.15	30	
1,4-Dioxane	230		"	210		108	10-349		23.7	30	
2-Butanone	11		"	10.0		106	49-152		8.43	30	
2-Hexanone	8.6		"	10.0		86.0	51-146		12.6	30	
4-Methyl-2-pentanone	8.6		"	10.0		86.1	57-145		12.5	30	
Acetone	9.4		"	10.0		93.6	14-150		4.59	30	
Acrolein	5.4		"	10.0		54.5	10-153		1.09	30	
Acrylonitrile	10		"	10.0		99.9	51-150		8.56	30	
Benzene	11		"	10.0		105	85-126		2.44	30	
Bromochloromethane	10		"	10.0		101	77-128		3.12	30	
Bromodichloromethane	9.3		"	10.0		92.8	79-128		0.858	30	
Bromoform	7.5		"	10.0		75.0	78-133	Low Bias	6.04	30	
Bromomethane	5.1		"	10.0		51.3	43-168		9.82	30	
Carbon disulfide	11		"	10.0		110	68-146		6.16	30	
Carbon tetrachloride	10		"	10.0		100	77-141		7.66	30	
Chlorobenzene	9.9		"	10.0		99.2	88-120		2.00	30	
Chloroethane	11		"	10.0		111	65-136		6.37	30	
Chloroform	9.6		"	10.0		96.0	82-128		2.67	30	
Chloromethane	11		"	10.0		113	43-155		8.50	30	
cis-1,2-Dichloroethylene	10		"	10.0		105	83-129		2.36	30	
cis-1,3-Dichloropropylene	8.8		"	10.0		88.5	80-131		1.12	30	
Cyclohexane	4.9		"	10.0		49.3	63-149	Low Bias	6.48	30	
Dibromochloromethane	8.0		"	10.0		80.1	80-130		4.60	30	
Dibromomethane	9.0		"	10.0		89.8	72-134		3.63	30	
Dichlorodifluoromethane	13		"	10.0		128	44-144		7.74	30	
Ethyl Benzene	11		"	10.0		107	80-131		4.93	30	
Hexachlorobutadiene	8.4		"	10.0		84.3	67-146		7.97	30	
Isopropylbenzene	11		"	10.0		109	76-140		12.5	30	
Methyl acetate	9.5		"	10.0		95.1	51-139		12.2	30	
Methyl tert-butyl ether (MTBE)	10		"	10.0		104	76-135		9.46	30	
Methylcyclohexane	9.8		"	10.0		98.3	72-143		9.13	30	
Methylene chloride	9.8		"	10.0		98.5	55-137		1.33	30	
n-Butylbenzene	10		"	10.0		102	79-132		10.4	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 BI30257 - EPA 5030B											
LCS Dup (BI30257-BSD1) LCS Dup								Prepared & Analyzed: 09/28/2023			
n-Propylbenzene	11		ug/L	10.0		106	78-133		11.9	30	
o-Xylene	10		"	10.0		103	78-130		3.98	30	
p- & m- Xylenes	21		"	20.0		106	77-133		4.11	30	
p-Isopropyltoluene	10		"	10.0		104	81-136		10.3	30	
sec-Butylbenzene	10		"	10.0		103	79-137		11.5	30	
Styrene	10		"	10.0		102	67-132		1.55	30	
tert-Butyl alcohol (TBA)	50		"	50.0		99.8	25-162		16.0	30	
tert-Butylbenzene	9.2		"	10.0		91.9	77-138		11.2	30	
Tetrachloroethylene	9.0		"	10.0		90.0	82-131		7.38	30	
Toluene	10		"	10.0		101	80-127		5.86	30	
trans-1,2-Dichloroethylene	10		"	10.0		103	80-132		4.55	30	
trans-1,3-Dichloropropylene	8.8		"	10.0		88.1	78-131		2.65	30	
trans-1,4-dichloro-2-butene	11		"	10.0		105	63-141		1.34	30	
Trichloroethylene	9.7		"	10.0		97.1	82-128		7.15	30	
Trichlorofluoromethane	11		"	10.0		110	67-139		8.56	30	
Vinyl Chloride	11		"	10.0		115	58-145		7.14	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.96*		*"*	*10.0*		*89.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
Matrix Spike (BI30257-MS1) Matrix Spike *Source sample: 23I1352-02 (Matrix Spike)								Prepared & Analyzed: 09/28/2023			
1,1,1,2-Tetrachloroethane	12		ug/L	10.0	0.0	116	45-161				
1,1,1-Trichloroethane	18		"	10.0	3.9	139	70-146				
1,1,2,2-Tetrachloroethane	9.5		"	10.0	0.0	95.2	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	13		"	10.0	0.66	128	21-217				
1,1,2-Trichloroethane	11		"	10.0	0.0	107	59-146				
1,1-Dichloroethane	25		"	10.0	12	129	54-146				
1,1-Dichloroethylene	18		"	10.0	4.0	140	44-165				
1,2,3-Trichlorobenzene	6.9		"	10.0	0.0	68.9	40-161				
1,2,3-Trichloropropane	10		"	10.0	0.0	100	74-127				
1,2,4-Trichlorobenzene	7.2		"	10.0	0.0	71.6	41-161				
1,2,4-Trimethylbenzene	11		"	10.0	0.62	105	72-129				
1,2-Dibromo-3-chloropropane	8.2		"	10.0	0.0	81.8	31-151				
1,2-Dibromoethane	11		"	10.0	0.0	107	75-125				
1,2-Dichlorobenzene	9.1		"	10.0	0.43	87.1	63-122				
1,2-Dichloroethane	13		"	10.0	0.54	120	68-131				
1,2-Dichloropropane	12		"	10.0	0.0	120	77-121				
1,3,5-Trimethylbenzene	11		"	10.0	0.19	110	69-126				
1,3-Dichlorobenzene	9.2		"	10.0	0.0	92.4	74-119				
1,4-Dichlorobenzene	9.0		"	10.0	0.0	89.5	70-124				
1,4-Dioxane	130		"	210	4.9	57.3	10-310				
2-Butanone	37		"	10.0	0.0	368	10-193	High Bias			
2-Hexanone	9.0		"	10.0	0.0	89.6	53-133				
4-Methyl-2-pentanone	8.7		"	10.0	0.0	87.2	38-150				
Acetone	28		"	10.0	18	105	13-149				
Acrolein	6.2		"	10.0	0.0	61.9	10-195				
Acrylonitrile	11		"	10.0	0.0	107	37-165				
Benzene	15		"	10.0	1.5	133	38-155				
Bromochloromethane	12		"	10.0	0.0	124	75-121	High Bias			
Bromodichloromethane	11		"	10.0	0.0	112	70-129				
Bromoform	8.2		"	10.0	0.0	81.7	66-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30257 - EPA 5030B											
Matrix Spike (BI30257-MS1) Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
Bromomethane	6.4		ug/L	10.0	0.0	64.4	30-158				
Carbon disulfide	14		"	10.0	0.15	136	10-138				
Carbon tetrachloride	14		"	10.0	0.0	138	71-146				
Chlorobenzene	12		"	10.0	0.57	115	81-117				
Chloroethane	14		"	10.0	0.0	138	51-145				
Chloroform	18		"	10.0	5.6	120	80-124				
Chloromethane	14		"	10.0	0.0	135	16-163				
cis-1,2-Dichloroethylene	100		"	10.0	90	145	76-125	High Bias			
cis-1,3-Dichloropropylene	10		"	10.0	0.0	101	58-131				
Cyclohexane	6.3		"	10.0	0.28	60.6	70-130	Low Bias			
Dibromochloromethane	9.8		"	10.0	0.0	97.5	71-129				
Dibromomethane	11		"	10.0	0.0	105	76-120				
Dichlorodifluoromethane	16		"	10.0	0.0	159	30-147	High Bias			
Ethyl Benzene	13		"	10.0	0.28	123	72-128				
Hexachlorobutadiene	9.3		"	10.0	0.0	92.8	34-166				
Isopropylbenzene	11		"	10.0	0.0	109	66-139				
Methyl acetate	11		"	10.0	0.39	104	10-200				
Methyl tert-butyl ether (MTBE)	16		"	10.0	3.3	125	75-128				
Methylcyclohexane	11		"	10.0	0.14	111	70-130				
Methylene chloride	13		"	10.0	0.34	124	57-128				
n-Butylbenzene	10		"	10.0	0.0	101	61-138				
n-Propylbenzene	11		"	10.0	0.0	109	66-134				
o-Xylene	13		"	10.0	0.54	120	69-126				
p- & m- Xylenes	25		"	20.0	1.1	121	67-130				
p-Isopropyltoluene	10		"	10.0	0.0	104	64-137				
sec-Butylbenzene	10		"	10.0	0.14	103	53-155				
Styrene	12		"	10.0	0.0	117	69-125				
tert-Butyl alcohol (TBA)	44		"	50.0	0.0	89.0	10-130				
tert-Butylbenzene	9.4		"	10.0	0.15	92.6	65-139				
Tetrachloroethylene	340		"	10.0	330	116	64-139				
Toluene	13		"	10.0	1.5	119	76-123				
trans-1,2-Dichloroethylene	14		"	10.0	0.83	132	79-131	High Bias			
trans-1,3-Dichloropropylene	9.9		"	10.0	0.0	98.6	55-130				
trans-1,4-dichloro-2-butene	10		"	10.0	0.0	99.7	25-155				
Trichloroethylene	170		"	10.0	160	85.8	53-145				
Trichlorofluoromethane	15		"	10.0	0.0	154	61-142	High Bias			
Vinyl Chloride	21		"	10.0	6.6	144	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.73*		*"*	*10.0*		*97.3*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.41*		*"*	*10.0*		*94.1*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30257 - EPA 5030B											
Matrix Spike Dup (BI30257-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/28/2023		
1,1,1,2-Tetrachloroethane	12		ug/L	10.0	0.0	116	45-161		0.0860	30	
1,1,1-Trichloroethane	20		"	10.0	3.9	156	70-146	High Bias	12.0	30	
1,1,2,2-Tetrachloroethane	10		"	10.0	0.0	102	74-121		6.80	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	14		"	10.0	0.66	134	21-217		4.42	30	
1,1,2-Trichloroethane	11		"	10.0	0.0	113	59-146		4.73	30	
1,1-Dichloroethane	29		"	10.0	12	171	54-146	High Bias	27.5	30	
1,1-Dichloroethylene	21		"	10.0	4.0	166	44-165	High Bias	16.9	30	
1,2,3-Trichlorobenzene	7.7		"	10.0	0.0	77.1	40-161		11.2	30	
1,2,3-Trichloropropane	10		"	10.0	0.0	104	74-127		3.52	30	
1,2,4-Trichlorobenzene	8.0		"	10.0	0.0	79.9	41-161		11.0	30	
1,2,4-Trimethylbenzene	12		"	10.0	0.62	110	72-129		4.19	30	
1,2-Dibromo-3-chloropropane	8.8		"	10.0	0.0	88.1	31-151		7.42	30	
1,2-Dibromoethane	11		"	10.0	0.0	112	75-125		4.48	30	
1,2-Dichlorobenzene	9.7		"	10.0	0.43	92.6	63-122		6.12	30	
1,2-Dichloroethane	13		"	10.0	0.54	123	68-131		2.55	30	
1,2-Dichloropropane	12		"	10.0	0.0	121	77-121		0.580	30	
1,3,5-Trimethylbenzene	12		"	10.0	0.19	116	69-126		4.94	30	
1,3-Dichlorobenzene	9.9		"	10.0	0.0	99.2	74-119		7.10	30	
1,4-Dichlorobenzene	9.7		"	10.0	0.0	97.2	70-124		8.25	30	
1,4-Dioxane	270		"	210	4.9	126	10-310		74.6	30	Non-dir.
2-Butanone	41		"	10.0	0.0	408	10-193	High Bias	10.3	30	
2-Hexanone	9.3		"	10.0	0.0	93.4	53-133		4.15	30	
4-Methyl-2-pentanone	9.0		"	10.0	0.0	89.9	38-150		3.05	30	
Acetone	28		"	10.0	18	103	13-149		1.44	30	
Acrolein	6.1		"	10.0	0.0	60.9	10-195		1.63	30	
Acrylonitrile	11		"	10.0	0.0	111	37-165		4.13	30	
Benzene	15		"	10.0	1.5	138	38-155		3.63	30	
Bromochloromethane	12		"	10.0	0.0	124	75-121	High Bias	0.241	30	
Bromodichloromethane	11		"	10.0	0.0	111	70-129		1.26	30	
Bromoform	8.4		"	10.0	0.0	83.8	66-136		2.54	30	
Bromomethane	7.6		"	10.0	0.0	75.6	30-158		16.0	30	
Carbon disulfide	14		"	10.0	0.15	136	10-138		0.0736	30	
Carbon tetrachloride	14		"	10.0	0.0	137	71-146		1.02	30	
Chlorobenzene	12		"	10.0	0.57	117	81-117		1.64	30	
Chloroethane	14		"	10.0	0.0	142	51-145		2.93	30	
Chloroform	14		"	10.0	5.6	83.9	80-124		35.2	30	Non-dir.
Chloromethane	14		"	10.0	0.0	141	16-163		4.27	30	
cis-1,2-Dichloroethylene	130		"	10.0	90	388	76-125	High Bias	91.4	30	Non-dir.
cis-1,3-Dichloropropylene	10		"	10.0	0.0	102	58-131		0.889	30	
Cyclohexane	6.6		"	10.0	0.28	63.0	70-130	Low Bias	3.88	30	
Dibromochloromethane	10		"	10.0	0.0	101	71-129		3.23	30	
Dibromomethane	11		"	10.0	0.0	108	76-120		2.25	30	
Dichlorodifluoromethane	16		"	10.0	0.0	160	30-147	High Bias	0.627	30	
Ethyl Benzene	13		"	10.0	0.28	123	72-128		0.0812	30	
Hexachlorobutadiene	9.8		"	10.0	0.0	98.2	34-166		5.65	30	
Isopropylbenzene	12		"	10.0	0.0	116	66-139		6.66	30	
Methyl acetate	11		"	10.0	0.39	102	10-200		1.93	30	
Methyl tert-butyl ether (MTBE)	17		"	10.0	3.3	138	75-128	High Bias	9.79	30	
Methylcyclohexane	12		"	10.0	0.14	116	70-130		5.02	30	
Methylene chloride	13		"	10.0	0.34	123	57-128		0.889	30	
n-Butylbenzene	11		"	10.0	0.0	108	61-138		6.43	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 BI30257 - EPA 5030B											
Matrix Spike Dup (BI30257-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/28/2023		
n-Propylbenzene	11		ug/L	10.0	0.0	114	66-134		4.93	30	
o-Xylene	13		"	10.0	0.54	120	69-126		0.0834	30	
p- & m- Xylenes	25		"	20.0	1.1	120	67-130		1.33	30	
p-Isopropyltoluene	11		"	10.0	0.0	110	64-137		5.60	30	
sec-Butylbenzene	11		"	10.0	0.14	110	53-155		6.02	30	
Styrene	12		"	10.0	0.0	119	69-125		1.36	30	
tert-Butyl alcohol (TBA)	47		"	50.0	0.0	93.6	10-130		5.02	30	
tert-Butylbenzene	10		"	10.0	0.15	99.4	65-139		7.08	30	
Tetrachloroethylene	450		"	10.0	330	NR	64-139	High Bias	164	30	Non-dir.
Toluene	13		"	10.0	1.5	115	76-123		2.82	30	
trans-1,2-Dichloroethylene	14		"	10.0	0.83	136	79-131	High Bias	2.92	30	
trans-1,3-Dichloropropylene	9.9		"	10.0	0.0	99.2	55-130		0.607	30	
trans-1,4-dichloro-2-butene	11		"	10.0	0.0	106	25-155		6.31	30	
Trichloroethylene	230		"	10.0	160	627	53-145	High Bias	152	30	Non-dir.
Trichlorofluoromethane	15		"	10.0	0.0	150	61-142	High Bias	2.76	30	
Vinyl Chloride	25		"	10.0	6.6	184	31-165	High Bias	24.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.84*		*"*	*10.0*		*98.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.71*		*"*	*10.0*		*97.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.83*		*"*	*10.0*		*98.3*	*79-122*				
Batch BI30733 - EPA 5035A											
Blank (BI30733-BLK1) Blank									Prepared & Analyzed: 09/27/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30733 - EPA 5035A											
Blank (BI30733-BLK1) Blank									Prepared & Analyzed: 09/27/2023		
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.2*		*ug/L*	*50.0*		*96.4*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.2*		*"*	*50.0*		*94.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*44.4*		*"*	*50.0*		*88.7*	*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 BI30733 - EPA 5035A											
LCS (BI30733-BS1) LCS							Prepared & Analyzed: 09/27/2023				
1,1,1,2-Tetrachloroethane	51		ug/L	50.0		102	75-129				
1,1,1-Trichloroethane	52		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	54		"	50.0		107	58-146				
1,1,2-Trichloroethane	51		"	50.0		103	83-123				
1,1-Dichloroethane	50		"	50.0		99.9	75-130				
1,1-Dichloroethylene	53		"	50.0		106	64-137				
1,2,3-Trichlorobenzene	59		"	50.0		118	81-140				
1,2,3-Trichloropropane	51		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		115	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	54		"	50.0		108	74-142				
1,2-Dibromoethane	53		"	50.0		106	86-123				
1,2-Dichlorobenzene	52		"	50.0		105	85-122				
1,2-Dichloroethane	51		"	50.0		103	71-133				
1,2-Dichloropropane	50		"	50.0		101	81-122				
1,3,5-Trimethylbenzene	54		"	50.0		108	82-126				
1,3-Dichlorobenzene	52		"	50.0		103	84-124				
1,4-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dioxane	950		"	1050		90.1	10-228				
2-Butanone	54		"	50.0		107	58-147				
2-Hexanone	51		"	50.0		102	70-139				
4-Methyl-2-pentanone	38		"	50.0		75.9	72-132				
Acetone	29		"	50.0		58.1	36-155				
Acrolein	31		"	50.0		62.9	10-238				
Acrylonitrile	51		"	50.0		103	66-141				
Benzene	55		"	50.0		110	77-127				
Bromochloromethane	50		"	50.0		100	74-129				
Bromodichloromethane	49		"	50.0		98.6	81-124				
Bromoform	51		"	50.0		103	80-136				
Bromomethane	49		"	50.0		97.4	32-177				
Carbon disulfide	49		"	50.0		97.0	10-136				
Carbon tetrachloride	49		"	50.0		97.6	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	49		"	50.0		97.5	51-142				
Chloroform	52		"	50.0		103	76-131				
Chloromethane	56		"	50.0		113	49-132				
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132				
cis-1,3-Dichloropropylene	49		"	50.0		97.8	81-129				
Cyclohexane	53		"	50.0		106	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	49		"	50.0		97.2	83-124				
Dichlorodifluoromethane	70		"	50.0		140	28-158				
Ethyl Benzene	55		"	50.0		109	84-125				
Hexachlorobutadiene	55		"	50.0		110	83-133				
Isopropylbenzene	51		"	50.0		102	81-127				
Methyl acetate	46		"	50.0		92.7	41-143				
Methyl tert-butyl ether (MTBE)	56		"	50.0		113	74-131				
Methylcyclohexane	51		"	50.0		102	70-130				
Methylene chloride	49		"	50.0		97.9	57-141				
n-Butylbenzene	52		"	50.0		104	80-130				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30733 - EPA 5035A											
LCS (BI30733-BS1) LCS							Prepared & Analyzed: 09/27/2023				
n-Propylbenzene	50		ug/L	50.0		101	74-136				
o-Xylene	54		"	50.0		107	83-123				
p- & m- Xylenes	110		"	100		111	82-128				
p-Isopropyltoluene	54		"	50.0		109	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	54		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	280		"	250		112	70-130				
tert-Butylbenzene	44		"	50.0		87.1	80-127				
Tetrachloroethylene	47		"	50.0		94.1	80-129				
Toluene	53		"	50.0		106	85-121				
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132				
trans-1,3-Dichloropropylene	49		"	50.0		97.5	78-132				
trans-1,4-dichloro-2-butene	56		"	50.0		112	75-135				
Trichloroethylene	50		"	50.0		99.2	84-123				
Trichlorofluoromethane	53		"	50.0		106	62-140				
Vinyl Chloride	56		"	50.0		112	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.8*		*"*	*50.0*		*95.6*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.5*		*"*	*50.0*		*97.0*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.0*		*"*	*50.0*		*96.1*	*76-130*				
LCS Dup (BI30733-BSD1) LCS Dup							Prepared & Analyzed: 09/27/2023				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.8	75-129		4.01	30	
1,1,1-Trichloroethane	50		"	50.0		99.6	71-137		4.57	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		95.6	79-129		7.39	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		103	58-146		3.75	30	
1,1,2-Trichloroethane	48		"	50.0		96.0	83-123		6.73	30	
1,1-Dichloroethane	46		"	50.0		91.4	75-130		8.89	30	
1,1-Dichloroethylene	48		"	50.0		96.8	64-137		9.21	30	
1,2,3-Trichlorobenzene	40		"	50.0		79.1	81-140	Low Bias	39.1	30	Non-dir.
1,2,3-Trichloropropane	49		"	50.0		98.0	81-126		3.33	30	
1,2,4-Trichlorobenzene	46		"	50.0		92.9	80-141		21.1	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		5.75	30	
1,2-Dibromo-3-chloropropane	44		"	50.0		88.4	74-142		19.7	30	
1,2-Dibromoethane	51		"	50.0		102	86-123		3.54	30	
1,2-Dichlorobenzene	49		"	50.0		97.1	85-122		7.69	30	
1,2-Dichloroethane	46		"	50.0		92.6	71-133		10.5	30	
1,2-Dichloropropane	45		"	50.0		89.8	81-122		11.3	30	
1,3,5-Trimethylbenzene	51		"	50.0		102	82-126		6.65	30	
1,3-Dichlorobenzene	49		"	50.0		97.9	84-124		5.39	30	
1,4-Dichlorobenzene	50		"	50.0		101	84-124		4.05	30	
1,4-Dioxane	860		"	1050		82.3	10-228		9.14	30	
2-Butanone	50		"	50.0		99.6	58-147		7.41	30	
2-Hexanone	46		"	50.0		91.8	70-139		10.7	30	
4-Methyl-2-pentanone	34		"	50.0		67.7	72-132	Low Bias	11.5	30	
Acetone	28		"	50.0		55.3	36-155		5.01	30	
Acrolein	24		"	50.0		48.5	10-238		25.8	30	
Acrylonitrile	48		"	50.0		95.7	66-141		7.37	30	
Benzene	50		"	50.0		99.8	77-127		9.45	30	
Bromochloromethane	44		"	50.0		88.9	74-129		12.0	30	
Bromodichloromethane	46		"	50.0		91.3	81-124		7.67	30	
Bromoform	50		"	50.0		99.7	80-136		3.22	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 BI30733 - EPA 5035A											
LCS Dup (BI30733-BSD1) LCS Dup							Prepared & Analyzed: 09/27/2023				
Bromomethane	36		ug/L	50.0		72.5	32-177		29.2	30	
Carbon disulfide	48		"	50.0		96.7	10-136		0.310	30	
Carbon tetrachloride	47		"	50.0		94.2	66-143		3.55	30	
Chlorobenzene	49		"	50.0		98.3	86-120		7.93	30	
Chloroethane	37		"	50.0		74.6	51-142		26.6	30	
Chloroform	48		"	50.0		95.7	76-131		7.70	30	
Chloromethane	43		"	50.0		85.7	49-132		27.3	30	
cis-1,2-Dichloroethylene	47		"	50.0		94.0	74-132		9.37	30	
cis-1,3-Dichloropropylene	45		"	50.0		89.4	81-129		8.98	30	
Cyclohexane	48		"	50.0		96.9	70-130		9.46	30	
Dibromochloromethane	49		"	50.0		98.1	10-200		4.23	30	
Dibromomethane	45		"	50.0		90.5	83-124		7.18	30	
Dichlorodifluoromethane	65		"	50.0		131	28-158		6.51	30	
Ethyl Benzene	50		"	50.0		100	84-125		8.89	30	
Hexachlorobutadiene	38		"	50.0		75.1	83-133	Low Bias	37.6	30	Non-dir.
Isopropylbenzene	49		"	50.0		98.0	81-127		4.33	30	
Methyl acetate	44		"	50.0		87.3	41-143		5.98	30	
Methyl tert-butyl ether (MTBE)	53		"	50.0		106	74-131		5.78	30	
Methylcyclohexane	46		"	50.0		92.9	70-130		9.06	30	
Methylene chloride	46		"	50.0		91.6	57-141		6.65	30	
n-Butylbenzene	46		"	50.0		92.6	80-130		11.3	30	
n-Propylbenzene	46		"	50.0		92.6	74-136		8.44	30	
o-Xylene	49		"	50.0		97.6	83-123		9.49	30	
p- & m- Xylenes	100		"	100		99.6	82-128		10.9	30	
p-Isopropyltoluene	51		"	50.0		101	85-125		7.26	30	
sec-Butylbenzene	48		"	50.0		96.9	83-125		6.91	30	
Styrene	49		"	50.0		98.7	86-126		9.72	30	
tert-Butyl alcohol (TBA)	280		"	250		112	70-130		0.500	30	
tert-Butylbenzene	42		"	50.0		83.9	80-127		3.70	30	
Tetrachloroethylene	47		"	50.0		94.0	80-129		0.0638	30	
Toluene	48		"	50.0		96.4	85-121		9.52	30	
trans-1,2-Dichloroethylene	46		"	50.0		92.2	72-132		10.8	30	
trans-1,3-Dichloropropylene	44		"	50.0		88.5	78-132		9.66	30	
trans-1,4-dichloro-2-butene	52		"	50.0		104	75-135		7.30	30	
Trichloroethylene	47		"	50.0		94.6	84-123		4.75	30	
Trichlorofluoromethane	40		"	50.0		79.6	62-140		28.1	30	
Vinyl Chloride	43		"	50.0		85.3	52-130		26.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*47.1*		*"*	*50.0*		*94.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*47.3*		*"*	*50.0*		*94.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30734 - EPA 5035A											
Blank (BI30734-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
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	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30734 - EPA 5035A											
Blank (BI30734-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.1*		*ug/L*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.0*		*"*	*50.0*		*98.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				
LCS (BI30734-BS1) LCS								Prepared & Analyzed: 09/28/2023			
1,1,1,2-Tetrachloroethane	42		ug/L	50.0		83.4	75-129				
1,1,1-Trichloroethane	43		"	50.0		86.2	71-137				
1,1,2,2-Tetrachloroethane	43		"	50.0		86.6	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48		"	50.0		96.0	58-146				
1,1,2-Trichloroethane	43		"	50.0		86.6	83-123				
1,1-Dichloroethane	42		"	50.0		84.5	75-130				
1,1-Dichloroethylene	47		"	50.0		94.6	64-137				
1,2,3-Trichlorobenzene	49		"	50.0		98.0	81-140				
1,2,3-Trichloropropane	44		"	50.0		87.2	81-126				
1,2,4-Trichlorobenzene	49		"	50.0		97.4	80-141				
1,2,4-Trimethylbenzene	47		"	50.0		93.8	84-125				
1,2-Dibromo-3-chloropropane	44		"	50.0		88.7	74-142				
1,2-Dibromoethane	44		"	50.0		88.0	86-123				
1,2-Dichlorobenzene	45		"	50.0		89.6	85-122				
1,2-Dichloroethane	45		"	50.0		90.7	71-133				
1,2-Dichloropropane	41		"	50.0		82.7	81-122				
1,3,5-Trimethylbenzene	47		"	50.0		93.9	82-126				
1,3-Dichlorobenzene	44		"	50.0		88.6	84-124				
1,4-Dichlorobenzene	46		"	50.0		91.2	84-124				
1,4-Dioxane	830		"	1050		78.9	10-228				
2-Butanone	44		"	50.0		87.7	58-147				
2-Hexanone	43		"	50.0		86.9	70-139				
4-Methyl-2-pentanone	32		"	50.0		64.6	72-132	Low Bias			
Acetone	25		"	50.0		49.1	36-155				
Acrolein	31		"	50.0		62.2	10-238				
Acrylonitrile	44		"	50.0		88.5	66-141				
Benzene	46		"	50.0		91.6	77-127				
Bromochloromethane	43		"	50.0		85.7	74-129				
Bromodichloromethane	40		"	50.0		79.0	81-124	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI30734 - EPA 5035A											
LCS (BI30734-BS1) LCS							Prepared & Analyzed: 09/28/2023				
Bromoform	41		ug/L	50.0		82.2	80-136				
Bromomethane	48		"	50.0		95.3	32-177				
Carbon disulfide	41		"	50.0		82.5	10-136				
Carbon tetrachloride	39		"	50.0		78.1	66-143				
Chlorobenzene	46		"	50.0		91.0	86-120				
Chloroethane	50		"	50.0		99.8	51-142				
Chloroform	44		"	50.0		87.5	76-131				
Chloromethane	47		"	50.0		93.6	49-132				
cis-1,2-Dichloroethylene	44		"	50.0		88.3	74-132				
cis-1,3-Dichloropropylene	39		"	50.0		78.0	81-129	Low Bias			
Cyclohexane	44		"	50.0		88.8	70-130				
Dibromochloromethane	42		"	50.0		83.2	10-200				
Dibromomethane	40		"	50.0		79.8	83-124	Low Bias			
Dichlorodifluoromethane	50		"	50.0		99.0	28-158				
Ethyl Benzene	47		"	50.0		93.8	84-125				
Hexachlorobutadiene	47		"	50.0		93.8	83-133				
Isopropylbenzene	44		"	50.0		88.2	81-127				
Methyl acetate	41		"	50.0		81.6	41-143				
Methyl tert-butyl ether (MTBE)	49		"	50.0		98.7	74-131				
Methylcyclohexane	42		"	50.0		84.1	70-130				
Methylene chloride	42		"	50.0		84.5	57-141				
n-Butylbenzene	45		"	50.0		90.0	80-130				
n-Propylbenzene	43		"	50.0		86.8	74-136				
o-Xylene	46		"	50.0		92.1	83-123				
p- & m- Xylenes	97		"	100		97.0	82-128				
p-Isopropyltoluene	47		"	50.0		94.0	85-125				
sec-Butylbenzene	45		"	50.0		89.2	83-125				
Styrene	46		"	50.0		92.6	86-126				
tert-Butyl alcohol (TBA)	240		"	250		95.1	70-130				
tert-Butylbenzene	38		"	50.0		75.8	80-127	Low Bias			
Tetrachloroethylene	40		"	50.0		79.9	80-129	Low Bias			
Toluene	45		"	50.0		90.2	85-121				
trans-1,2-Dichloroethylene	44		"	50.0		87.4	72-132				
trans-1,3-Dichloropropylene	39		"	50.0		78.9	78-132				
trans-1,4-dichloro-2-butene	45		"	50.0		90.9	75-135				
Trichloroethylene	41		"	50.0		82.6	84-123	Low Bias			
Trichlorofluoromethane	50		"	50.0		99.6	62-140				
Vinyl Chloride	48		"	50.0		96.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.6*		*"*	*50.0*		*97.1*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.0*		*"*	*50.0*		*96.1*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*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 BI30734 - EPA 5035A											
LCS Dup (BI30734-BSD1) LCS Dup							Prepared & Analyzed: 09/28/2023				
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		94.0	75-129		11.9	30	
1,1,1-Trichloroethane	48		"	50.0		95.2	71-137		9.99	30	
1,1,2,2-Tetrachloroethane	48		"	50.0		96.3	79-129		10.6	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52		"	50.0		104	58-146		7.77	30	
1,1,2-Trichloroethane	48		"	50.0		96.7	83-123		11.0	30	
1,1-Dichloroethane	46		"	50.0		92.6	75-130		9.08	30	
1,1-Dichloroethylene	50		"	50.0		101	64-137		6.50	30	
1,2,3-Trichlorobenzene	55		"	50.0		109	81-140		10.9	30	
1,2,3-Trichloropropane	48		"	50.0		96.8	81-126		10.4	30	
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141		9.24	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		8.82	30	
1,2-Dibromo-3-chloropropane	50		"	50.0		100	74-142		12.4	30	
1,2-Dibromoethane	50		"	50.0		99.5	86-123		12.3	30	
1,2-Dichlorobenzene	49		"	50.0		98.1	85-122		9.06	30	
1,2-Dichloroethane	50		"	50.0		100	71-133		10.1	30	
1,2-Dichloropropane	46		"	50.0		92.2	81-122		11.0	30	
1,3,5-Trimethylbenzene	51		"	50.0		103	82-126		8.91	30	
1,3-Dichlorobenzene	49		"	50.0		97.5	84-124		9.61	30	
1,4-Dichlorobenzene	50		"	50.0		100	84-124		9.37	30	
1,4-Dioxane	930		"	1050		88.4	10-228		11.4	30	
2-Butanone	50		"	50.0		101	58-147		13.8	30	
2-Hexanone	49		"	50.0		97.1	70-139		11.0	30	
4-Methyl-2-pentanone	36		"	50.0		72.3	72-132		11.3	30	
Acetone	27		"	50.0		54.0	36-155		9.59	30	
Acrolein	30		"	50.0		60.2	10-238		3.27	30	
Acrylonitrile	49		"	50.0		98.3	66-141		10.5	30	
Benzene	50		"	50.0		101	77-127		9.44	30	
Bromochloromethane	47		"	50.0		94.8	74-129		10.1	30	
Bromodichloromethane	44		"	50.0		88.5	81-124		11.3	30	
Bromoform	46		"	50.0		92.6	80-136		11.9	30	
Bromomethane	52		"	50.0		103	32-177		8.02	30	
Carbon disulfide	45		"	50.0		90.3	10-136		9.08	30	
Carbon tetrachloride	45		"	50.0		89.3	66-143		13.4	30	
Chlorobenzene	50		"	50.0		100	86-120		9.40	30	
Chloroethane	53		"	50.0		107	51-142		6.97	30	
Chloroform	48		"	50.0		95.9	76-131		9.10	30	
Chloromethane	47		"	50.0		94.1	49-132		0.554	30	
cis-1,2-Dichloroethylene	49		"	50.0		97.3	74-132		9.66	30	
cis-1,3-Dichloropropylene	44		"	50.0		88.0	81-129		12.0	30	
Cyclohexane	49		"	50.0		97.8	70-130		9.60	30	
Dibromochloromethane	47		"	50.0		93.8	10-200		12.0	30	
Dibromomethane	45		"	50.0		89.8	83-124		11.8	30	
Dichlorodifluoromethane	53		"	50.0		107	28-158		7.60	30	
Ethyl Benzene	52		"	50.0		103	84-125		9.66	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		8.75	30	
Isopropylbenzene	48		"	50.0		96.0	81-127		8.47	30	
Methyl acetate	45		"	50.0		89.4	41-143		9.17	30	
Methyl tert-butyl ether (MTBE)	55		"	50.0		109	74-131		10.3	30	
Methylcyclohexane	46		"	50.0		92.3	70-130		9.23	30	
Methylene chloride	47		"	50.0		93.4	57-141		10.0	30	
n-Butylbenzene	49		"	50.0		98.9	80-130		9.42	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 BI30734 - EPA 5035A											
LCS Dup (BI30734-BSD1) LCS Dup								Prepared & Analyzed: 09/28/2023			
n-Propylbenzene	47		ug/L	50.0		94.5	74-136		8.47	30	
o-Xylene	51		"	50.0		101	83-123		9.47	30	
p- & m- Xylenes	110		"	100		107	82-128		9.51	30	
p-Isopropyltoluene	51		"	50.0		103	85-125		8.92	30	
sec-Butylbenzene	49		"	50.0		97.6	83-125		8.97	30	
Styrene	52		"	50.0		103	86-126		10.6	30	
tert-Butyl alcohol (TBA)	270		"	250		108	70-130		12.9	30	
tert-Butylbenzene	41		"	50.0		81.8	80-127		7.66	30	
Tetrachloroethylene	45		"	50.0		89.1	80-129		11.0	30	
Toluene	50		"	50.0		99.8	85-121		10.1	30	
trans-1,2-Dichloroethylene	48		"	50.0		95.4	72-132		8.80	30	
trans-1,3-Dichloropropylene	44		"	50.0		88.1	78-132		11.0	30	
trans-1,4-dichloro-2-butene	51		"	50.0		101	75-135		10.9	30	
Trichloroethylene	45		"	50.0		90.3	84-123		8.91	30	
Trichlorofluoromethane	53		"	50.0		106	62-140		6.64	30	
Vinyl Chloride	52		"	50.0		104	52-130		7.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*48.3*		*"*	*50.0*		*96.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*48.8*		*"*	*50.0*		*97.5*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.4*		*"*	*50.0*		*96.8*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Blank (BI31705-BLK1) Blank									Prepared: 09/27/2023 Analyzed: 09/28/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	1.25	"								
2,4,5-Trichlorophenol	ND	1.25	"								
2,4,6-Trichlorophenol	ND	1.25	"								
2,4-Dichlorophenol	ND	1.25	"								
2,4-Dimethylphenol	ND	1.25	"								
2,4-Dinitrophenol	ND	1.25	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	1.25	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	1.25	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	1.25	"								
3- & 4-Methylphenols	ND	1.25	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	1.25	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	1.25	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	1.25	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	1.25	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Blank (BI31705-BLK1) Blank									Prepared: 09/27/2023 Analyzed: 09/28/2023		
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	1.25	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*10.6*		"	*50.0*		*21.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.02*		"	*50.0*		*12.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		"	*25.0*		*48.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.9*		"	*25.0*		*43.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.7*		"	*50.0*		*63.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.2*		"	*25.0*		*56.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
LCS (BI31705-BS1) LCS								Prepared: 09/27/2023 Analyzed: 09/28/2023			
1,1-Biphenyl	10.9	5.00	ug/L	25.0		43.6	21-102				
1,2,4,5-Tetrachlorobenzene	14.5	5.00	"	25.0		57.9	28-105				
1,2,4-Trichlorobenzene	9.91	5.00	"	25.0		39.6	35-91				
1,2-Dichlorobenzene	8.93	5.00	"	25.0		35.7	42-85	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	11.7	5.00	"	25.0		46.8	16-137				
1,3-Dichlorobenzene	8.58	5.00	"	25.0		34.3	45-80	Low Bias			
1,4-Dichlorobenzene	8.62	5.00	"	25.0		34.5	42-82	Low Bias			
2,3,4,6-Tetrachlorophenol	14.1	1.25	"	25.0		56.3	30-130				
2,4,5-Trichlorophenol	12.5	1.25	"	25.0		50.0	36-112				
2,4,6-Trichlorophenol	12.3	1.25	"	25.0		49.3	41-107				
2,4-Dichlorophenol	12.1	1.25	"	25.0		48.6	43-92				
2,4-Dimethylphenol	9.10	1.25	"	25.0		36.4	25-92				
2,4-Dinitrophenol	19.3	1.25	"	25.0		77.3	10-149				
2,4-Dinitrotoluene	16.0	5.00	"	25.0		64.1	41-114				
2,6-Dinitrotoluene	16.1	5.00	"	25.0		64.5	49-106				
2-Chloronaphthalene	10.1	5.00	"	25.0		40.6	40-96				
2-Chlorophenol	9.99	1.25	"	25.0		40.0	35-84				
2-Methylnaphthalene	10.7	5.00	"	25.0		42.7	33-101				
2-Methylphenol	8.76	1.25	"	25.0		35.0	10-90				
2-Nitroaniline	14.3	5.00	"	25.0		57.1	31-122				
2-Nitrophenol	13.9	1.25	"	25.0		55.7	37-97				
3- & 4-Methylphenols	6.98	1.25	"	25.0		27.9	10-101				
3,3-Dichlorobenzidine	9.55	5.00	"	25.0		38.2	25-155				
3-Nitroaniline	11.3	5.00	"	25.0		45.2	29-128				
4,6-Dinitro-2-methylphenol	21.5	1.25	"	25.0		85.8	10-135				
4-Bromophenyl phenyl ether	12.5	5.00	"	25.0		50.2	38-116				
4-Chloro-3-methylphenol	12.8	1.25	"	25.0		51.3	28-101				
4-Chloroaniline	7.84	5.00	"	25.0		31.4	10-154				
4-Chlorophenyl phenyl ether	11.6	5.00	"	25.0		46.5	34-112				
4-Nitroaniline	12.4	5.00	"	25.0		49.8	15-143				
4-Nitrophenol	3.84	1.25	"	25.0		15.4	10-112				
Acenaphthene	11.4	0.0500	"	25.0		45.4	24-114				
Acenaphthylene	10.4	0.0500	"	25.0		41.4	26-112				
Acetophenone	12.1	5.00	"	25.0		48.3	47-92				
Aniline	3.17	5.00	"	25.0		12.7	10-107				
Anthracene	12.1	0.0500	"	25.0		48.3	35-114				
Atrazine	13.5	0.500	"	25.0		54.0	43-101				
Benzaldehyde	10.4	5.00	"	25.0		41.5	17-117				
Benzo(a)anthracene	12.3	0.0500	"	25.0		49.1	38-127				
Benzo(a)pyrene	12.3	0.0500	"	25.0		49.1	30-146				
Benzo(b)fluoranthene	13.5	0.0500	"	25.0		54.0	36-145				
Benzo(g,h,i)perylene	13.9	0.0500	"	25.0		55.4	10-163				
Benzo(k)fluoranthene	13.6	0.0500	"	25.0		54.6	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.81	5.00	"	25.0		27.2	18-75				
Benzyl butyl phthalate	11.2	5.00	"	25.0		44.8	28-129				
Bis(2-chloroethoxy)methane	12.9	5.00	"	25.0		51.4	27-112				
Bis(2-chloroethyl)ether	11.4	1.25	"	25.0		45.6	24-114				
Bis(2-chloroisopropyl)ether	11.9	5.00	"	25.0		47.6	21-124				
Bis(2-ethylhexyl)phthalate	11.5	0.500	"	25.0		46.2	10-171				
Caprolactam	ND	5.00	"	25.0			10-29	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
LCS (BI31705-BS1) LCS								Prepared: 09/27/2023 Analyzed: 09/28/2023			
Carbazole	12.2	5.00	ug/L	25.0		48.7	49-116	Low Bias			
Chrysene	12.7	0.0500	"	25.0		51.0	33-120				
Dibenzo(a,h)anthracene	13.5	0.0500	"	25.0		54.0	10-149				
Dibenzofuran	11.3	5.00	"	25.0		45.1	42-105				
Diethyl phthalate	11.8	5.00	"	25.0		47.4	38-112				
Dimethyl phthalate	12.3	5.00	"	25.0		49.1	49-106				
Di-n-butyl phthalate	11.7	5.00	"	25.0		46.7	36-110				
Di-n-octyl phthalate	11.1	5.00	"	25.0		44.5	12-149				
Fluoranthene	12.3	0.0500	"	25.0		49.4	33-126				
Fluorene	11.4	0.0500	"	25.0		45.8	28-117				
Hexachlorobenzene	11.4	0.0200	"	25.0		45.7	27-120				
Hexachlorobutadiene	9.43	0.500	"	25.0		37.7	25-106				
Hexachlorocyclopentadiene	6.38	5.00	"	25.0		25.5	10-99				
Hexachloroethane	8.22	0.500	"	25.0		32.9	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	12.8	0.0500	"	25.0		51.3	10-150				
Isophorone	13.6	5.00	"	25.0		54.5	29-115				
Naphthalene	10.4	0.0500	"	25.0		41.8	30-99				
Nitrobenzene	13.2	0.250	"	25.0		52.7	32-113				
N-Nitrosodimethylamine	4.63	0.500	"	25.0		18.5	10-63				
N-nitroso-di-n-propylamine	12.5	5.00	"	25.0		49.8	36-118				
N-Nitrosodiphenylamine	13.3	5.00	"	25.0		53.1	27-145				
Pentachlorophenol	14.4	0.250	"	25.0		57.4	19-127				
Phenanthrene	12.2	0.0500	"	25.0		49.0	31-112				
Phenol	3.72	1.25	"	25.0		14.9	10-37				
Pyrene	12.2	0.0500	"	25.0		48.7	42-125				
Pyridine	ND	5.00	"	25.5			10-46	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*11.8*		"	*50.0*		*23.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.26*		"	*50.0*		*14.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.1*		"	*25.0*		*60.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		"	*25.0*		*50.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.0*		"	*50.0*		*76.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.8*		"	*25.0*		*59.0*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

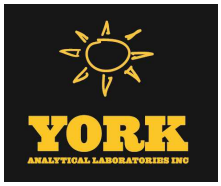
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike (BI31705-MS1) Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)							Prepared: 09/27/2023 Analyzed: 09/28/2023			
1,1-Biphenyl	9.41	5.00	ug/L	25.0	ND	37.6	40-140	Low Bias			
1,2,4,5-Tetrachlorobenzene	13.0	5.00	"	25.0	ND	51.9	40-140				
1,2,4-Trichlorobenzene	8.47	5.00	"	25.0	ND	33.9	31-92				
1,2-Dichlorobenzene	7.73	5.00	"	25.0	ND	30.9	31-91	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	11.2	5.00	"	25.0	ND	44.8	40-140				
1,3-Dichlorobenzene	7.44	5.00	"	25.0	ND	29.8	24-93				
1,4-Dichlorobenzene	7.44	5.00	"	25.0	ND	29.8	26-95				
2,3,4,6-Tetrachlorophenol	15.2	1.25	"	25.0	ND	60.9	30-130				
2,4,5-Trichlorophenol	12.8	1.25	"	25.0	ND	51.3	44-96				
2,4,6-Trichlorophenol	12.1	1.25	"	25.0	ND	48.5	39-107				
2,4-Dichlorophenol	10.5	1.25	"	25.0	ND	41.8	38-99				
2,4-Dimethylphenol	8.13	1.25	"	25.0	ND	32.5	10-116				
2,4-Dinitrophenol	24.7	1.25	"	25.0	ND	98.9	10-168				
2,4-Dinitrotoluene	15.9	5.00	"	25.0	ND	63.5	26-120				
2,6-Dinitrotoluene	15.4	5.00	"	25.0	ND	61.5	28-118				
2-Chloronaphthalene	9.12	5.00	"	25.0	ND	36.5	33-99				
2-Chlorophenol	8.12	1.25	"	25.0	ND	32.5	25-106				
2-Methylnaphthalene	9.58	5.00	"	25.0	ND	38.3	29-102				
2-Methylphenol	7.12	1.25	"	25.0	ND	28.5	10-118				
2-Nitroaniline	12.4	5.00	"	25.0	ND	49.7	48-99				
2-Nitrophenol	11.7	1.25	"	25.0	ND	47.0	36-103				
3- & 4-Methylphenols	6.08	1.25	"	25.0	ND	24.3	10-102				
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias			
3-Nitroaniline	7.19	5.00	"	25.0	ND	28.8	10-169				
4,6-Dinitro-2-methylphenol	23.9	1.25	"	25.0	ND	95.6	10-142				
4-Bromophenyl phenyl ether	12.4	5.00	"	25.0	ND	49.6	35-109				
4-Chloro-3-methylphenol	12.6	1.25	"	25.0	ND	50.6	20-117				
4-Chloroaniline	2.83	5.00	"	25.0	ND	11.3	24-116	Low Bias			
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0	ND	45.5	31-112				
4-Nitroaniline	5.34	5.00	"	25.0	ND	21.4	24-143	Low Bias			
4-Nitrophenol	5.10	1.25	"	25.0	ND	20.4	10-119				
Acenaphthene	10.6	0.0500	"	25.0	ND	42.6	17-132				
Acenaphthylene	9.46	0.0500	"	25.0	ND	37.8	13-124				
Acetophenone	9.97	5.00	"	25.0	ND	39.9	40-140	Low Bias			
Aniline	ND	5.00	"	25.0	ND		10-133	Low Bias			
Anthracene	11.7	0.0500	"	25.0	ND	47.0	40-105				
Atrazine	13.1	0.500	"	25.0	ND	52.5	40-140				
Benzaldehyde	8.91	5.00	"	25.0	ND	35.6	40-140	Low Bias			
Benzo(a)anthracene	12.8	0.0500	"	25.0	ND	51.0	23-141				
Benzo(a)pyrene	12.7	0.0500	"	25.0	ND	50.6	46-118				
Benzo(b)fluoranthene	13.5	0.0500	"	25.0	ND	54.0	22-133				
Benzo(g,h,i)perylene	13.2	0.0500	"	25.0	ND	52.6	10-126				
Benzo(k)fluoranthene	13.7	0.0500	"	25.0	ND	54.7	18-152				
Benzoic acid	ND	50.0	"	25.0	ND		10-162	Low Bias			
Benzyl alcohol	5.86	5.00	"	25.0	ND	23.4	10-114				
Benzyl butyl phthalate	12.3	5.00	"	25.0	ND	49.2	31-121				
Bis(2-chloroethoxy)methane	10.1	5.00	"	25.0	ND	40.2	23-110				
Bis(2-chloroethyl)ether	9.37	1.25	"	25.0	ND	37.5	10-132				
Bis(2-chloroisopropyl)ether	9.78	5.00	"	25.0	ND	39.1	12-132				
Bis(2-ethylhexyl)phthalate	14.3	0.500	"	25.0	1.83	49.7	14-131				
Caprolactam	ND	5.00	"	25.0	ND		40-140	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike (BI31705-MS1) Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)							Prepared: 09/27/2023 Analyzed: 09/28/2023			
Carbazole	12.8	5.00	ug/L	25.0	ND	51.0	10-169				
Chrysene	12.8	0.0500	"	25.0	ND	51.2	30-127				
Dibenzo(a,h)anthracene	13.1	0.0500	"	25.0	ND	52.4	10-131				
Dibenzofuran	10.7	5.00	"	25.0	ND	42.8	37-103				
Diethyl phthalate	11.9	5.00	"	25.0	ND	47.8	41-106				
Dimethyl phthalate	11.6	5.00	"	25.0	ND	46.6	38-105				
Di-n-butyl phthalate	12.2	5.00	"	25.0	ND	49.0	24-121				
Di-n-octyl phthalate	13.0	5.00	"	25.0	ND	52.0	25-141				
Fluoranthene	12.8	0.0500	"	25.0	ND	51.2	29-123				
Fluorene	11.0	0.0500	"	25.0	ND	44.1	20-133				
Hexachlorobenzene	10.8	0.0200	"	25.0	ND	43.2	24-120				
Hexachlorobutadiene	8.06	0.500	"	25.0	ND	32.2	26-98				
Hexachlorocyclopentadiene	5.84	5.00	"	25.0	ND	23.4	10-103				
Hexachloroethane	7.71	0.500	"	25.0	ND	30.8	11-102				
Indeno(1,2,3-cd)pyrene	12.9	0.0500	"	25.0	ND	51.6	10-130				
Isophorone	11.0	5.00	"	25.0	ND	44.0	19-113				
Naphthalene	8.70	0.0500	"	25.0	ND	34.8	26-104				
Nitrobenzene	13.1	0.250	"	25.0	ND	52.5	25-107				
N-Nitrosodimethylamine	4.15	0.500	"	25.0	ND	16.6	10-110				
N-nitroso-di-n-propylamine	10.4	5.00	"	25.0	ND	41.6	16-127				
N-Nitrosodiphenylamine	13.2	5.00	"	25.0	ND	52.7	46-116				
Pentachlorophenol	18.4	0.250	"	25.0	ND	73.4	10-181				
Phenanthrene	12.0	0.0500	"	25.0	ND	48.0	29-121				
Phenol	3.21	1.25	"	25.0	ND	12.8	10-107				
Pyrene	12.1	0.0500	"	25.0	ND	48.4	34-129				
Pyridine	ND	5.00	"	25.5	ND		10-73	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*8.96*		*"*	*50.0*		*17.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.96*		*"*	*50.0*		*11.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.7*		*"*	*25.0*		*46.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.2*		*"*	*25.0*		*40.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.8*		*"*	*50.0*		*75.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.1*		*"*	*25.0*		*56.3*	*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike Dup (BI31705-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared: 09/27/2023 Analyzed: 09/28/2023		
1,1-Biphenyl	10.4	5.00	ug/L	25.0	ND	41.8	40-140		10.5	20	
1,2,4,5-Tetrachlorobenzene	14.9	5.00	"	25.0	ND	59.4	40-140		13.5	20	
1,2,4-Trichlorobenzene	9.45	5.00	"	25.0	ND	37.8	31-92		10.9	20	
1,2-Dichlorobenzene	8.38	5.00	"	25.0	ND	33.5	31-91		8.07	20	
1,2-Diphenylhydrazine (as Azobenzene)	11.8	5.00	"	25.0	ND	47.0	40-140		4.79	20	
1,3-Dichlorobenzene	7.99	5.00	"	25.0	ND	32.0	24-93		7.13	20	
1,4-Dichlorobenzene	8.12	5.00	"	25.0	ND	32.5	26-95		8.74	20	
2,3,4,6-Tetrachlorophenol	15.6	1.25	"	25.0	ND	62.6	30-130		2.66	20	
2,4,5-Trichlorophenol	13.4	1.25	"	25.0	ND	53.6	44-96		4.35	20	
2,4,6-Trichlorophenol	13.1	1.25	"	25.0	ND	52.5	39-107		8.00	20	
2,4-Dichlorophenol	11.7	1.25	"	25.0	ND	46.8	38-99		11.2	20	
2,4-Dimethylphenol	9.01	1.25	"	25.0	ND	36.0	10-116		10.3	20	
2,4-Dinitrophenol	26.9	1.25	"	25.0	ND	108	10-168		8.44	20	
2,4-Dinitrotoluene	16.4	5.00	"	25.0	ND	65.8	26-120		3.47	20	
2,6-Dinitrotoluene	16.1	5.00	"	25.0	ND	64.5	28-118		4.76	20	
2-Chloronaphthalene	10.1	5.00	"	25.0	ND	40.2	33-99		9.80	20	
2-Chlorophenol	8.80	1.25	"	25.0	ND	35.2	25-106		8.04	20	
2-Methylnaphthalene	10.5	5.00	"	25.0	ND	42.0	29-102		9.07	20	
2-Methylphenol	7.64	1.25	"	25.0	ND	30.6	10-118		7.05	20	
2-Nitroaniline	13.4	5.00	"	25.0	ND	53.6	48-99		7.59	20	
2-Nitrophenol	12.9	1.25	"	25.0	ND	51.6	36-103		9.34	20	
3- & 4-Methylphenols	6.35	1.25	"	25.0	ND	25.4	10-102		4.34	20	
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias		20	
3-Nitroaniline	8.47	5.00	"	25.0	ND	33.9	10-169		16.3	20	
4,6-Dinitro-2-methylphenol	25.5	1.25	"	25.0	ND	102	10-142		6.51	20	
4-Bromophenyl phenyl ether	12.8	5.00	"	25.0	ND	51.0	35-109		2.94	20	
4-Chloro-3-methylphenol	13.0	1.25	"	25.0	ND	52.2	20-117		3.11	20	
4-Chloroaniline	4.31	5.00	"	25.0	ND	17.2	24-116	Low Bias	41.5	20	Non-dir.
4-Chlorophenyl phenyl ether	12.0	5.00	"	25.0	ND	47.8	31-112		4.97	20	
4-Nitroaniline	5.96	5.00	"	25.0	ND	23.8	24-143	Low Bias	11.0	20	
4-Nitrophenol	5.42	1.25	"	25.0	ND	21.7	10-119		6.08	20	
Acenaphthene	11.3	0.0500	"	25.0	ND	45.2	17-132		5.93	20	
Acenaphthylene	10.2	0.0500	"	25.0	ND	40.6	13-124		7.14	20	
Acetophenone	10.3	5.00	"	25.0	ND	41.2	40-140		3.16	20	
Aniline	2.60	5.00	"	25.0	ND	10.4	10-133			20	
Anthracene	12.1	0.0500	"	25.0	ND	48.4	40-105		3.02	20	
Atrazine	14.2	0.500	"	25.0	ND	56.9	40-140		8.05	20	
Benzaldehyde	9.47	5.00	"	25.0	ND	37.9	40-140	Low Bias	6.09	20	
Benzo(a)anthracene	12.9	0.0500	"	25.0	ND	51.4	23-141		0.859	20	
Benzo(a)pyrene	12.6	0.0500	"	25.0	ND	50.2	46-118		0.793	20	
Benzo(b)fluoranthene	13.4	0.0500	"	25.0	ND	53.7	22-133		0.668	20	
Benzo(g,h,i)perylene	13.3	0.0500	"	25.0	ND	53.1	10-126		0.908	20	
Benzo(k)fluoranthene	13.6	0.0500	"	25.0	ND	54.3	18-152		0.734	20	
Benzoic acid	ND	50.0	"	25.0	ND		10-162	Low Bias		20	
Benzyl alcohol	6.87	5.00	"	25.0	ND	27.5	10-114		15.9	20	
Benzyl butyl phthalate	12.5	5.00	"	25.0	ND	50.0	31-121		1.53	20	
Bis(2-chloroethoxy)methane	11.5	5.00	"	25.0	ND	45.9	23-110		13.1	20	
Bis(2-chloroethyl)ether	10.1	1.25	"	25.0	ND	40.6	10-132		7.89	20	
Bis(2-chloroisopropyl)ether	10.4	5.00	"	25.0	ND	41.7	12-132		6.34	20	
Bis(2-ethylhexyl)phthalate	15.1	0.500	"	25.0	1.83	53.0	14-131		5.66	20	
Caprolactam	ND	5.00	"	25.0	ND		40-140	Low Bias		20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike Dup (BI31705-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared: 09/27/2023 Analyzed: 09/28/2023		
Carbazole	12.8	5.00	ug/L	25.0	ND	51.4	10-169		0.703	20	
Chrysene	12.7	0.0500	"	25.0	ND	50.9	30-127		0.470	20	
Dibenzo(a,h)anthracene	13.3	0.0500	"	25.0	ND	53.2	10-131		1.59	20	
Dibenzofuran	11.2	5.00	"	25.0	ND	45.0	37-103		5.02	20	
Diethyl phthalate	12.4	5.00	"	25.0	ND	49.6	41-106		3.78	20	
Dimethyl phthalate	12.5	5.00	"	25.0	ND	50.1	38-105		7.28	20	
Di-n-butyl phthalate	12.6	5.00	"	25.0	ND	50.6	24-121		3.21	20	
Di-n-octyl phthalate	13.3	5.00	"	25.0	ND	53.4	25-141		2.58	20	
Fluoranthene	12.9	0.0500	"	25.0	ND	51.7	29-123		1.01	20	
Fluorene	11.5	0.0500	"	25.0	ND	46.0	20-133		4.35	20	
Hexachlorobenzene	11.3	0.0200	"	25.0	ND	45.2	24-120		4.44	20	
Hexachlorobutadiene	9.54	0.500	"	25.0	ND	38.2	26-98		16.8	20	
Hexachlorocyclopentadiene	6.83	5.00	"	25.0	ND	27.3	10-103		15.6	20	
Hexachloroethane	8.20	0.500	"	25.0	ND	32.8	11-102		6.16	20	
Indeno(1,2,3-cd)pyrene	13.0	0.0500	"	25.0	ND	51.9	10-130		0.541	20	
Isophorone	12.3	5.00	"	25.0	ND	49.2	19-113		11.1	20	
Naphthalene	9.40	0.0500	"	25.0	ND	37.6	26-104		7.73	20	
Nitrobenzene	15.0	0.250	"	25.0	ND	60.2	25-107		13.6	20	
N-Nitrosodimethylamine	4.73	0.500	"	25.0	ND	18.9	10-110		13.1	20	
N-nitroso-di-n-propylamine	10.8	5.00	"	25.0	ND	43.3	16-127		4.05	20	
N-Nitrosodiphenylamine	13.5	5.00	"	25.0	ND	54.0	46-116		2.47	20	
Pentachlorophenol	18.8	0.250	"	25.0	ND	75.0	10-181		2.10	20	
Phenanthrene	12.2	0.0500	"	25.0	ND	48.9	29-121		1.73	20	
Phenol	3.32	1.25	"	25.0	ND	13.3	10-107		3.37	20	
Pyrene	12.3	0.0500	"	25.0	ND	49.1	34-129		1.39	20	
Pyridine	ND	5.00	"	25.5	ND		10-73	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*9.59*		"	*50.0*		*19.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.87*		"	*50.0*		*11.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.5*		"	*25.0*		*50.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		"	*25.0*		*43.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.2*		"	*50.0*		*74.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		"	*25.0*		*55.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31888 - EPA 3550C											
Blank (BI31888-BLK1) Blank									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31888 - EPA 3550C											
Blank (BI31888-BLK1) Blank									Prepared: 09/29/2023 Analyzed: 09/30/2023		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	*1.14*		"	*1.66*		*68.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.09*		"	*1.66*		*65.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.514*		"	*0.831*		*61.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.559*		"	*0.831*		*67.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.67*		"	*1.66*		*101*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.619*		"	*0.831*		*74.5*	*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 BI31888 - EPA 3550C											
LCS (BI31888-BS1) LCS									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,1-Biphenyl	0.446	0.0416	mg/kg wet	0.831		53.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.461	0.0830	"	0.831		55.6	21-131				
1,2,4-Trichlorobenzene	0.474	0.0416	"	0.831		57.1	10-140				
1,2-Dichlorobenzene	0.427	0.0416	"	0.831		51.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.463	0.0416	"	0.831		55.7	17-137				
1,3-Dichlorobenzene	0.425	0.0416	"	0.831		51.2	33-110				
1,4-Dichlorobenzene	0.420	0.0416	"	0.831		50.6	32-104				
2,3,4,6-Tetrachlorophenol	0.502	0.0830	"	0.831		60.5	30-130				
2,4,5-Trichlorophenol	0.489	0.0416	"	0.831		58.9	27-118				
2,4,6-Trichlorophenol	0.466	0.0416	"	0.831		56.1	31-120				
2,4-Dichlorophenol	0.503	0.0416	"	0.831		60.6	20-127				
2,4-Dimethylphenol	0.449	0.0416	"	0.831		54.0	14-132				
2,4-Dinitrophenol	0.595	0.0830	"	0.831		71.6	10-171				
2,4-Dinitrotoluene	0.579	0.0416	"	0.831		69.8	34-131				
2,6-Dinitrotoluene	0.567	0.0416	"	0.831		68.3	31-128				
2-Chloronaphthalene	0.434	0.0416	"	0.831		52.3	31-117				
2-Chlorophenol	0.445	0.0416	"	0.831		53.6	33-113				
2-Methylnaphthalene	0.482	0.0416	"	0.831		58.0	12-138				
2-Methylphenol	0.441	0.0416	"	0.831		53.1	10-136				
2-Nitroaniline	0.550	0.0830	"	0.831		66.2	27-132				
2-Nitrophenol	0.552	0.0416	"	0.831		66.5	17-129				
3- & 4-Methylphenols	0.386	0.0416	"	0.831		46.4	29-103				
3,3-Dichlorobenzidine	0.335	0.0416	"	0.831		40.3	22-149				
3-Nitroaniline	0.454	0.0830	"	0.831		54.7	20-133				
4,6-Dinitro-2-methylphenol	0.889	0.0830	"	0.831		107	10-143				
4-Bromophenyl phenyl ether	0.535	0.0416	"	0.831		64.4	29-120				
4-Chloro-3-methylphenol	0.507	0.0416	"	0.831		61.1	24-129				
4-Chloroaniline	0.348	0.0416	"	0.831		41.9	10-132				
4-Chlorophenyl phenyl ether	0.462	0.0416	"	0.831		55.6	27-124				
4-Nitroaniline	0.512	0.0830	"	0.831		61.6	16-128				
4-Nitrophenol	0.372	0.0830	"	0.831		44.8	10-141				
Acenaphthene	0.435	0.0416	"	0.831		52.4	30-121				
Acenaphthylene	0.444	0.0416	"	0.831		53.4	30-115				
Acetophenone	0.389	0.0416	"	0.831		46.8	20-112				
Aniline	0.396	0.166	"	0.831		47.7	10-119				
Anthracene	0.489	0.0416	"	0.831		58.9	34-118				
Atrazine	0.558	0.0416	"	0.831		67.2	26-112				
Benzaldehyde	0.380	0.0416	"	0.831		45.8	21-100				
Benzo(a)anthracene	0.509	0.0416	"	0.831		61.3	32-122				
Benzo(a)pyrene	0.489	0.0416	"	0.831		58.9	29-133				
Benzo(b)fluoranthene	0.479	0.0416	"	0.831		57.7	25-133				
Benzo(g,h,i)perylene	0.480	0.0416	"	0.831		57.8	10-143				
Benzo(k)fluoranthene	0.506	0.0416	"	0.831		60.9	25-128				
Benzoic acid	0.408	0.0416	"	0.831		49.2	10-140				
Benzyl alcohol	0.421	0.0416	"	0.831		50.6	30-115				
Benzyl butyl phthalate	0.522	0.0416	"	0.831		62.8	26-126				
Bis(2-chloroethoxy)methane	0.429	0.0416	"	0.831		51.6	19-132				
Bis(2-chloroethyl)ether	0.395	0.0416	"	0.831		47.6	19-125				
Bis(2-chloroisopropyl)ether	0.298	0.0416	"	0.831		35.9	20-135				
Bis(2-ethylhexyl)phthalate	0.556	0.0416	"	0.831		67.0	10-155				
Caprolactam	0.594	0.0830	"	0.831		71.5	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 BI31888 - EPA 3550C											
LCS (BI31888-BS1) LCS									Prepared: 09/29/2023 Analyzed: 09/30/2023		
Carbazole	0.491	0.0416	mg/kg wet	0.831		59.1	35-123				
Chrysene	0.484	0.0416	"	0.831		58.3	32-123				
Dibenzo(a,h)anthracene	0.442	0.0416	"	0.831		53.2	10-136				
Dibenzofuran	0.458	0.0416	"	0.831		55.2	29-121				
Diethyl phthalate	0.460	0.0416	"	0.831		55.4	34-116				
Dimethyl phthalate	0.463	0.0416	"	0.831		55.8	35-124				
Di-n-butyl phthalate	0.504	0.0416	"	0.831		60.6	31-116				
Di-n-octyl phthalate	0.588	0.0416	"	0.831		70.8	26-136				
Diphenylamine	0.659	0.0830	"	0.831		79.3	40-140				
Fluoranthene	0.504	0.0416	"	0.831		60.6	33-122				
Fluorene	0.463	0.0416	"	0.831		55.8	29-123				
Hexachlorobenzene	0.438	0.0416	"	0.831		52.7	21-124				
Hexachlorobutadiene	0.474	0.0416	"	0.831		57.0	10-149				
Hexachlorocyclopentadiene	0.250	0.0416	"	0.831		30.1	10-129				
Hexachloroethane	0.392	0.0416	"	0.831		47.2	28-108				
Indeno(1,2,3-cd)pyrene	0.460	0.0416	"	0.831		55.4	10-135				
Isophorone	0.431	0.0416	"	0.831		51.9	20-132				
Naphthalene	0.455	0.0416	"	0.831		54.8	23-124				
Nitrobenzene	0.394	0.0416	"	0.831		47.5	13-132				
N-Nitrosodimethylamine	0.352	0.0416	"	0.831		42.4	11-129				
N-nitroso-di-n-propylamine	0.354	0.0416	"	0.831		42.6	24-119				
N-Nitrosodiphenylamine	0.650	0.0416	"	0.831		78.3	22-152				
Pentachlorophenol	0.571	0.0416	"	0.831		68.8	10-139				
Phenanthrene	0.474	0.0416	"	0.831		57.1	33-123				
Phenol	0.398	0.0416	"	0.831		47.9	23-115				
Pyrene	0.499	0.0416	"	0.831		60.0	32-130				
Surrogate: SURR: 2-Fluorophenol	*0.832*		"	*1.66*		*50.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.781*		"	*1.66*		*47.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.406*		"	*0.831*		*48.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.435*		"	*0.831*		*52.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.43*		"	*1.66*		*86.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.515*		"	*0.831*		*62.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

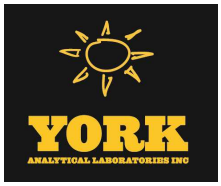
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31888 - EPA 3550C											
Matrix Spike (BI31888-MS1) Matrix Spike	*Source sample: 23I1546-02 (Matrix Spike)							Prepared & Analyzed: 09/29/2023			
1,1-Biphenyl	0.420	0.0897	mg/kg dry	0.897	ND	46.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.440	0.179	"	0.897	ND	49.1	10-133				
1,2,4-Trichlorobenzene	0.428	0.0897	"	0.897	ND	47.8	10-127				
1,2-Dichlorobenzene	0.377	0.0897	"	0.897	ND	42.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.387	0.0897	"	0.897	ND	43.1	10-144				
1,3-Dichlorobenzene	0.375	0.0897	"	0.897	ND	41.8	11-111				
1,4-Dichlorobenzene	0.379	0.0897	"	0.897	ND	42.3	10-106				
2,3,4,6-Tetrachlorophenol	0.626	0.179	"	0.897	ND	69.8	30-130				
2,4,5-Trichlorophenol	0.471	0.0897	"	0.897	ND	52.5	10-127				
2,4,6-Trichlorophenol	0.433	0.0897	"	0.897	ND	48.3	10-132				
2,4-Dichlorophenol	0.447	0.0897	"	0.897	ND	49.8	10-128				
2,4-Dimethylphenol	0.403	0.0897	"	0.897	ND	45.0	10-137				
2,4-Dinitrophenol	0.358	0.179	"	0.897	ND	39.9	10-171				
2,4-Dinitrotoluene	0.487	0.0897	"	0.897	ND	54.3	16-135				
2,6-Dinitrotoluene	0.499	0.0897	"	0.897	ND	55.7	18-131				
2-Chloronaphthalene	0.415	0.0897	"	0.897	ND	46.3	10-129				
2-Chlorophenol	0.407	0.0897	"	0.897	ND	45.4	15-116				
2-Methylnaphthalene	0.421	0.0897	"	0.897	ND	47.0	10-147				
2-Methylphenol	0.403	0.0897	"	0.897	ND	45.0	10-136				
2-Nitroaniline	0.463	0.179	"	0.897	ND	51.7	10-137				
2-Nitrophenol	0.496	0.0897	"	0.897	ND	55.4	10-129				
3- & 4-Methylphenols	0.367	0.0897	"	0.897	ND	40.9	10-123				
3,3-Dichlorobenzidine	0.245	0.0897	"	0.897	ND	27.3	10-155				
3-Nitroaniline	0.408	0.179	"	0.897	ND	45.5	12-133				
4,6-Dinitro-2-methylphenol	0.465	0.179	"	0.897	ND	51.8	10-155				
4-Bromophenyl phenyl ether	0.379	0.0897	"	0.897	ND	42.3	14-128				
4-Chloro-3-methylphenol	0.473	0.0897	"	0.897	ND	52.7	10-134				
4-Chloroaniline	0.302	0.0897	"	0.897	ND	33.7	10-145				
4-Chlorophenyl phenyl ether	0.435	0.0897	"	0.897	ND	48.5	14-130				
4-Nitroaniline	0.357	0.179	"	0.897	ND	39.8	10-147				
4-Nitrophenol	0.563	0.179	"	0.897	ND	62.8	10-137				
Acenaphthene	0.483	0.0897	"	0.897	0.190	32.7	10-146				
Acenaphthylene	0.447	0.0897	"	0.897	ND	49.8	10-134				
Acetophenone	0.392	0.0897	"	0.897	ND	43.8	10-116				
Aniline	0.321	0.359	"	0.897	ND	35.8	10-123				
Anthracene	0.621	0.0897	"	0.897	0.408	23.8	10-142				
Atrazine	0.374	0.0897	"	0.897	ND	41.8	19-115				
Benzaldehyde	0.392	0.0897	"	0.897	ND	43.8	10-125				
Benzo(a)anthracene	1.28	0.0897	"	0.897	1.54	NR	10-158	Low Bias			
Benzo(a)pyrene	1.27	0.0897	"	0.897	1.44	NR	10-180	Low Bias			
Benzo(b)fluoranthene	1.21	0.0897	"	0.897	1.29	NR	10-200	Low Bias			
Benzo(g,h,i)perylene	0.994	0.0897	"	0.897	0.867	14.2	10-138				
Benzo(k)fluoranthene	1.16	0.0897	"	0.897	1.33	NR	10-197	Low Bias			
Benzoic acid	0.149	0.0897	"	0.897	ND	16.6	10-166				
Benzyl alcohol	0.388	0.0897	"	0.897	ND	43.3	12-124				
Benzyl butyl phthalate	0.531	0.0897	"	0.897	ND	59.2	10-154				
Bis(2-chloroethoxy)methane	0.397	0.0897	"	0.897	ND	44.2	10-132				
Bis(2-chloroethyl)ether	0.375	0.0897	"	0.897	ND	41.8	10-119				
Bis(2-chloroisopropyl)ether	0.334	0.0897	"	0.897	ND	37.3	10-139				
Bis(2-ethylhexyl)phthalate	0.593	0.0897	"	0.897	0.0583	59.7	10-167				
Caprolactam	0.415	0.179	"	0.897	ND	46.3	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 BI31888 - EPA 3550C											
Matrix Spike (BI31888-MS1) Matrix Spike	*Source sample: 23I1546-02 (Matrix Spike)							Prepared & Analyzed: 09/29/2023			
Carbazole	0.569	0.0897	mg/kg dry	0.897	0.212	39.8	10-167				
Chrysene	1.23	0.0897	"	0.897	1.50	NR	10-156	Low Bias			
Dibenzo(a,h)anthracene	0.744	0.0897	"	0.897	0.246	55.5	10-137				
Dibenzofuran	0.445	0.0897	"	0.897	0.0871	39.9	10-147				
Diethyl phthalate	0.451	0.0897	"	0.897	ND	50.3	20-120				
Dimethyl phthalate	0.429	0.0897	"	0.897	ND	47.8	18-131				
Di-n-butyl phthalate	0.524	0.0897	"	0.897	ND	58.4	10-137				
Di-n-octyl phthalate	0.531	0.0897	"	0.897	ND	59.2	10-180				
Diphenylamine	0.415	0.179	"	0.897	ND	46.2	40-140				
Fluoranthene	1.93	0.0897	"	0.897	2.85	NR	10-160	Low Bias			
Fluorene	0.472	0.0897	"	0.897	0.155	35.4	10-157				
Hexachlorobenzene	0.428	0.0897	"	0.897	ND	47.8	10-137				
Hexachlorobutadiene	0.440	0.0897	"	0.897	ND	49.0	10-132				
Hexachlorocyclopentadiene	0.210	0.0897	"	0.897	ND	23.4	10-106				
Hexachloroethane	0.409	0.0897	"	0.897	ND	45.6	10-110				
Indeno(1,2,3-cd)pyrene	1.21	0.0897	"	0.897	1.07	16.1	10-144				
Isophorone	0.442	0.0897	"	0.897	ND	49.3	10-132				
Naphthalene	0.423	0.0897	"	0.897	0.0842	37.8	10-141				
Nitrobenzene	0.466	0.0897	"	0.897	ND	51.9	10-131				
N-Nitrosodimethylamine	0.438	0.0897	"	0.897	ND	48.9	10-126				
N-nitroso-di-n-propylamine	0.390	0.0897	"	0.897	ND	43.5	10-125				
N-Nitrosodiphenylamine	0.434	0.0897	"	0.897	ND	48.4	10-177				
Pentachlorophenol	0.405	0.0897	"	0.897	ND	45.2	10-153				
Phenanthrene	1.04	0.0897	"	0.897	1.33	NR	10-148	Low Bias			
Phenol	0.406	0.0897	"	0.897	ND	45.3	10-126				
Pyrene	1.80	0.0897	"	0.897	2.69	NR	10-165	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.901*		"	*1.79*		*50.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.832*		"	*1.79*		*46.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.491*		"	*0.897*		*54.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.440*		"	*0.897*		*49.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.00*		"	*1.79*		*56.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.486*		"	*0.897*		*54.2*	*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 BI31888 - EPA 3550C											
Matrix Spike Dup (BI31888-M Matrix Spike Dup	*Source sample: 23I1546-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/29/2023			
1,1-Biphenyl	0.403	0.0897	mg/kg dry	0.897	ND	45.0	10-130		4.18	30	
1,2,4,5-Tetrachlorobenzene	0.401	0.179	"	0.897	ND	44.7	10-133		9.38	30	
1,2,4-Trichlorobenzene	0.381	0.0897	"	0.897	ND	42.5	10-127		11.7	30	
1,2-Dichlorobenzene	0.341	0.0897	"	0.897	ND	38.1	14-111		9.79	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.367	0.0897	"	0.897	ND	41.0	10-144		5.14	30	
1,3-Dichlorobenzene	0.351	0.0897	"	0.897	ND	39.1	11-111		6.72	30	
1,4-Dichlorobenzene	0.346	0.0897	"	0.897	ND	38.6	10-106		9.30	30	
2,3,4,6-Tetrachlorophenol	0.538	0.179	"	0.897	ND	60.0	30-130		15.2	30	
2,4,5-Trichlorophenol	0.430	0.0897	"	0.897	ND	47.9	10-127		9.08	30	
2,4,6-Trichlorophenol	0.395	0.0897	"	0.897	ND	44.1	10-132		9.18	30	
2,4-Dichlorophenol	0.403	0.0897	"	0.897	ND	45.0	10-128		10.3	30	
2,4-Dimethylphenol	0.341	0.0897	"	0.897	ND	38.0	10-137		16.8	30	
2,4-Dinitrophenol	0.245	0.179	"	0.897	ND	27.4	10-171		37.3	30	Non-dir.
2,4-Dinitrotoluene	0.457	0.0897	"	0.897	ND	51.0	16-135		6.38	30	
2,6-Dinitrotoluene	0.421	0.0897	"	0.897	ND	47.0	18-131		17.0	30	
2-Chloronaphthalene	0.397	0.0897	"	0.897	ND	44.2	10-129		4.59	30	
2-Chlorophenol	0.355	0.0897	"	0.897	ND	39.6	15-116		13.6	30	
2-Methylnaphthalene	0.371	0.0897	"	0.897	ND	41.4	10-147		12.7	30	
2-Methylphenol	0.359	0.0897	"	0.897	ND	40.0	10-136		11.7	30	
2-Nitroaniline	0.432	0.179	"	0.897	ND	48.2	10-137		7.05	30	
2-Nitrophenol	0.466	0.0897	"	0.897	ND	51.9	10-129		6.41	30	
3- & 4-Methylphenols	0.311	0.0897	"	0.897	ND	34.7	10-123		16.3	30	
3,3-Dichlorobenzidine	0.129	0.0897	"	0.897	ND	14.4	10-155		61.8	30	Non-dir.
3-Nitroaniline	0.344	0.179	"	0.897	ND	38.4	12-133		17.0	30	
4,6-Dinitro-2-methylphenol	0.300	0.179	"	0.897	ND	33.4	10-155		43.2	30	Non-dir.
4-Bromophenyl phenyl ether	0.364	0.0897	"	0.897	ND	40.6	14-128		4.25	30	
4-Chloro-3-methylphenol	0.434	0.0897	"	0.897	ND	48.4	10-134		8.54	30	
4-Chloroaniline	0.266	0.0897	"	0.897	ND	29.7	10-145		12.6	30	
4-Chlorophenyl phenyl ether	0.407	0.0897	"	0.897	ND	45.4	14-130		6.65	30	
4-Nitroaniline	0.342	0.179	"	0.897	ND	38.2	10-147		4.11	30	
4-Nitrophenol	0.495	0.179	"	0.897	ND	55.2	10-137		12.9	30	
Acenaphthene	0.420	0.0897	"	0.897	0.190	25.7	10-146		14.0	30	
Acenaphthylene	0.382	0.0897	"	0.897	ND	42.6	10-134		15.6	30	
Acetophenone	0.347	0.0897	"	0.897	ND	38.7	10-116		12.2	30	
Aniline	0.304	0.359	"	0.897	ND	33.9	10-123		5.50	30	
Anthracene	0.529	0.0897	"	0.897	0.408	13.4	10-142		16.1	30	
Atrazine	0.317	0.0897	"	0.897	ND	35.4	19-115		16.6	30	
Benzaldehyde	0.338	0.0897	"	0.897	ND	37.7	10-125		14.9	30	
Benzo(a)anthracene	1.07	0.0897	"	0.897	1.54	NR	10-158	Low Bias	17.9	30	
Benzo(a)pyrene	1.10	0.0897	"	0.897	1.44	NR	10-180	Low Bias	14.3	30	
Benzo(b)fluoranthene	1.05	0.0897	"	0.897	1.29	NR	10-200	Low Bias	14.6	30	
Benzo(g,h,i)perylene	0.866	0.0897	"	0.897	0.867	NR	10-138	Low Bias	13.8	30	
Benzo(k)fluoranthene	1.02	0.0897	"	0.897	1.33	NR	10-197	Low Bias	13.5	30	
Benzoic acid	0.148	0.0897	"	0.897	ND	16.5	10-166		0.966	30	
Benzyl alcohol	0.344	0.0897	"	0.897	ND	38.3	12-124		12.2	30	
Benzyl butyl phthalate	0.479	0.0897	"	0.897	ND	53.4	10-154		10.2	30	
Bis(2-chloroethoxy)methane	0.368	0.0897	"	0.897	ND	41.0	10-132		7.50	30	
Bis(2-chloroethyl)ether	0.349	0.0897	"	0.897	ND	39.0	10-119		7.13	30	
Bis(2-chloroisopropyl)ether	0.293	0.0897	"	0.897	ND	32.6	10-139		13.3	30	
Bis(2-ethylhexyl)phthalate	0.519	0.0897	"	0.897	0.0583	51.3	10-167		13.4	30	
Caprolactam	0.359	0.179	"	0.897	ND	40.0	10-132		14.6	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31888 - EPA 3550C											
Matrix Spike Dup (BI31888-M Matrix Spike Dup	*Source sample: 23I1546-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/29/2023		
Carbazole	0.498	0.0897	mg/kg dry	0.897	0.212	31.8	10-167		13.3	30	
Chrysene	1.04	0.0897	"	0.897	1.50	NR	10-156	Low Bias	17.2	30	
Dibenzo(a,h)anthracene	0.654	0.0897	"	0.897	0.246	45.5	10-137		12.8	30	
Dibenzofuran	0.392	0.0897	"	0.897	0.0871	34.0	10-147		12.5	30	
Diethyl phthalate	0.380	0.0897	"	0.897	ND	42.4	20-120		17.1	30	
Dimethyl phthalate	0.385	0.0897	"	0.897	ND	43.0	18-131		10.7	30	
Di-n-butyl phthalate	0.503	0.0897	"	0.897	ND	56.1	10-137		4.05	30	
Di-n-octyl phthalate	0.481	0.0897	"	0.897	ND	53.6	10-180		9.93	30	
Diphenylamine	0.381	0.179	"	0.897	ND	42.5	40-140		8.48	30	
Fluoranthene	1.55	0.0897	"	0.897	2.85	NR	10-160	Low Bias	21.9	30	
Fluorene	0.400	0.0897	"	0.897	0.155	27.4	10-157		16.4	30	
Hexachlorobenzene	0.417	0.0897	"	0.897	ND	46.5	10-137		2.72	30	
Hexachlorobutadiene	0.390	0.0897	"	0.897	ND	43.4	10-132		12.1	30	
Hexachlorocyclopentadiene	0.156	0.0897	"	0.897	ND	17.4	10-106		29.8	30	
Hexachloroethane	0.358	0.0897	"	0.897	ND	39.9	10-110		13.3	30	
Indeno(1,2,3-cd)pyrene	0.906	0.0897	"	0.897	1.07	NR	10-144	Low Bias	28.8	30	
Isophorone	0.429	0.0897	"	0.897	ND	47.8	10-132		2.97	30	
Naphthalene	0.372	0.0897	"	0.897	0.0842	32.0	10-141		13.0	30	
Nitrobenzene	0.417	0.0897	"	0.897	ND	46.5	10-131		11.1	30	
N-Nitrosodimethylamine	0.385	0.0897	"	0.897	ND	43.0	10-126		12.9	30	
N-nitroso-di-n-propylamine	0.337	0.0897	"	0.897	ND	37.6	10-125		14.6	30	
N-Nitrosodiphenylamine	0.401	0.0897	"	0.897	ND	44.7	10-177		7.90	30	
Pentachlorophenol	0.413	0.0897	"	0.897	ND	46.1	10-153		1.93	30	
Phenanthrene	0.724	0.0897	"	0.897	1.33	NR	10-148	Low Bias	35.9	30	Non-dir.
Phenol	0.372	0.0897	"	0.897	ND	41.5	10-126		8.66	30	
Pyrene	1.49	0.0897	"	0.897	2.69	NR	10-165	Low Bias	19.0	30	
Surrogate: SURR: 2-Fluorophenol	*0.770*		*"*	*1.79*		*42.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.728*		*"*	*1.79*		*40.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.417*		*"*	*0.897*		*46.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.379*		*"*	*0.897*		*42.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.909*		*"*	*1.79*		*50.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.415*		*"*	*0.897*		*46.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

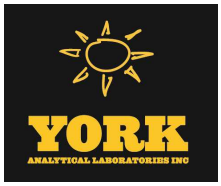
York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31400 - EPA 3535A												
Blank (BI31400-BLK1)	Blank									Prepared: 09/22/2023 Analyzed: 09/25/2023		
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*4.10*		*"*	*4.00*		*102*	*36.6-118*				
LCS (BI31400-BS1)	LCS									Prepared: 09/22/2023 Analyzed: 09/25/2023		
1,4-Dioxane		4.37	0.300	ug/L	4.00		109	50-130				
Surrogate: 1,4-Dioxane-d8		*3.78*		*"*	*4.00*		*94.6*	*36.6-118*				
Matrix Spike (BI31400-MS1)	Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)								Prepared: 09/22/2023 Analyzed: 09/25/2023		
1,4-Dioxane		20.7	0.300	ug/L	4.00	17.6	78.4	50-130				
Surrogate: 1,4-Dioxane-d8		*4.13*		*"*	*4.00*		*103*	*50-130*				
Matrix Spike Dup (BI31400-M	Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared: 09/22/2023 Analyzed: 09/25/2023		
1,4-Dioxane		21.4	0.300	ug/L	4.00	17.6	95.2	50-130		3.20	30	
Surrogate: 1,4-Dioxane-d8		*3.29*		*"*	*4.00*		*82.3*	*50-130*				
Batch BI31778 - EPA 3550C												
Blank (BI31778-BLK1)	Blank									Prepared & Analyzed: 09/28/2023		
1,4-Dioxane		ND	0.0198	mg/kg								
Surrogate: 1,4-Dioxane-d8		*0.270*		*"*	*0.495*		*54.5*	*39-127.5*				
LCS (BI31778-BS1)	LCS									Prepared & Analyzed: 09/28/2023		
1,4-Dioxane		0.475	0.0198	mg/kg	0.495		96.0	40-130				
Surrogate: 1,4-Dioxane-d8		*0.253*		*"*	*0.495*		*51.2*	*39-127.5*				
Matrix Spike (BI31778-MS1)	Matrix Spike	*Source sample: 23I1345-04 (Matrix Spike)								Prepared & Analyzed: 09/28/2023		
1,4-Dioxane		0.467	0.0198	mg/kg	0.495	ND	94.4	40-130				
Surrogate: 1,4-Dioxane-d8		*0.209*		*"*	*0.495*		*42.2*	*40-130*				

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 BI31778 - EPA 3550C											
Matrix Spike Dup (BI31778-M Matrix Spike Dup *Source sample: 23I1345-04 (Matrix Spike Dup)									Prepared & Analyzed: 09/28/2023		
1,4-Dioxane	0.465	0.0198	mg/kg	0.495	ND	94.0	40-130		0.425	30	
Surrogate: 1,4-Dioxane-d8	*0.249*		"	*0.495*		*50.4*	*40-130*				
Batch BI31892 - EPA 3550C											
Blank (BI31892-BLK1) Blank									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,4-Dioxane	ND	0.0200	mg/kg								
Surrogate: 1,4-Dioxane-d8	*0.410*		"	*0.500*		*82.1*	*39-127.5*				
LCS (BI31892-BS1) LCS									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,4-Dioxane	0.550	0.0198	mg/kg	0.495		111	40-130				
Surrogate: 1,4-Dioxane-d8	*0.306*		"	*0.495*		*61.8*	*39-127.5*				
Matrix Spike (BI31892-MS1) Matrix Spike *Source sample: 23I1888-03 (Matrix Spike)									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,4-Dioxane	0.500	0.0198	mg/kg	0.495		101	40-130				
Surrogate: 1,4-Dioxane-d8	*0.311*		"	*0.495*		*62.7*	*40-130*				
Matrix Spike Dup (BI31892-M Matrix Spike Dup *Source sample: 23I1888-03 (Matrix Spike Dup)									Prepared: 09/29/2023 Analyzed: 09/30/2023		
1,4-Dioxane	0.496	0.0198	mg/kg	0.495		100	40-130		0.795	30	
Surrogate: 1,4-Dioxane-d8	*0.316*		"	*0.495*		*63.9*	*40-130*				



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 BI31443 - EPA 1633 Prep											
Blank (BI31443-BLK1) Blank									Prepared: 09/22/2023 Analyzed: 09/25/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
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	*1.68*		"	*2.32*		*72.7*	*25-150*				
Surrogate: M5PFHxA	*1.51*		"	*2.49*		*60.8*	*25-150*				
Surrogate: M4PFHpA	*1.15*		"	*2.49*		*46.4*	*25-150*				
Surrogate: M3PFHxS	*0.414*		"	*2.36*		*17.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*0.528*		"	*2.49*		*21.2*	*25-150*				
Surrogate: M6PFDA	*0.247*		"	*1.24*		*19.9*	*25-150*				
Surrogate: M7PFUdA	*0.297*		"	*1.24*		*23.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.346*		"	*1.24*		*27.8*	*25-150*				
Surrogate: M2PFTeDA	*0.396*		"	*1.24*		*31.9*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31443 - EPA 1633 Prep											
Blank (BI31443-BLK1) Blank								Prepared: 09/22/2023 Analyzed: 09/25/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.23*		*ug/kg wet*	*9.94*		*82.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*0.396*		*"*	*2.38*		*16.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.54*		*"*	*4.97*		*91.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.643*		*"*	*2.49*		*25.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.24*		*"*	*4.97*		*24.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.52*		*"*	*4.97*		*30.6*	*25-150*				
Surrogate: M2-6:2 FTS	*0.920*		*"*	*4.73*		*19.5*	*25-200*				
Surrogate: M2-8:2 FTS	*0.900*		*"*	*4.77*		*18.9*	*25-200*				
Surrogate: M9PFNA	*0.222*		*"*	*1.24*		*17.9*	*25-150*				
Surrogate: M2-4:2 FTS	*2.08*		*"*	*4.66*		*44.6*	*25-150*				
Surrogate: d-N-MeFOSA	*0.532*		*"*	*2.49*		*21.4*	*25-150*				
Surrogate: d-N-EtFOSA	*0.642*		*"*	*2.49*		*25.8*	*25-150*				
Surrogate: M3HFPO-DA	*9.07*		*"*	*9.94*		*91.3*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.96*		*"*	*24.9*		*32.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*8.40*		*"*	*24.9*		*33.8*	*25-150*				
LCS (BI31443-BS1) LCS								Prepared: 09/22/2023 Analyzed: 09/25/2023			
Perfluorobutanesulfonic acid (PFBS)	2.90	0.175	ug/kg wet	3.49		83.1	50-150				
Perfluorohexanoic acid (PFHxA)	3.02	0.197	"	3.94		76.6	50-150				
Perfluoroheptanoic acid (PFHpA)	2.33	0.197	"	3.94		59.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	2.83	0.180	"	3.61		78.4	50-150				
Perfluorooctanoic acid (PFOA)	3.24	0.197	"	3.94		82.0	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.96	0.183	"	3.67		108	50-150				
Perfluorononanoic acid (PFNA)	2.84	0.197	"	3.94		72.1	50-150				
Perfluorodecanoic acid (PFDA)	2.99	0.197	"	3.94		75.9	50-150				
Perfluoroundecanoic acid (PFUnA)	3.08	0.197	"	3.94		78.0	50-150				
Perfluorododecanoic acid (PFDoA)	3.19	0.197	"	3.94		80.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	3.45	0.197	"	3.94		87.5	50-150				
Perfluorotetradecanoic acid (PFTA)	2.90	0.197	"	3.94		73.4	50-150				
N-MeFOSAA	2.82	0.197	"	3.94		71.5	50-150				
N-EtFOSAA	3.07	0.197	"	3.94		77.9	50-150				
Perfluoropentanoic acid (PFPeA)	6.42	0.394	"	7.89		81.4	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	3.18	0.197	"	3.94		80.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.12	0.197	"	3.77		109	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.68	0.190	"	3.81		96.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	12.1	0.750	"	15.0		80.9	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	12.3	0.757	"	15.1		81.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	11.5	0.789	"	15.8		73.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.39	0.351	"	7.02		91.0	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	7.27	0.394	"	7.89		92.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	3.54	0.394	"	7.89		44.9	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.43	0.394	"	7.89		94.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.69	0.185	"	3.71		99.5	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	12.3	0.740	"	14.8		83.0	50-150				
HFPO-DA (Gen-X)	7.15	0.789	"	7.89		90.6	50-150				
11CL-PF3OUdS	2.97	0.746	"	7.46		39.8	50-150	Low Bias			
9CL-PF3ONS	3.41	0.738	"	7.38		46.3	50-150	Low Bias			
ADONA	4.82	0.746	"	7.46		64.7	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 BI31443 - EPA 1633 Prep											
LCS (BI31443-BS1) LCS								Prepared: 09/22/2023 Analyzed: 09/25/2023			
Perfluorododecanesulfonic acid (PFDoS)	2.93	0.191	ug/kg wet	3.83		76.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.32	0.189	"	3.79		114	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.57	0.986	"	15.8		48.0	50-150	Low Bias			
3-Perfluoropentyl propanoic acid (FPePA)	70.3	4.93	"	78.9		89.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	42.1	4.93	"	78.9		53.3	50-150				
N-MeFOSE	40.1	1.97	"	39.4		102	50-150				
N-MeFOSA	4.40	0.197	"	3.94		112	50-150				
N-EtFOSE	32.7	1.97	"	39.4		82.9	50-150				
N-EtFOSA	3.36	0.197	"	3.94		85.2	50-150				
Surrogate: M3PFBS	*2.17*		*"*	*2.30*		*94.4*	*25-150*				
Surrogate: M5PFHxA	*2.10*		*"*	*2.47*		*85.1*	*25-150*				
Surrogate: M4PFHpA	*2.63*		*"*	*2.47*		*107*	*25-150*				
Surrogate: M3PFHxS	*1.49*		*"*	*2.34*		*63.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.62*		*"*	*2.47*		*65.7*	*25-150*				
Surrogate: M6PFDA	*0.617*		*"*	*1.23*		*50.1*	*25-150*				
Surrogate: M7PFUdA	*0.687*		*"*	*1.23*		*55.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.612*		*"*	*1.23*		*49.7*	*25-150*				
Surrogate: M2PFTeDA	*0.513*		*"*	*1.23*		*41.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.78*		*"*	*9.86*		*18.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.01*		*"*	*2.36*		*42.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.16*		*"*	*4.93*		*64.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.68*		*"*	*2.47*		*68.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.79*		*"*	*4.93*		*56.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.08*		*"*	*4.93*		*62.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.76*		*"*	*4.69*		*58.9*	*25-200*				
Surrogate: M2-8:2 FTS	*2.28*		*"*	*4.73*		*48.2*	*25-200*				
Surrogate: M9PFNA	*0.721*		*"*	*1.23*		*58.5*	*25-150*				
Surrogate: M2-4:2 FTS	*3.20*		*"*	*4.63*		*69.1*	*25-150*				
Surrogate: d-N-MeFOSA	*1.37*		*"*	*2.47*		*55.6*	*25-150*				
Surrogate: d-N-EtFOSA	*1.43*		*"*	*2.47*		*58.0*	*25-150*				
Surrogate: M3HFPO-DA	*10.4*		*"*	*9.86*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.9*		*"*	*24.7*		*44.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.0*		*"*	*24.7*		*48.8*	*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 BI31443 - EPA 1633 Prep											
LCS (BI31443-BS2) LCS								Prepared: 09/22/2023 Analyzed: 09/25/2023			
Perfluorobutanesulfonic acid (PFBS)	0.676	0.175	ug/kg wet	0.698		96.9	50-150				
Perfluorohexanoic acid (PFHxA)	0.650	0.197	"	0.789		82.4	50-150				
Perfluoroheptanoic acid (PFHpA)	0.503	0.197	"	0.789		63.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.640	0.180	"	0.722		88.7	50-150				
Perfluorooctanoic acid (PFOA)	0.733	0.197	"	0.789		92.9	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.788	0.183	"	0.734		107	50-150				
Perfluorononanoic acid (PFNA)	0.819	0.197	"	0.789		104	50-150				
Perfluorodecanoic acid (PFDA)	0.740	0.197	"	0.789		93.8	50-150				
Perfluoroundecanoic acid (PFUnA)	0.743	0.197	"	0.789		94.2	50-150				
Perfluorododecanoic acid (PFDoA)	0.733	0.197	"	0.789		92.9	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.800	0.197	"	0.789		101	50-150				
Perfluorotetradecanoic acid (PFTA)	0.732	0.197	"	0.789		92.8	50-150				
N-MeFOSAA	0.666	0.197	"	0.789		84.5	50-150				
N-EtFOSAA	0.692	0.197	"	0.789		87.7	50-150				
Perfluoropentanoic acid (PFPeA)	1.35	0.394	"	1.58		85.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.708	0.197	"	0.789		89.7	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.757	0.197	"	0.753		100	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.761	0.190	"	0.761		100	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.70	0.750	"	3.00		90.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.17	0.757	"	3.03		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.65	0.789	"	3.16		84.0	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.28	0.351	"	1.40		91.3	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.90	0.394	"	1.58		120	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.34	0.394	"	1.58		84.6	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.42	0.394	"	1.58		90.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.723	0.185	"	0.742		97.4	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.67	0.740	"	2.96		90.3	50-150				
HFPO-DA (Gen-X)	1.26	0.789	"	1.58		79.7	50-150				
11CL-PF3OUdS	0.723	0.746	"	1.49		48.5	50-150	Low Bias			
9CL-PF3ONS	0.751	0.738	"	1.48		50.9	50-150				
ADONA	0.899	0.746	"	1.49		60.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.561	0.191	"	0.765		73.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.917	0.189	"	0.757		121	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	2.80	0.986	"	3.16		88.7	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	13.4	4.93	"	15.8		85.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	10.1	4.93	"	15.8		63.9	50-150				
N-MeFOSE	8.36	1.97	"	7.89		106	50-150				
N-MeFOSA	0.820	0.197	"	0.789		104	50-150				
N-EtFOSE	7.36	1.97	"	7.89		93.2	50-150				
N-EtFOSA	1.04	0.197	"	0.789		132	50-150				
Surrogate: M3PFBS	*1.85*		"	*2.30*		*80.3*	*25-150*				
Surrogate: M5PFHxA	*1.82*		"	*2.47*		*74.0*	*25-150*				
Surrogate: M4PFHpA	*1.97*		"	*2.47*		*80.0*	*25-150*				
Surrogate: M3PFHxS	*1.23*		"	*2.34*		*52.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.42*		"	*2.47*		*57.4*	*25-150*				
Surrogate: M6PFDA	*0.568*		"	*1.23*		*46.1*	*25-150*				
Surrogate: M7PFUdA	*0.663*		"	*1.23*		*53.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.604*		"	*1.23*		*49.0*	*25-150*				
Surrogate: M2PFTeDA	*0.512*		"	*1.23*		*41.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

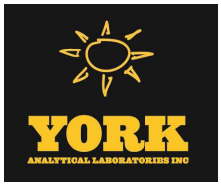
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31443 - EPA 1633 Prep											
LCS (BI31443-BS2) LCS									Prepared: 09/22/2023 Analyzed: 09/25/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.35*		*ug/kg wet*	*9.86*		*54.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.11*		*"*	*2.36*		*47.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.24*		*"*	*4.93*		*85.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.47*		*57.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.56*		*"*	*4.93*		*51.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.85*		*"*	*4.93*		*57.8*	*25-150*				
Surrogate: M2-6:2 FTS	*2.45*		*"*	*4.69*		*52.3*	*25-200*				
Surrogate: M2-8:2 FTS	*2.09*		*"*	*4.73*		*44.0*	*25-200*				
Surrogate: M9PFNA	*0.652*		*"*	*1.23*		*52.9*	*25-150*				
Surrogate: M2-4:2 FTS	*2.76*		*"*	*4.63*		*59.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.30*		*"*	*2.47*		*52.7*	*25-150*				
Surrogate: d-N-EtFOSA	*1.01*		*"*	*2.47*		*41.1*	*25-150*				
Surrogate: M3HFPO-DA	*9.69*		*"*	*9.86*		*98.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.7*		*48.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*13.2*		*"*	*24.7*		*53.4*	*25-150*				
Duplicate (BI31443-DUP1) Duplicate *Source sample: 23I1127-03 (Duplicate)									Prepared: 09/22/2023 Analyzed: 09/25/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.188	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	0.424	"		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	0.205	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.806	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.814	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.848	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.378	"		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	0.199	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.795	"		ND					30	
HFPO-DA (Gen-X)	ND	0.848	"		ND					30	
11CL-PF3OUdS	ND	0.802	"		ND					30	
9CL-PF3ONS	ND	0.793	"		ND					30	
ADONA	ND	0.802	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

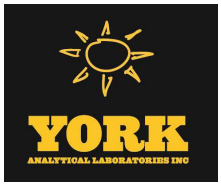
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31443 - EPA 1633 Prep											
Duplicate (BI31443-DUP1) Duplicate	*Source sample: 23I1127-03 (Duplicate)								Prepared: 09/22/2023 Analyzed: 09/25/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.206	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.204	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.06	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.30	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.30	"		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	*2.30*		"	*2.47*		*93.2*	*25-150*				
Surrogate: M5PFHxA	*2.37*		"	*2.65*		*89.4*	*25-150*				
Surrogate: M4PFHpA	*2.97*		"	*2.65*		*112*	*25-150*				
Surrogate: M3PFHxS	*2.47*		"	*2.51*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.49*		"	*2.65*		*94.1*	*25-150*				
Surrogate: M6PFDA	*1.11*		"	*1.33*		*83.7*	*25-150*				
Surrogate: M7PFUdA	*1.09*		"	*1.33*		*82.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		"	*1.33*		*76.5*	*25-150*				
Surrogate: M2PFTeDA	*0.817*		"	*1.33*		*61.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*9.29*		"	*10.6*		*87.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.25*		"	*2.54*		*88.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.75*		"	*5.30*		*89.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.35*		"	*2.65*		*88.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.77*		"	*5.30*		*89.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.18*		"	*5.30*		*97.7*	*25-150*				
Surrogate: M2-6:2 FTS	*2.52*		"	*5.04*		*50.0*	*25-200*				
Surrogate: M2-8:2 FTS	*2.33*		"	*5.09*		*45.7*	*25-200*				
Surrogate: M9PFNA	*1.23*		"	*1.33*		*93.1*	*25-150*				
Surrogate: M2-4:2 FTS	*1.83*		"	*4.97*		*36.8*	*25-150*				
Surrogate: d-N-MeFOSA	*1.33*		"	*2.65*		*50.2*	*25-150*				
Surrogate: d-N-EtFOSA	*1.24*		"	*2.65*		*46.6*	*25-150*				
Surrogate: M3HFPO-DA	*8.13*		"	*10.6*		*76.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.8*		"	*26.5*		*70.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*20.1*		"	*26.5*		*75.7*	*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 BI31536 - EPA 1633 Prep											
Blank (BI31536-BLK1) Blank									Prepared: 09/25/2023 Analyzed: 09/28/2023		
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 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	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 F	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	*55.1*		*"*	*46.6*		*118*	*25-150*				
Surrogate: M5PFHxA	*51.0*		*"*	*50.0*		*102*	*25-150*				
Surrogate: M4PFHpA	*64.6*		*"*	*50.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*54.1*		*"*	*47.4*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*51.3*		*"*	*50.0*		*103*	*25-150*				
Surrogate: M6PFDA	*27.8*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M7PFUdA	*25.9*		*"*	*25.0*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*22.4*		*"*	*25.0*		*89.5*	*25-150*				
Surrogate: M2PFTeDA	*17.1*		*"*	*25.0*		*68.5*	*10-150*				



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 BI31536 - EPA 1633 Prep											
Blank (BI31536-BLK1) Blank									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*178*		*ng/L*	*200*		*89.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.6*		*"*	*47.9*		*95.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		*"*	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*53.2*		*"*	*50.0*		*106*	*10-150*				
Surrogate: d3-N-MeFOSAA	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: d5-N-EtFOSAA	*122*		*"*	*100*		*122*	*25-150*				
Surrogate: M2-6:2 FTS	*97.8*		*"*	*95.1*		*103*	*25-200*				
Surrogate: M2-8:2 FTS	*76.8*		*"*	*96.0*		*80.1*	*25-200*				
Surrogate: M9PFNA	*27.5*		*"*	*25.0*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*97.0*		*"*	*93.8*		*103*	*25-150*				
Surrogate: d-N-MeFOSA	*50.9*		*"*	*50.0*		*102*	*25-150*				
Surrogate: d-N-EtFOSA	*40.8*		*"*	*50.0*		*81.7*	*25-150*				
Surrogate: M3HFPO-DA	*266*		*"*	*200*		*133*	*25-150*				
Surrogate: d9-N-EtFOSE	*327*		*"*	*500*		*65.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*332*		*"*	*500*		*66.5*	*25-150*				
LCS (BI31536-BS1) LCS									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorobutanesulfonic acid (PFBS)	73.8	3.54	ng/L	70.8		104	50-150				
Perfluorohexanoic acid (PFHxA)	75.6	4.00	"	80.0		94.5	50-150				
Perfluoroheptanoic acid (PFHpA)	61.6	4.00	"	80.0		77.0	50-150				
Perfluorohexanesulfonic acid (PFHxS)	75.6	3.66	"	73.2		103	50-150				
Perfluorooctanoic acid (PFOA)	89.9	4.00	"	80.0		112	50-150				
Perfluorooctanesulfonic acid (PFOS)	84.9	3.72	"	74.4		114	50-150				
Perfluorononanoic acid (PFNA)	78.1	4.00	"	80.0		97.7	50-150				
Perfluorodecanoic acid (PFDA)	86.8	4.00	"	80.0		109	50-150				
Perfluoroundecanoic acid (PFUnA)	90.3	4.00	"	80.0		113	50-150				
Perfluorododecanoic acid (PFDoA)	99.2	4.00	"	80.0		124	50-150				
Perfluorotridecanoic acid (PFTrDA)	86.3	4.00	"	80.0		108	50-150				
Perfluorotetradecanoic acid (PFTA)	80.7	4.00	"	80.0		101	50-150				
N-MeFOSAA	66.1	4.00	"	80.0		82.6	50-150				
N-EtFOSAA	77.3	4.00	"	80.0		96.7	50-150				
Perfluoropentanoic acid (PFPeA)	160	8.00	"	160		99.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	80.6	4.00	"	80.0		101	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.4	3.82	"	76.4		108	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	82.4	3.86	"	77.2		107	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	336	15.2	"	304		111	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	314	15.4	"	307		102	50-150				
Perfluoro-n-butanoic acid (PFBA)	328	16.0	"	320		102	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	154	7.12	"	142		108	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	214	8.00	"	160		134	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	187	8.00	"	160		117	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	176	8.00	"	160		110	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	77.6	3.76	"	75.2		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	306	15.0	"	300		102	50-150				
HFPO-DA (Gen-X)	183	16.0	"	160		115	50-150				
11CL-PF3OUdS	119	15.1	"	151		78.8	50-150				
9CL-PF3ONS	135	15.0	"	150		90.5	50-150				
ADONA	128	15.1	"	151		84.7	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 BI31536 - EPA 1633 Prep											
LCS (BI31536-BS1) LCS								Prepared: 09/25/2023 Analyzed: 09/28/2023			
Perfluorododecanesulfonic acid (PFDoS)	61.8	3.88	ng/L	77.6		79.6	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	89.9	3.84	"	76.8		117	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	420	10.0	"	320		131	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1810	50.0	"	1600		113	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1620	50.0	"	1600		101	50-150				
N-MeFOSE	864	40.0	"	800		108	50-150				
N-MeFOSA	74.4	4.00	"	80.0		93.0	50-150				
N-EtFOSE	760	40.0	"	800		95.0	50-150				
N-EtFOSA	86.1	4.00	"	80.0		108	50-150				
Surrogate: M3PFBS	*58.5*		"	*46.6*		*126*	*25-150*				
Surrogate: M5PFHxA	*57.1*		"	*50.0*		*114*	*25-150*				
Surrogate: M4PFHpA	*76.1*		"	*50.0*		*152*	*25-150*				
Surrogate: M3PFHxS	*57.9*		"	*47.4*		*122*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*54.9*		"	*50.0*		*110*	*25-150*				
Surrogate: M6PFDA	*26.5*		"	*25.0*		*106*	*25-150*				
Surrogate: M7PFUdA	*25.1*		"	*25.0*		*100*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*20.9*		"	*25.0*		*83.5*	*25-150*				
Surrogate: M2PFTeDA	*19.9*		"	*25.0*		*79.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*200*		"	*200*		*100*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*53.8*		"	*47.9*		*112*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*116*		"	*100*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*57.8*		"	*50.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*128*		"	*100*		*128*	*25-150*				
Surrogate: d5-N-EtFOSAA	*139*		"	*100*		*139*	*25-150*				
Surrogate: M2-6:2 FTS	*123*		"	*95.1*		*129*	*25-200*				
Surrogate: M2-8:2 FTS	*121*		"	*96.0*		*126*	*25-200*				
Surrogate: M9PFNA	*31.8*		"	*25.0*		*127*	*25-150*				
Surrogate: M2-4:2 FTS	*103*		"	*93.8*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*64.9*		"	*50.0*		*130*	*25-150*				
Surrogate: d-N-EtFOSA	*48.1*		"	*50.0*		*96.2*	*25-150*				
Surrogate: M3HFPO-DA	*290*		"	*200*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*365*		"	*500*		*73.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*357*		"	*500*		*71.3*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31536 - EPA 1633 Prep											
LCS (BI31536-BS2) LCS								Prepared: 09/25/2023 Analyzed: 09/28/2023			
Perfluorobutanesulfonic acid (PFBS)	13.6	3.54	ng/L	14.2		96.3	50-150				
Perfluorohexanoic acid (PFHxA)	12.8	4.00	"	16.0		80.1	50-150				
Perfluoroheptanoic acid (PFHpA)	9.68	4.00	"	16.0		60.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	11.5	3.66	"	14.6		78.3	50-150				
Perfluorooctanoic acid (PFOA)	14.7	4.00	"	16.0		92.1	50-150				
Perfluorooctanesulfonic acid (PFOS)	14.4	3.72	"	14.9		96.6	50-150				
Perfluorononanoic acid (PFNA)	13.2	4.00	"	16.0		82.6	50-150				
Perfluorodecanoic acid (PFDA)	13.6	4.00	"	16.0		84.7	50-150				
Perfluoroundecanoic acid (PFUnA)	15.0	4.00	"	16.0		93.8	50-150				
Perfluorododecanoic acid (PFDoA)	13.5	4.00	"	16.0		84.3	50-150				
Perfluorotridecanoic acid (PFTrDA)	14.4	4.00	"	16.0		90.3	50-150				
Perfluorotetradecanoic acid (PFTA)	12.2	4.00	"	16.0		76.5	50-150				
N-MeFOSAA	10.7	4.00	"	16.0		66.7	50-150				
N-EtFOSAA	12.2	4.00	"	16.0		76.5	50-150				
Perfluoropentanoic acid (PFPeA)	27.1	8.00	"	32.0		84.8	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	13.8	4.00	"	16.0		86.3	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.0	3.82	"	15.3		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	14.6	3.86	"	15.4		94.6	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	52.4	15.2	"	60.8		86.1	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	60.9	15.4	"	61.4		99.2	50-150				
Perfluoro-n-butanoic acid (PFBA)	54.9	16.0	"	64.0		85.8	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	26.9	7.12	"	28.5		94.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	27.5	8.00	"	32.0		86.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	32.2	8.00	"	32.0		101	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	29.8	8.00	"	32.0		93.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	13.4	3.76	"	15.0		89.1	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	53.5	15.0	"	60.0		89.2	50-150				
HFPO-DA (Gen-X)	29.3	16.0	"	32.0		91.5	50-150				
11CL-PF3OUdS	20.5	15.1	"	30.2		67.7	50-150				
9CL-PF3ONS	24.6	15.0	"	29.9		82.4	50-150				
ADONA	22.1	15.1	"	30.2		73.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	13.0	3.88	"	15.5		83.9	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	18.7	3.84	"	15.4		122	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	73.5	10.0	"	64.0		115	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	312	50.0	"	320		97.5	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	253	50.0	"	320		78.9	50-150				
N-MeFOSE	151	40.0	"	160		94.4	50-150				
N-MeFOSA	15.5	4.00	"	16.0		96.8	50-150				
N-EtFOSE	115	40.0	"	160		72.0	50-150				
N-EtFOSA	17.4	4.00	"	16.0		109	50-150				
Surrogate: M3PFBS	*58.3*		*"*	*46.6*		*125*	*25-150*				
Surrogate: M5PFHxA	*52.9*		*"*	*50.0*		*106*	*25-150*				
Surrogate: M4PFHpA	*71.1*		*"*	*50.0*		*142*	*25-150*				
Surrogate: M3PFHxS	*57.2*		*"*	*47.4*		*121*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.2*		*"*	*50.0*		*98.5*	*25-150*				
Surrogate: M6PFDA	*24.1*		*"*	*25.0*		*96.6*	*25-150*				
Surrogate: M7PFUdA	*23.2*		*"*	*25.0*		*92.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.0*		*"*	*25.0*		*83.8*	*25-150*				
Surrogate: M2PFTeDA	*17.7*		*"*	*25.0*		*71.0*	*10-150*				

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 BI31536 - EPA 1633 Prep											
LCS (BI31536-BS2) LCS									Prepared: 09/25/2023 Analyzed: 09/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*182*		*ng/L*	*200*		*91.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*48.0*		*"*	*47.9*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*106*		*"*	*100*		*106*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*58.0*		*"*	*50.0*		*116*	*10-150*				
Surrogate: d3-N-MeFOSAA	*119*		*"*	*100*		*119*	*25-150*				
Surrogate: d5-N-EtFOSAA	*129*		*"*	*100*		*129*	*25-150*				
Surrogate: M2-6:2 FTS	*108*		*"*	*95.1*		*114*	*25-200*				
Surrogate: M2-8:2 FTS	*92.1*		*"*	*96.0*		*96.0*	*25-200*				
Surrogate: M9PFNA	*28.2*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M2-4:2 FTS	*103*		*"*	*93.8*		*110*	*25-150*				
Surrogate: d-N-MeFOSA	*52.4*		*"*	*50.0*		*105*	*25-150*				
Surrogate: d-N-EtFOSA	*39.3*		*"*	*50.0*		*78.6*	*25-150*				
Surrogate: M3HFPO-DA	*260*		*"*	*200*		*130*	*25-150*				
Surrogate: d9-N-EtFOSE	*372*		*"*	*500*		*74.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*342*		*"*	*500*		*68.4*	*25-150*				
Duplicate (BI31536-DUP1) Duplicate				*Source sample: 23I1352-02 (Duplicate)					Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorobutanesulfonic acid (PFBS)	5.80	1.66	ng/L		5.62				3.12	30	
Perfluorohexanoic acid (PFHxA)	14.0	1.88	"		15.1				7.69	30	
Perfluoroheptanoic acid (PFHpA)	10.3	1.88	"		10.5				1.69	30	
Perfluorohexanesulfonic acid (PFHxS)	15.2	1.72	"		15.2				0.233	30	
Perfluorooctanoic acid (PFOA)	81.4	1.88	"		78.3				3.98	30	
Perfluorooctanesulfonic acid (PFOS)	397	1.75	"		405				1.92	30	
Perfluorononanoic acid (PFNA)	5.87	1.88	"		6.93				16.4	30	
Perfluorodecanoic acid (PFDA)	1.65	1.88	"		1.75				5.58	30	
Perfluoroundecanoic acid (PFUnA)	ND	1.88	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.88	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	0.854	1.88	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.88	"		ND					30	
N-MeFOSAA	ND	1.88	"		ND					30	
N-EtFOSAA	2.30	1.88	"		2.69				15.3	30	
Perfluoropentanoic acid (PFPeA)	14.2	3.76	"		12.2				15.4	30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.88	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.85	1.79	"		6.18				5.50	30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.81	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	58.4	7.14	"		59.8				2.36	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	2.08	7.21	"		2.53				19.2	30	
Perfluoro-n-butanoic acid (PFBA)	15.0	7.51	"		15.8				5.16	30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.34	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.76	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.76	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.76	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	3.20	1.77	"		3.11				2.88	30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.04	"		ND					30	
HFPO-DA (Gen-X)	ND	7.51	"		ND					30	
11CL-PF3OUdS	ND	7.10	"		ND					30	
9CL-PF3ONS	ND	7.02	"		ND					30	
ADONA	ND	7.10	"		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 BI31536 - EPA 1633 Prep											
Duplicate (BI31536-DUP1) Duplicate	*Source sample: 23I1352-02 (Duplicate)								Prepared: 09/25/2023 Analyzed: 09/28/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.82	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.80	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	2.91	4.70	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	23.5	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	23.5	"		ND					30	
N-MeFOSE	ND	18.8	"		4.99					30	
N-MeFOSA	ND	1.88	"		ND					30	
N-EtFOSE	ND	18.8	"		4.24					30	
N-EtFOSA	ND	1.88	"		ND					30	
Surrogate: M3PFBS	*21.7*		*"*	*21.9*		*99.2*	*25-150*				
Surrogate: M5PFHxA	*24.1*		*"*	*23.5*		*103*	*25-150*				
Surrogate: M4PFHpA	*28.2*		*"*	*23.5*		*120*	*25-150*				
Surrogate: M3PFHxS	*22.3*		*"*	*22.3*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*25.2*		*"*	*23.5*		*107*	*25-150*				
Surrogate: M6PFDA	*11.3*		*"*	*11.7*		*96.7*	*25-150*				
Surrogate: M7PFUdA	*10.3*		*"*	*11.7*		*88.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.99*		*"*	*11.7*		*68.1*	*25-150*				
Surrogate: M2PFTeDA	*4.82*		*"*	*11.7*		*41.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*80.5*		*"*	*93.9*		*85.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*25.4*		*"*	*22.5*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*54.6*		*"*	*47.0*		*116*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*29.7*		*"*	*23.5*		*126*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.2*		*"*	*47.0*		*126*	*25-150*				
Surrogate: d5-N-EtFOSAA	*64.3*		*"*	*47.0*		*137*	*25-150*				
Surrogate: M2-6:2 FTS	*94.2*		*"*	*44.7*		*211*	*25-200*				
Surrogate: M2-8:2 FTS	*51.0*		*"*	*45.1*		*113*	*25-200*				
Surrogate: M9PFNA	*12.9*		*"*	*11.7*		*110*	*25-150*				
Surrogate: M2-4:2 FTS	*98.6*		*"*	*44.0*		*224*	*25-150*				
Surrogate: d-N-MeFOSA	*14.7*		*"*	*23.5*		*62.5*	*25-150*				
Surrogate: d-N-EtFOSA	*9.91*		*"*	*23.5*		*42.2*	*25-150*				
Surrogate: M3HFPO-DA	*115*		*"*	*93.9*		*122*	*25-150*				
Surrogate: d9-N-EtFOSE	*103*		*"*	*235*		*43.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*118*		*"*	*235*		*50.2*	*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 BI31703 - EPA SW846-3510C Low Level											
Blank (BI31703-BLK1) Blank									Prepared & Analyzed: 09/27/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.148*		"	*0.200*		*74.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.138*		"	*0.200*		*68.9*	*30-150*				
LCS (BI31703-BS1) LCS									Prepared & Analyzed: 09/27/2023		
4,4'-DDD	0.0726	0.00400	ug/L	0.100		72.6	40-140				
4,4'-DDE	0.0685	0.00400	"	0.100		68.5	40-140				
4,4'-DDT	0.0833	0.00400	"	0.100		83.3	40-140				
Aldrin	0.0519	0.00400	"	0.100		51.9	40-140				
alpha-BHC	0.0576	0.00400	"	0.100		57.6	40-140				
alpha-Chlordane	0.0657	0.00400	"	0.100		65.7	40-140				
beta-BHC	0.0753	0.00400	"	0.100		75.3	40-140				
delta-BHC	0.0728	0.00400	"	0.100		72.8	40-140				
Dieldrin	0.0713	0.00200	"	0.100		71.3	40-140				
Endosulfan I	0.0691	0.00400	"	0.100		69.1	40-140				
Endosulfan II	0.0768	0.00400	"	0.100		76.8	40-140				
Endosulfan sulfate	0.0724	0.00400	"	0.100		72.4	40-140				
Endrin	0.0778	0.00400	"	0.100		77.8	40-140				
Endrin aldehyde	0.0855	0.0100	"	0.100		85.5	40-140				
Endrin ketone	0.0837	0.0100	"	0.100		83.7	40-140				
gamma-BHC (Lindane)	0.0631	0.00400	"	0.100		63.1	40-140				
gamma-Chlordane	0.0649	0.0100	"	0.100		64.9	40-140				
Heptachlor	0.0626	0.00400	"	0.100		62.6	40-140				
Heptachlor epoxide	0.0724	0.00400	"	0.100		72.4	40-140				
Methoxychlor	0.0918	0.00400	"	0.100		91.8	40-140				
Surrogate: Decachlorobiphenyl	*0.136*		"	*0.200*		*68.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0902*		"	*0.200*		*45.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31703 - EPA SW846-3510C Low Level											
LCS Dup (BI31703-BSD1) LCS Dup								Prepared & Analyzed: 09/27/2023			
4,4'-DDD	0.0670	0.00400	ug/L	0.100		67.0	40-140		7.96	20	
4,4'-DDE	0.0622	0.00400	"	0.100		62.2	40-140		9.69	20	
4,4'-DDT	0.0750	0.00400	"	0.100		75.0	40-140		10.4	20	
Aldrin	0.0487	0.00400	"	0.100		48.7	40-140		6.39	20	
alpha-BHC	0.0551	0.00400	"	0.100		55.1	40-140		4.42	20	
alpha-Chlordane	0.0589	0.00400	"	0.100		58.9	40-140		10.9	20	
beta-BHC	0.0622	0.00400	"	0.100		62.2	40-140		19.1	20	
delta-BHC	0.0649	0.00400	"	0.100		64.9	40-140		11.4	20	
Dieldrin	0.0644	0.00200	"	0.100		64.4	40-140		10.2	20	
Endosulfan I	0.0620	0.00400	"	0.100		62.0	40-140		10.7	20	
Endosulfan II	0.0694	0.00400	"	0.100		69.4	40-140		10.1	20	
Endosulfan sulfate	0.0661	0.00400	"	0.100		66.1	40-140		9.03	20	
Endrin	0.0687	0.00400	"	0.100		68.7	40-140		12.4	20	
Endrin aldehyde	0.0727	0.0100	"	0.100		72.7	40-140		16.2	20	
Endrin ketone	0.0736	0.0100	"	0.100		73.6	40-140		12.8	20	
gamma-BHC (Lindane)	0.0590	0.00400	"	0.100		59.0	40-140		6.58	20	
gamma-Chlordane	0.0588	0.0100	"	0.100		58.8	40-140		10.0	20	
Heptachlor	0.0586	0.00400	"	0.100		58.6	40-140		6.62	20	
Heptachlor epoxide	0.0631	0.00400	"	0.100		63.1	40-140		13.7	20	
Methoxychlor	0.0824	0.00400	"	0.100		82.4	40-140		10.8	20	
Surrogate: Decachlorobiphenyl	*0.129*		*"*	*0.200*		*64.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0849*		*"*	*0.200*		*42.5*	*30-150*				
Matrix Spike (BI31703-MS1) Matrix Spike *Source sample: 23I1352-02 (Matrix Spike)								Prepared & Analyzed: 09/27/2023			
4,4'-DDD	0.0713	0.00400	ug/L	0.100	ND	71.3	30-150				
4,4'-DDE	0.0667	0.00400	"	0.100	ND	66.7	30-150				
4,4'-DDT	0.0863	0.00400	"	0.100	0.0146	71.7	30-150				
Aldrin	0.0630	0.00400	"	0.100	ND	63.0	30-150				
alpha-BHC	0.0556	0.00400	"	0.100	ND	55.6	30-150				
alpha-Chlordane	0.0753	0.00400	"	0.100	ND	75.3	30-150				
beta-BHC	0.0762	0.00400	"	0.100	ND	76.2	30-150				
delta-BHC	0.0785	0.00400	"	0.100	ND	78.5	30-150				
Dieldrin	0.0802	0.00200	"	0.100	ND	80.2	30-150				
Endosulfan I	0.0855	0.00400	"	0.100	ND	85.5	30-150				
Endosulfan II	0.0756	0.00400	"	0.100	ND	75.6	30-150				
Endosulfan sulfate	0.0964	0.00400	"	0.100	ND	96.4	30-150				
Endrin	0.0858	0.00400	"	0.100	ND	85.8	30-150				
Endrin aldehyde	0.0781	0.0100	"	0.100	ND	78.1	30-150				
Endrin ketone	0.0915	0.0100	"	0.100	ND	91.5	30-150				
gamma-BHC (Lindane)	0.0650	0.00400	"	0.100	ND	65.0	30-150				
gamma-Chlordane	0.0731	0.0100	"	0.100	ND	73.1	30-150				
Heptachlor	0.0734	0.00400	"	0.100	ND	73.4	30-150				
Heptachlor epoxide	0.0706	0.00400	"	0.100	ND	70.6	30-150				
Methoxychlor	0.113	0.00400	"	0.100	ND	113	30-150				
Surrogate: Decachlorobiphenyl	*0.132*		*"*	*0.200*		*65.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31703 - EPA SW846-3510C Low Level											
Matrix Spike Dup (BI31703-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/27/2023		
4,4'-DDD	0.0711	0.00400	ug/L	0.100	ND	71.1	30-150		0.257	20	
4,4'-DDE	0.0659	0.00400	"	0.100	ND	65.9	30-150		1.08	20	
4,4'-DDT	0.0864	0.00400	"	0.100	0.0146	71.8	30-150		0.0764	20	
Aldrin	0.0675	0.00400	"	0.100	ND	67.5	30-150		6.89	20	
alpha-BHC	0.0615	0.00400	"	0.100	ND	61.5	30-150		9.98	20	
alpha-Chlordane	0.0744	0.00400	"	0.100	ND	74.4	30-150		1.24	20	
beta-BHC	0.0769	0.00400	"	0.100	ND	76.9	30-150		0.919	20	
delta-BHC	0.0812	0.00400	"	0.100	ND	81.2	30-150		3.37	20	
Dieldrin	0.0782	0.00200	"	0.100	ND	78.2	30-150		2.63	20	
Endosulfan I	0.0847	0.00400	"	0.100	ND	84.7	30-150		1.00	20	
Endosulfan II	0.0739	0.00400	"	0.100	ND	73.9	30-150		2.22	20	
Endosulfan sulfate	0.0940	0.00400	"	0.100	ND	94.0	30-150		2.52	20	
Endrin	0.0825	0.00400	"	0.100	ND	82.5	30-150		3.93	20	
Endrin aldehyde	0.0758	0.0100	"	0.100	ND	75.8	30-150		3.03	20	
Endrin ketone	0.0853	0.0100	"	0.100	ND	85.3	30-150		7.03	20	
gamma-BHC (Lindane)	0.0693	0.00400	"	0.100	ND	69.3	30-150		6.38	20	
gamma-Chlordane	0.0717	0.0100	"	0.100	ND	71.7	30-150		1.83	20	
Heptachlor	0.0792	0.00400	"	0.100	ND	79.2	30-150		7.64	20	
Heptachlor epoxide	0.0715	0.00400	"	0.100	ND	71.5	30-150		1.22	20	
Methoxychlor	0.113	0.00400	"	0.100	ND	113	30-150		0.741	20	
Surrogate: Decachlorobiphenyl	*0.131*		*"*	*0.200*		*65.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.123*		*"*	*0.200*		*61.4*	*30-150*				
Batch BI31881 - EPA 3550C											
Blank (BI31881-BLK1) Blank									Prepared & Analyzed: 09/29/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
Chlordane, total	ND	0.0330	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00825	"								
Toxaphene	ND	0.0835	"								
Surrogate: Decachlorobiphenyl	*0.0657*		*"*	*0.0667*		*98.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0667*		*75.8*	*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 BI31881 - EPA 3550C											
LCS (BI31881-BS1) LCS									Prepared & Analyzed: 09/29/2023		
4,4'-DDD	0.0220	0.00165	mg/kg wet	0.0333		66.0	40-140				
4,4'-DDE	0.0222	0.00165	"	0.0333		66.7	40-140				
4,4'-DDT	0.0208	0.00165	"	0.0333		62.5	40-140				
Aldrin	0.0200	0.00165	"	0.0333		59.9	40-140				
alpha-BHC	0.0216	0.00165	"	0.0333		64.7	40-140				
beta-BHC	0.0255	0.00165	"	0.0333		76.4	40-140				
delta-BHC	0.0206	0.00165	"	0.0333		61.8	40-140				
Dieldrin	0.0209	0.00165	"	0.0333		62.6	40-140				
Endosulfan I	0.0222	0.00165	"	0.0333		66.7	40-140				
Endosulfan II	0.0225	0.00165	"	0.0333		67.6	40-140				
Endosulfan sulfate	0.0225	0.00165	"	0.0333		67.5	40-140				
Endrin	0.0216	0.00165	"	0.0333		64.9	40-140				
Endrin aldehyde	0.0236	0.00165	"	0.0333		70.8	40-140				
Endrin ketone	0.0225	0.00165	"	0.0333		67.6	40-140				
gamma-BHC (Lindane)	0.0218	0.00165	"	0.0333		65.4	40-140				
Heptachlor	0.0212	0.00165	"	0.0333		63.8	40-140				
Heptachlor epoxide	0.0224	0.00165	"	0.0333		67.2	40-140				
Methoxychlor	0.0233	0.00825	"	0.0333		69.8	40-140				
Surrogate: Decachlorobiphenyl	*0.0489*		*"*	*0.0667*		*73.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0367*		*"*	*0.0667*		*55.0*	*30-150*				
Matrix Spike (BI31881-MS1) Matrix Spike *Source sample: 23I1404-06 (SB04_10-12)									Prepared & Analyzed: 09/29/2023		
4,4'-DDD	0.0286	0.00174	mg/kg dry	0.0351	ND	81.5	30-150				
4,4'-DDE	0.0275	0.00174	"	0.0351	ND	78.3	30-150				
4,4'-DDT	0.0252	0.00174	"	0.0351	ND	71.8	30-150				
Aldrin	0.0240	0.00174	"	0.0351	ND	68.4	30-150				
alpha-BHC	0.0261	0.00174	"	0.0351	ND	74.2	30-150				
beta-BHC	0.0305	0.00174	"	0.0351	ND	86.8	30-150				
delta-BHC	0.0255	0.00174	"	0.0351	ND	72.7	30-150				
Dieldrin	0.0257	0.00174	"	0.0351	ND	73.1	30-150				
Endosulfan I	0.0272	0.00174	"	0.0351	ND	77.5	30-150				
Endosulfan II	0.0278	0.00174	"	0.0351	ND	79.0	30-150				
Endosulfan sulfate	0.0276	0.00174	"	0.0351	ND	78.5	30-150				
Endrin	0.0269	0.00174	"	0.0351	ND	76.6	30-150				
Endrin aldehyde	0.0290	0.00174	"	0.0351	ND	82.5	30-150				
Endrin ketone	0.0273	0.00174	"	0.0351	ND	77.7	30-150				
gamma-BHC (Lindane)	0.0266	0.00174	"	0.0351	ND	75.6	30-150				
Heptachlor	0.0257	0.00174	"	0.0351	ND	73.0	30-150				
Heptachlor epoxide	0.0272	0.00174	"	0.0351	ND	77.3	30-150				
Methoxychlor	0.0313	0.00870	"	0.0351	ND	89.0	30-150				
Surrogate: Decachlorobiphenyl	*0.0602*		*"*	*0.0703*		*85.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0433*		*"*	*0.0703*		*61.7*	*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 BI31703 - EPA SW846-3510C Low Level											
Blank (BI31703-BLK2) Blank									Prepared: 09/27/2023 Analyzed: 09/28/2023		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.128*		"	*0.200*		*64.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		"	*0.200*		*63.0*	*30-120*				
LCS (BI31703-BS2) LCS									Prepared & Analyzed: 09/27/2023		
Aroclor 1016	0.566	0.0500	ug/L	1.00		56.6	40-120				
Aroclor 1260	0.753	0.0500	"	1.00		75.3	40-120				
Surrogate: Tetrachloro-m-xylene	*0.0930*		"	*0.200*		*46.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0920*		"	*0.200*		*46.0*	*30-120*				
LCS Dup (BI31703-BSD2) LCS Dup									Prepared & Analyzed: 09/27/2023		
Aroclor 1016	0.631	0.0500	ug/L	1.00		63.1	40-120		10.9	30	
Aroclor 1260	0.827	0.0500	"	1.00		82.7	40-120		9.29	30	
Surrogate: Tetrachloro-m-xylene	*0.0830*		"	*0.200*		*41.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.105*		"	*0.200*		*52.5*	*30-120*				
Matrix Spike (BI31703-MS2) Matrix Spike *Source sample: 23I1352-02 (Matrix Spike)									Prepared & Analyzed: 09/27/2023		
Aroclor 1016	0.669	0.0500	ug/L	1.00	ND	66.9	40-140				
Aroclor 1260	0.754	0.0500	"	1.00	ND	75.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0660*		"	*0.200*		*33.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.106*		"	*0.200*		*53.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31703 - EPA SW846-3510C Low Level											
Matrix Spike Dup (BI31703-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/27/2023		
Aroclor 1016	0.511	0.0500	ug/L	1.00	ND	51.1	40-140		26.7	50	
Aroclor 1260	0.574	0.0500	"	1.00	ND	57.4	40-140		27.0	50	
Surrogate: Tetrachloro-m-xylene	*0.0600*		"	*0.200*		*30.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0820*		"	*0.200*		*41.0*	*30-120*				
Batch BI31881 - EPA 3550C											
Blank (BI31881-BLK2) Blank									Prepared & Analyzed: 09/29/2023		
Aroclor 1016 [2C]	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	*0.0527*		"	*0.0667*		*79.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0360*		"	*0.0667*		*54.0*	*30-140*				
LCS (BI31881-BS2) LCS									Prepared & Analyzed: 09/29/2023		
Aroclor 1016 [2C]	0.316	0.0167	mg/kg wet	0.333		94.7	40-130				
Aroclor 1260	0.278	0.0167	"	0.333		83.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0427*		"	*0.0667*		*64.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0277*		"	*0.0667*		*41.5*	*30-140*				
Matrix Spike (BI31881-MS2) Matrix Spike	*Source sample: 23I1404-06 (SB04_10-12)								Prepared: 09/29/2023 Analyzed: 09/30/2023		
Aroclor 1016 [2C]	0.293	0.0175	mg/kg dry	0.350	ND	83.6	40-140				
Aroclor 1260	0.265	0.0175	"	0.350	ND	75.7	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0389*		"	*0.0700*		*55.5*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0287*		"	*0.0700*		*41.0*	*30-140*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31881 - EPA 3550C											
Matrix Spike Dup (BI31881-M Matrix Spike Dup	*Source sample: 23I1404-06 (SB04_10-12)								Prepared: 09/29/2023 Analyzed: 09/30/2023		
Aroclor 1016 [2C]	0.259	0.0177	mg/kg dry	0.355	ND	73.0	40-140		12.2	50	
Aroclor 1260	0.227	0.0177	"	0.355	ND	64.0	40-140		15.5	50	
Surrogate: Tetrachloro-m-xylene	*0.0355*		*"*	*0.0710*		*50.0*	*30-140*				
Surrogate: Decachlorobiphenyl	*0.0248*		*"*	*0.0710*		*35.0*	*30-140*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31701 - EPA 3550C/8151A											
Blank (BI31701-BLK1) Blank								Prepared & Analyzed: 09/27/2023			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.386*		*"*	*0.417*		*92.6*	*21-150*				
LCS (BI31701-BS1) LCS								Prepared & Analyzed: 09/27/2023			
2,4,5-T	0.0967	0.0200	mg/kg wet	0.133		72.5	10-120				
2,4,5-TP (Silvex)	0.108	0.0200	"	0.133		80.6	10-120				
2,4-D	0.118	0.0200	"	0.133		88.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.374*		*"*	*0.417*		*89.8*	*21-150*				
Matrix Spike (BI31701-MS1) Matrix Spike *Source sample: 23I1345-04 (Matrix Spike)								Prepared & Analyzed: 09/27/2023			
2,4,5-T	0.0914	0.0203	mg/kg dry	0.135	ND	67.5	10-120				
2,4,5-TP (Silvex)	0.101	0.0203	"	0.135	ND	74.4	10-120				
2,4-D	0.102	0.0203	"	0.135	ND	75.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.376*		*"*	*0.423*		*88.8*	*21-150*				
Matrix Spike Dup (BI31701-M Matrix Spike Dup *Source sample: 23I1345-04 (Matrix Spike Dup)								Prepared & Analyzed: 09/27/2023			
2,4,5-T	0.0885	0.0200	mg/kg dry	0.134	ND	66.3	10-120		3.19	35	
2,4,5-TP (Silvex)	0.100	0.0200	"	0.134	ND	75.0	10-120		0.488	35	
2,4-D	0.145	0.0200	"	0.134	ND	109	10-118		34.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.354*		*"*	*0.417*		*84.8*	*21-150*				
Batch BI31786 - EPA 8151A											
Blank (BI31786-BLK1) Blank								Prepared: 09/28/2023 Analyzed: 09/29/2023			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*57.5*		*"*	*125*		*46.0*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31786 - EPA 8151A											
LCS (BI31786-BS1) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	14.2	5.00	ug/L	40.0		35.6	10-140				
2,4,5-TP (Silvex)	17.0	5.00	"	40.0		42.5	10-139				
2,4-D	16.8	5.00	"	40.0		41.9	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*61.5*		*"*	*125*		*49.2*	*30-150*				
LCS Dup (BI31786-BSD1) LCS Dup									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	16.0	5.00	ug/L	40.0		40.0	10-140		11.6	30	
2,4,5-TP (Silvex)	19.8	5.00	"	40.0		49.4	10-139		15.0	30	
2,4-D	21.2	5.00	"	40.0		53.1	10-140		23.7	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*73.5*		*"*	*125*		*58.8*	*30-150*				
Batch BI31794 - EPA 3550C/8151A											
Blank (BI31794-BLK1) Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.323*		*"*	*0.415*		*77.8*	*21-150*				
LCS (BI31794-BS1) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	0.0590	0.0199	mg/kg wet	0.133		44.4	10-120				
2,4,5-TP (Silvex)	0.0789	0.0199	"	0.133		59.4	10-120				
2,4-D	0.0748	0.0199	"	0.133		56.2	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.293*		*"*	*0.415*		*70.6*	*21-150*				
Matrix Spike (BI31794-MS1) Matrix Spike *Source sample: 23I1501-02 (Matrix Spike)									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	0.0690	0.0230	mg/kg dry	0.153	ND	45.0	10-120				
2,4,5-TP (Silvex)	0.0863	0.0230	"	0.153	ND	56.2	10-120				
2,4-D	0.0815	0.0230	"	0.153	ND	53.1	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.347*		*"*	*0.479*		*72.4*	*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 BI31794 - EPA 3550C/8151A											
Matrix Spike Dup (BI31794-M Matrix Spike Dup	*Source sample: 23I1501-02 (Matrix Spike Dup)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	0.0726	0.0229	mg/kg dry	0.153	ND	47.5	10-120		5.07	35	
2,4,5-TP (Silvex)	0.0965	0.0229	"	0.153	ND	63.1	10-120		11.2	35	
2,4-D	0.0946	0.0229	"	0.153	ND	61.9	10-118		14.9	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.362*		*"*	*0.478*		*75.8*	*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 BI31667 - EPA 3050B											
Blank (BI31667-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	5.95	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BI31667-DUP1) Duplicate	*Source sample: 23I1600-23 (Duplicate)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	7870	4.77	mg/kg dry		7420				5.78	35	
Antimony	6.74	2.39	"		6.25				7.53	35	
Arsenic	26.0	1.43	"		21.3				19.7	35	
Barium	101	2.38	"		78.7				24.4	35	
Beryllium	0.161	0.048	"		0.147				8.86	35	
Cadmium	0.335	0.286	"		0.472				34.0	35	
Calcium	3250	4.77	"		2210				37.9	35	Non-dir.
Chromium	16.9	0.478	"		16.5				2.29	35	
Cobalt	7.79	0.381	"		7.50				3.85	35	
Copper	80.2	1.91	"		71.7				11.3	35	
Iron	17400	23.9	"		15900				9.20	35	
Lead	204	0.478	"		189				7.74	35	
Magnesium	3310	4.78	"		2630				22.9	35	
Manganese	242	0.478	"		238				1.64	35	
Nickel	26.2	0.951	"		21.1				21.9	35	
Potassium	1270	4.78	"		1220				3.75	35	
Selenium	ND	2.39	"		ND					35	
Silver	ND	0.481	"		ND					35	
Sodium	120	47.7	"		121				0.805	35	
Thallium	6.98	2.39	"		5.31				27.2	35	
Vanadium	33.5	0.951	"		24.6				30.8	35	
Zinc	327	2.38	"		314				4.10	35	

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 BI31667 - EPA 3050B											
Matrix Spike (BI31667-MS1) Matrix Spike	*Source sample: 23I1600-23 (Matrix Spike)							Prepared: 09/26/2023 Analyzed: 09/28/2023			
Aluminum	8280	4.77	mg/kg dry	191	7420	448	75-125	High Bias			
Antimony	13.0	2.39	"	23.9	6.25	28.2	75-125	Low Bias			
Arsenic	215	1.43	"	191	21.3	102	75-125				
Barium	297	2.38	"	191	78.7	114	75-125				
Beryllium	5.10	0.048	"	4.77	0.147	104	75-125				
Cadmium	5.37	0.286	"	4.77	0.472	103	75-125				
Calcium	3640	4.77	"	95.5	2210	NR	75-125	High Bias			
Chromium	35.3	0.478	"	19.1	16.5	98.1	75-125				
Cobalt	59.3	0.381	"	47.7	7.50	109	75-125				
Copper	114	1.91	"	23.9	71.7	176	75-125	High Bias			
Iron	17800	23.9	"	95.5	15900	NR	75-125	High Bias			
Lead	239	0.478	"	47.7	189	105	75-125				
Magnesium	3380	4.78	"	95.5	2630	784	75-125	High Bias			
Manganese	331	0.478	"	47.7	238	196	75-125	High Bias			
Nickel	68.1	0.951	"	47.7	21.1	98.5	75-125				
Potassium	1450	4.78	"	95.5	1220	241	75-125	High Bias			
Selenium	134	2.39	"	191	ND	70.0	75-125	Low Bias			
Silver	1.18	0.481	"	4.77	ND	24.8	75-125	Low Bias			
Sodium	245	47.7	"	95.5	121	130	75-125	High Bias			
Thallium	212	2.39	"	191	5.31	108	75-125				
Vanadium	73.4	0.951	"	47.7	24.6	102	75-125				
Zinc	345	2.38	"	47.7	314	66.2	75-125	Low Bias			
Post Spike (BI31667-PS1) Post Spike	*Source sample: 23I1600-23 (Post Spike)							Prepared: 09/26/2023 Analyzed: 09/28/2023			
Aluminum	78.6		ug/mL	2.00	77.8	42.3	75-125	Low Bias			
Antimony	0.312		"	0.250	0.065	98.8	75-125				
Arsenic	2.16		"	2.00	0.224	96.8	75-125				
Barium	2.92		"	2.00	0.824	105	75-125				
Beryllium	0.051		"	0.0500	0.002	97.9	75-125				
Cadmium	0.055		"	0.0500	0.005	100	75-125				
Calcium	23.5		"	1.00	23.2	34.8	75-125	Low Bias			
Chromium	0.366		"	0.200	0.173	96.2	75-125				
Cobalt	0.598		"	0.500	0.079	104	75-125				
Copper	1.05		"	0.250	0.751	120	75-125				
Iron	163		"	1.00	166	NR	75-125	Low Bias			
Lead	2.47		"	0.500	1.98	99.1	75-125				
Magnesium	27.5		"	1.00	27.6	NR	75-125	Low Bias			
Manganese	2.87		"	0.500	2.49	76.2	75-125				
Nickel	0.697		"	0.500	0.221	95.2	75-125				
Potassium	13.2		"	1.00	12.8	43.7	75-125	Low Bias			
Selenium	1.40		"	2.00	-0.226	69.9	75-125	Low Bias			
Silver	0.015		"	0.0500	-0.037	29.1	75-125	Low Bias			
Sodium	2.32		"	1.00	1.26	105	75-125				
Thallium	2.17		"	2.00	0.056	106	75-125				
Vanadium	0.767		"	0.500	0.257	102	75-125				
Zinc	3.59		"	0.500	3.29	61.3	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 BI31667 - EPA 3050B											
Reference (BI31667-SRM1) Reference									Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	9930	4.17	mg/kg wet	10000		99.3	43.7-129				
Antimony	75.2	2.08	"	270		27.9	10-132.6				
Arsenic	197	1.25	"	218		90.3	57.8-110.1				
Barium	403	2.08	"	388		104	68.3-113.9				
Beryllium	154	0.042	"	165		93.5	69.1-115.8				
Cadmium	110	0.250	"	118		93.5	67-111.9				
Calcium	5790	4.17	"	5860		98.8	66.7-115.7				
Chromium	247	0.417	"	255		96.8	63.5-118.4				
Cobalt	179	0.333	"	182		98.4	68.7-114.3				
Copper	141	1.67	"	135		104	69-114.8				
Iron	8630	20.8	"	8860		97.4	10.3-172.7				
Lead	157	0.417	"	155		102	67.7-119.4				
Magnesium	2330	4.17	"	2380		97.7	54.6-125.6				
Manganese	447	0.417	"	446		100	70.4-114.3				
Nickel	132	0.830	"	120		110	63.2-117.5				
Potassium	1900	4.17	"	1960		97.1	50.1-127				
Selenium	75.2	2.08	"	107		70.3	58.3-121.5				
Silver	45.1	0.420	"	51.0		88.5	64.7-120.8				
Sodium	498	41.7	"	519		95.9	52.6-125.6				
Thallium	181	2.08	"	188		96.1	64.9-117.6				
Vanadium	127	0.830	"	133		95.3	61.6-115.8				
Zinc	384	2.08	"	406		94.5	63.8-118.2				
Batch BI31668 - EPA 3050B											
Blank (BI31668-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/29/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	14.4	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

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 BI31668 - EPA 3050B											
Duplicate (BI31668-DUP1) Duplicate	*Source sample: 23I1547-08 (Duplicate)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	6410	4.36	mg/kg dry		6770				5.38	35	
Antimony	3.52	2.18	"		3.72				5.44	35	
Arsenic	5.60	1.31	"		5.92				5.52	35	
Barium	38.7	2.18	"		41.2				6.27	35	
Beryllium	ND	0.044	"		ND					35	
Cadmium	ND	0.262	"		ND					35	
Calcium	3130	4.36	"		2340				29.0	35	
Chromium	14.4	0.437	"		14.1				2.18	35	
Cobalt	5.35	0.349	"		5.40				0.864	35	
Copper	13.9	1.75	"		13.5				2.88	35	
Iron	10700	21.8	"		10800				1.37	35	
Lead	14.1	0.437	"		11.1				24.2	35	
Magnesium	1940	4.37	"		1890				2.37	35	
Manganese	258	0.437	"		267				3.75	35	
Nickel	12.4	0.869	"		12.3				0.615	35	
Potassium	1000	4.37	"		1120				11.0	35	
Selenium	ND	2.18	"		ND					35	
Silver	ND	0.440	"		ND					35	
Sodium	120	43.6	"		122				1.36	35	
Thallium	ND	2.18	"		ND					35	
Vanadium	17.9	0.869	"		17.6				2.18	35	
Zinc	25.7	2.17	"		27.9				8.24	35	
Matrix Spike (BI31668-MS1) Matrix Spike	*Source sample: 23I1547-08 (Matrix Spike)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	7250	4.36	mg/kg dry	174	6770	277	75-125	High Bias			
Antimony	10.0	2.18	"	21.8	3.72	28.9	75-125	Low Bias			
Arsenic	183	1.31	"	174	5.92	102	75-125				
Barium	239	2.18	"	174	41.2	114	75-125				
Beryllium	4.50	0.044	"	4.36	ND	103	75-125				
Cadmium	4.66	0.262	"	4.36	ND	107	75-125				
Calcium	3690	4.36	"	87.2	2340	NR	75-125	High Bias			
Chromium	32.4	0.437	"	17.4	14.1	105	75-125				
Cobalt	54.8	0.349	"	43.6	5.40	113	75-125				
Copper	41.6	1.75	"	21.8	13.5	129	75-125	High Bias			
Iron	11100	21.8	"	87.2	10800	339	75-125	High Bias			
Lead	65.3	0.437	"	43.6	11.1	124	75-125				
Magnesium	2170	4.37	"	87.2	1890	323	75-125	High Bias			
Manganese	394	0.437	"	43.6	267	291	75-125	High Bias			
Nickel	58.7	0.869	"	43.6	12.3	106	75-125				
Potassium	1200	4.37	"	87.2	1120	94.2	75-125				
Selenium	130	2.18	"	174	ND	74.5	75-125	Low Bias			
Silver	1.32	0.440	"	4.36	ND	30.3	75-125	Low Bias			
Sodium	225	43.6	"	87.2	122	118	75-125				
Thallium	179	2.18	"	174	ND	103	75-125				
Vanadium	66.9	0.869	"	43.6	17.6	113	75-125				
Zinc	72.4	2.17	"	43.6	27.9	102	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 BI31668 - EPA 3050B											
Post Spike (BI31668-PS1) Post Spike	*Source sample: 23I1547-08 (Post Spike)								Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	74.8		ug/mL	2.00	77.6	NR	75-125	Low Bias			
Antimony	0.289		"	0.250	0.043	98.4	75-125				
Arsenic	2.00		"	2.00	0.068	96.5	75-125				
Barium	2.56		"	2.00	0.473	104	75-125				
Beryllium	0.050		"	0.0500	-0.002	101	75-125				
Cadmium	0.050		"	0.0500	0.00008	99.7	75-125				
Calcium	26.4		"	1.00	26.8	NR	75-125	Low Bias			
Chromium	0.349		"	0.200	0.162	93.7	75-125				
Cobalt	0.582		"	0.500	0.062	104	75-125				
Copper	0.424		"	0.250	0.155	108	75-125				
Iron	119		"	1.00	124	NR	75-125	Low Bias			
Lead	0.620		"	0.500	0.127	98.6	75-125				
Magnesium	21.4		"	1.00	21.7	NR	75-125	Low Bias			
Manganese	3.40		"	0.500	3.06	67.1	75-125	Low Bias			
Nickel	0.654		"	0.500	0.141	103	75-125				
Potassium	13.3		"	1.00	12.8	47.7	75-125	Low Bias			
Selenium	1.42		"	2.00	-0.165	71.1	75-125	Low Bias			
Silver	0.011		"	0.0500	-0.039	21.7	75-125	Low Bias			
Sodium	2.45		"	1.00	1.40	106	75-125				
Thallium	1.94		"	2.00	0.016	96.3	75-125				
Vanadium	0.703		"	0.500	0.201	100	75-125				
Zinc	0.783		"	0.500	0.320	92.5	75-125				
Reference (BI31668-SRM1) Reference									Prepared: 09/26/2023 Analyzed: 09/28/2023		
Aluminum	11900	4.17	mg/kg wet	10000		119	43.7-129				
Antimony	71.9	2.08	"	270		26.6	10-132.6				
Arsenic	191	1.25	"	218		87.5	57.8-110.1				
Barium	411	2.08	"	388		106	68.3-113.9				
Beryllium	155	0.042	"	165		94.1	69.1-115.8				
Cadmium	110	0.250	"	118		93.1	67-111.9				
Calcium	5910	4.17	"	5860		101	66.7-115.7				
Chromium	255	0.417	"	255		100	63.5-118.4				
Cobalt	183	0.333	"	182		100	68.7-114.3				
Copper	150	1.67	"	135		111	69-114.8				
Iron	9620	20.8	"	8860		109	10.3-172.7				
Lead	158	0.417	"	155		102	67.7-119.4				
Magnesium	2540	4.17	"	2380		107	54.6-125.6				
Manganese	478	0.417	"	446		107	70.4-114.3				
Nickel	133	0.830	"	120		111	63.2-117.5				
Potassium	2220	4.17	"	1960		113	50.1-127				
Selenium	70.2	2.08	"	107		65.6	58.3-121.5				
Silver	47.0	0.420	"	51.0		92.1	64.7-120.8				
Sodium	547	41.7	"	519		105	52.6-125.6				
Thallium	170	2.08	"	188		90.6	64.9-117.6				
Vanadium	137	0.830	"	133		103	61.6-115.8				
Zinc	383	2.08	"	406		94.3	63.8-118.2				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31702 - EPA 3015A											
Blank (BI31702-BLK1) Blank										Prepared: 09/27/2023 Analyzed: 09/28/2023	
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BI31702-BS1) LCS										Prepared: 09/27/2023 Analyzed: 09/28/2023	
Aluminum - Dissolved	2.08		ug/mL	2.00		104	80-120				
Barium - Dissolved	2.05		"	2.00		102	80-120				
Calcium - Dissolved	1.08		"	1.00		108	80-120				
Chromium - Dissolved	0.199		"	0.200		99.4	80-120				
Cobalt - Dissolved	0.493		"	0.500		98.6	80-120				
Copper - Dissolved	0.268		"	0.250		107	80-120				
Iron - Dissolved	1.07		"	1.00		107	80-120				
Lead - Dissolved	0.501		"	0.500		100	80-120				
Magnesium - Dissolved	1.05		"	1.00		105	80-120				
Manganese - Dissolved	0.514		"	0.500		103	80-120				
Nickel - Dissolved	0.515		"	0.500		103	80-120				
Potassium - Dissolved	0.986		"	1.00		98.6	80-120				
Silver - Dissolved	0.0446		"	0.0500		89.3	80-120				
Sodium - Dissolved	1.11		"	1.00		111	80-120				
Vanadium - Dissolved	0.503		"	0.500		101	80-120				
Zinc - Dissolved	0.484		"	0.500		96.8	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31702 - EPA 3015A											
Duplicate (BI31702-DUP1) Duplicate	*Source sample: 23I1523-02 (Duplicate)								Prepared: 09/27/2023 Analyzed: 09/28/2023		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.275	0.0278	"		0.272				0.995	20	
Calcium - Dissolved	113	0.0556	"		111				2.41	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	29.2	0.0556	"		28.3				2.97	20	
Manganese - Dissolved	0.491	0.00556	"		0.489				0.300	20	
Nickel - Dissolved	0.0111	0.0111	"		0.0127					20	
Potassium - Dissolved	4.77	0.0556	"		4.62				3.15	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	303	0.556	"		292				3.82	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BI31702-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/27/2023		
Aluminum - Dissolved	2.36	0.0556	mg/L	2.22	ND	106	75-125				
Barium - Dissolved	2.67	0.0278	"	2.22	0.272	108	75-125				
Calcium - Dissolved	117	0.0556	"	1.11	111	557	75-125	High Bias			
Chromium - Dissolved	0.233	0.00556	"	0.222	ND	105	75-125				
Cobalt - Dissolved	0.591	0.00444	"	0.556	ND	106	75-125				
Copper - Dissolved	0.318	0.0222	"	0.278	ND	115	75-125				
Iron - Dissolved	1.24	0.278	"	1.11	ND	111	75-125				
Lead - Dissolved	0.569	0.00556	"	0.556	ND	102	75-125				
Magnesium - Dissolved	30.6	0.0556	"	1.11	28.3	203	75-125	High Bias			
Manganese - Dissolved	1.10	0.00556	"	0.556	0.489	111	75-125				
Nickel - Dissolved	0.609	0.0111	"	0.556	0.0127	107	75-125				
Potassium - Dissolved	5.56	0.0556	"	1.11	4.62	83.9	75-125				
Silver - Dissolved	0.0548	0.00556	"	0.0556	ND	98.7	75-125				
Sodium - Dissolved	297	0.556	"	1.11	292	453	75-125	High Bias			
Vanadium - Dissolved	0.599	0.0111	"	0.556	ND	108	75-125				
Zinc - Dissolved	0.615	0.0278	"	0.556	ND	111	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 BI31702 - EPA 3015A											
Post Spike (BI31702-PS1) Post Spike	*Source sample: 23I1523-02 (Post Spike)							Prepared: 09/27/2023 Analyzed: 09/28/2023			
Aluminum - Dissolved	1.99		ug/mL	2.00	0.0304	98.2	75-125				
Barium - Dissolved	2.15		"	2.00	0.245	95.1	75-125				
Calcium - Dissolved	102		"	1.00	99.7	237	75-125	High Bias			
Chromium - Dissolved	0.184		"	0.200	0.00318	90.2	75-125				
Cobalt - Dissolved	0.458		"	0.500	0.00220	91.2	75-125				
Copper - Dissolved	0.269		"	0.250	0.00216	107	75-125				
Iron - Dissolved	1.07		"	1.00	0.0577	101	75-125				
Lead - Dissolved	0.445		"	0.500	-0.00737	89.0	75-125				
Magnesium - Dissolved	27.9		"	1.00	25.5	246	75-125	High Bias			
Manganese - Dissolved	0.922		"	0.500	0.440	96.3	75-125				
Nickel - Dissolved	0.493		"	0.500	0.0114	96.4	75-125				
Potassium - Dissolved	5.45		"	1.00	4.16	129	75-125	High Bias			
Silver - Dissolved	0.0414		"	0.0500	0.00269	77.5	75-125				
Sodium - Dissolved	271		"	1.00	263	840	75-125	High Bias			
Vanadium - Dissolved	0.482		"	0.500	-0.000247	96.4	75-125				
Zinc - Dissolved	0.461		"	0.500	0.0130	89.6	75-125				
Batch BI31790 - EPA 3015A											
Blank (BI31790-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

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 BI31790 - EPA 3015A											
LCS (BI31790-BS1) LCS								Prepared & Analyzed: 09/28/2023			
Aluminum	2.02		ug/mL	2.00		101	80-120				
Barium	2.12		"	2.00		106	80-120				
Calcium	1.12		"	1.00		112	80-120				
Chromium	0.204		"	0.200		102	80-120				
Cobalt	0.522		"	0.500		104	80-120				
Copper	0.283		"	0.250		113	80-120				
Iron	1.06		"	1.00		106	80-120				
Lead	0.513		"	0.500		103	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.530		"	0.500		106	80-120				
Nickel	0.526		"	0.500		105	80-120				
Potassium	0.905		"	1.00		90.5	80-120				
Silver	0.0450		"	0.0500		90.0	80-120				
Sodium	1.04		"	1.00		104	80-120				
Vanadium	0.518		"	0.500		104	80-120				
Zinc	0.506		"	0.500		101	80-120				
Duplicate (BI31790-DUP1) Duplicate	*Source sample: 23I1523-02 (Duplicate)							Prepared & Analyzed: 09/28/2023			
Aluminum	0.0631	0.0556	mg/L		0.0646				2.38	20	
Barium	0.287	0.0278	"		0.288				0.162	20	
Calcium	118	0.0556	"		110				6.42	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	2.33	0.278	"		2.20				5.98	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	30.4	0.0556	"		29.4				3.55	20	
Manganese	0.508	0.00556	"		0.509				0.0689	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	5.03	0.0556	"		4.69				6.95	20	
Silver	ND	0.00556	"		ND					20	
Sodium	308	0.556	"		289				6.42	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0304	0.0278	"		0.0278					20	

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 BI31790 - EPA 3015A											
Matrix Spike (BI31790-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
Aluminum	2.54	0.0556	mg/L	2.22	0.0646	111	75-125				
Barium	2.64	0.0278	"	2.22	0.288	106	75-125				
Calcium	114	0.0556	"	1.11	110	331	75-125	High Bias			
Chromium	0.231	0.00556	"	0.222	ND	104	75-125				
Cobalt	0.570	0.00444	"	0.556	ND	103	75-125				
Copper	0.328	0.0222	"	0.278	ND	118	75-125				
Iron	3.38	0.278	"	1.11	2.20	107	75-125				
Lead	0.550	0.00556	"	0.556	ND	98.9	75-125				
Magnesium	30.9	0.0556	"	1.11	29.4	140	75-125	High Bias			
Manganese	1.09	0.00556	"	0.556	0.509	104	75-125				
Nickel	0.611	0.0111	"	0.556	ND	110	75-125				
Potassium	5.84	0.0556	"	1.11	4.69	103	75-125				
Silver	0.0511	0.00556	"	0.0556	ND	92.0	75-125				
Sodium	293	0.556	"	1.11	289	369	75-125	High Bias			
Vanadium	0.595	0.0111	"	0.556	ND	107	75-125				
Zinc	0.582	0.0278	"	0.556	0.0278	105	75-125				
Post Spike (BI31790-PS1) Post Spike	*Source sample: 23I1523-02 (Post Spike)							Prepared & Analyzed: 09/28/2023			
Aluminum	2.27		ug/mL	2.00	0.0581	111	75-125				
Barium	2.35		"	2.00	0.259	105	75-125				
Calcium	103		"	1.00	99.3	370	75-125	High Bias			
Chromium	0.203		"	0.200	0.00374	99.9	75-125				
Cobalt	0.513		"	0.500	0.00169	102	75-125				
Copper	0.289		"	0.250	0.00606	113	75-125				
Iron	3.04		"	1.00	1.98	107	75-125				
Lead	0.492		"	0.500	-0.0000423	98.3	75-125				
Magnesium	28.0		"	1.00	26.4	156	75-125	High Bias			
Manganese	0.971		"	0.500	0.458	103	75-125				
Nickel	0.539		"	0.500	0.00534	107	75-125				
Potassium	5.40		"	1.00	4.22	118	75-125				
Silver	0.0447		"	0.0500	0.00202	85.4	75-125				
Sodium	262		"	1.00	260	243	75-125	High Bias			
Vanadium	0.535		"	0.500	0.00310	106	75-125				
Zinc	0.527		"	0.500	0.0250	100	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31704 - EPA 3015A											
Blank (BI31704-BLK1) Blank								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BI31704-BS1) LCS								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	51.8		ug/L	50.0		104	80-120				
Arsenic - Dissolved	51.0		"	50.0		102	80-120				
Beryllium - Dissolved	58.5		"	50.0		117	80-120				
Cadmium - Dissolved	51.3		"	50.0		103	80-120				
Selenium - Dissolved	51.5		"	50.0		103	80-120				
Thallium - Dissolved	55.3		"	50.0		111	80-120				
Duplicate (BI31704-DUP1) Duplicate *Source sample: 23I1523-02 (Duplicate)								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	0.00177	0.00111	"		0.00186				4.87	20	
Beryllium - Dissolved	ND	0.000333	"		ND					20	
Cadmium - Dissolved	ND	0.000556	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BI31704-MS1) Matrix Spike *Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	51.3		ug/L	50.0	0.169	102	75-125				
Arsenic - Dissolved	58.2		"	50.0	1.67	113	75-125				
Beryllium - Dissolved	47.8		"	50.0	-0.003	95.7	75-125				
Cadmium - Dissolved	47.1		"	50.0	0.083	93.9	75-125				
Selenium - Dissolved	54.9		"	50.0	-1.33	110	75-125				
Thallium - Dissolved	54.6		"	50.0	0.003	109	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31795 - EPA 3015A											
Blank (BI31795-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BI31795-BS1) LCS								Prepared & Analyzed: 09/28/2023			
Antimony	55.1		ug/L	50.0		110	80-120				
Arsenic	50.3		"	50.0		101	80-120				
Beryllium	56.5		"	50.0		113	80-120				
Cadmium	54.2		"	50.0		108	80-120				
Selenium	56.0		"	50.0		112	80-120				
Thallium	56.1		"	50.0		112	80-120				
Duplicate (BI31795-DUP1) Duplicate *Source sample: 23I1523-02 (Duplicate)								Prepared & Analyzed: 09/28/2023			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00417	0.00111	"		0.00431				3.24	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	0.00375	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BI31795-MS1) Matrix Spike *Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/28/2023			
Antimony	47.0		ug/L	50.0	0.087	93.7	75-125				
Arsenic	60.5		"	50.0	3.88	113	75-125				
Beryllium	46.1		"	50.0	0.008	92.1	75-125				
Cadmium	44.6		"	50.0	0.083	89.0	75-125				
Selenium	69.2		"	50.0	-1.68	138	75-125	High Bias			
Thallium	53.7		"	50.0	0.003	107	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31572 - EPA SW846-7470A												
Blank (BI31572-BLK1)	Blank								Prepared & Analyzed: 09/25/2023			
Mercury		ND	0.0002	mg/L								
LCS (BI31572-BS1)	LCS								Prepared & Analyzed: 09/25/2023			
Mercury		0.0019754	0.0002	mg/L	0.00200		98.8	80-120				
Duplicate (BI31572-DUP1)	Duplicate	*Source sample: 23I1352-02 (Duplicate)							Prepared & Analyzed: 09/25/2023			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BI31572-MS1)	Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)							Prepared & Analyzed: 09/25/2023			
Mercury		0.0016	0.0002	mg/L	0.00200	ND	78.0	75-125				
Matrix Spike Dup (BI31572-M	Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/25/2023			
Mercury		0.0016	0.0002	mg/L	0.00200	ND	77.8	75-125		0.225	200	
Batch BI31736 - EPA 7473 soil												
Blank (BI31736-BLK1)	Blank								Prepared & Analyzed: 09/27/2023			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI31736-DUP1)	Duplicate	*Source sample: 23I1200-02 (Duplicate)							Prepared & Analyzed: 09/27/2023			
Mercury		0.411	0.0364	mg/kg dry		0.565				31.5	35	
Matrix Spike (BI31736-MS1)	Matrix Spike	*Source sample: 23I1200-02 (Matrix Spike)							Prepared & Analyzed: 09/27/2023			
Mercury		1.07		mg/kg	0.500	0.466	120	75-125				
Reference (BI31736-SRM1)	Reference								Prepared & Analyzed: 09/27/2023			
Mercury		19.680		mg/kg	18.2		108	59.9-140.1				

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 BI31842 - EPA 7473 soil												
Blank (BI31842-BLK1)	Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BI31842-DUP1)	Duplicate	*Source sample: 23I1404-05 (SB04_0-2)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
Mercury		0.0738	0.0330	mg/kg dry		0.0835				12.3	35	
Matrix Spike (BI31842-MS1)	Matrix Spike	*Source sample: 23I1404-05 (SB04_0-2)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
Mercury		0.605		mg/kg	0.500	0.0758	106	75-125				
Reference (BI31842-SRM1)	Reference									Prepared: 09/28/2023 Analyzed: 09/29/2023		
Mercury		18.730		mg/kg	18.2		103	59.9-140.1				
Batch BI31851 - EPA SW846-7470A												
Blank (BI31851-BLK1)	Blank									Prepared & Analyzed: 09/28/2023		
Mercury - Dissolved		ND	0.0002	mg/L								
Blank (BI31851-BLK2)	Blank									Prepared & Analyzed: 09/28/2023		
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BI31851-BS1)	LCS									Prepared & Analyzed: 09/28/2023		
Mercury - Dissolved		0.0019	0.0002	mg/L	0.00200		93.5	80-120				
LCS (BI31851-BS2)	LCS									Prepared & Analyzed: 09/28/2023		
Mercury - Dissolved		0.0020	0.0002	mg/L	0.00200		101	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31385 - Analysis Preparation												
Blank (BI31385-BLK1)	Blank									Prepared & Analyzed: 09/21/2023		
Chromium, Hexavalent		ND	10.0	ug/L								
LCS (BI31385-BS1)	LCS									Prepared & Analyzed: 09/21/2023		
Chromium, Hexavalent		500	10.0	ug/L	500		100	85-115				
Duplicate (BI31385-DUP1)	Duplicate	*Source sample: 23I1404-01 (MW03_092123)								Prepared & Analyzed: 09/21/2023		
Chromium, Hexavalent		ND	10.0	ug/L		ND					20	
Matrix Spike (BI31385-MS1)	Matrix Spike	*Source sample: 23I1404-01 (MW03_092123)								Prepared & Analyzed: 09/21/2023		
Chromium, Hexavalent		497	10.0	ug/L	500	ND	99.4	85-115				
Matrix Spike Dup (BI31385-M	Matrix Spike Dup	*Source sample: 23I1404-01 (MW03_092123)								Prepared & Analyzed: 09/21/2023		
Chromium, Hexavalent		492	10.0	ug/L	500	ND	98.4	85-115		1.01	200	
Batch BI31445 - Analysis Preparation												
Blank (BI31445-BLK1)	Blank									Prepared & Analyzed: 09/22/2023		
Cyanide, total		ND	10.0	ug/L								
LCS (BI31445-BS1)	LCS									Prepared & Analyzed: 09/22/2023		
Cyanide, total		183	10.0	ug/L	200		91.5	80-120				
Duplicate (BI31445-DUP1)	Duplicate	*Source sample: 23I1424-04 (Duplicate)								Prepared & Analyzed: 09/22/2023		
Cyanide, total		169	10.0	ug/L		194				13.8	15	
Matrix Spike (BI31445-MS1)	Matrix Spike	*Source sample: 23I1424-04 (Matrix Spike)								Prepared & Analyzed: 09/22/2023		
Cyanide, total		307	10.0	ug/L	200	194	56.5	79-105	Low Bias			

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 BI31445 - Analysis Preparation											
Matrix Spike Dup (BI31445-M Matrix Spike Dup	*Source sample: 23I1424-04 (Matrix Spike Dup)									Prepared & Analyzed: 09/22/2023	
Cyanide, total	314	10.0	ug/L	200	194	60.0	79-105	Low Bias	2.25	200	
Batch BI31450 - Analysis Preparation											
Blank (BI31450-BLK1) Blank										Prepared & Analyzed: 09/22/2023	
Chromium, Hexavalent	ND	10.0	ug/L								
LCS (BI31450-BS1) LCS										Prepared & Analyzed: 09/22/2023	
Chromium, Hexavalent	512	10.0	ug/L	500		102	85-115				
Duplicate (BI31450-DUP1) Duplicate	*Source sample: 23I1404-10 (SOFB01_092123)									Prepared & Analyzed: 09/22/2023	
Chromium, Hexavalent	ND	10.0	ug/L		ND					20	
Matrix Spike (BI31450-MS1) Matrix Spike	*Source sample: 23I1404-10 (SOFB01_092123)									Prepared & Analyzed: 09/22/2023	
Chromium, Hexavalent	505	10.0	ug/L	500	ND	101	85-115				
Matrix Spike Dup (BI31450-M Matrix Spike Dup	*Source sample: 23I1404-10 (SOFB01_092123)									Prepared & Analyzed: 09/22/2023	
Chromium, Hexavalent	502	10.0	ug/L	500	ND	100	85-115		0.596	200	
Batch BI31530 - Analysis Preparation Soil											
Blank (BI31530-BLK1) Blank										Prepared & Analyzed: 09/25/2023	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BI31530-DUP1) Duplicate	*Source sample: 23I1439-02 (Duplicate)									Prepared & Analyzed: 09/25/2023	
Cyanide, total	ND	0.618	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31530 - Analysis Preparation Soil											
Matrix Spike (BI31530-MS1) Matrix Spike *Source sample: 23I1439-02 (Matrix Spike) Prepared & Analyzed: 09/25/2023											
Cyanide, total	10.3	0.618	mg/kg dry	12.4	ND	83.0	79.6-107				
Matrix Spike Dup (BI31530-M Matrix Spike Dup *Source sample: 23I1439-02 (Matrix Spike Dup) Prepared & Analyzed: 09/25/2023											
Cyanide, total	8.84	0.618	mg/kg dry	12.4	ND	71.5	79.6-107	Low Bias	14.9	200	
Reference (BI31530-SRM1) Reference Prepared & Analyzed: 09/25/2023											
Cyanide, total	126		ug/mL	131		96.5	44.4-156.5				
Batch BI31617 - EPA SW846-3060											
Blank (BI31617-BLK1) Blank Prepared & Analyzed: 09/26/2023											
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BI31617-DUP1) Duplicate *Source sample: 23I1404-06 (SB04_10-12) Prepared & Analyzed: 09/26/2023											
Chromium, Hexavalent	ND	0.534	mg/kg dry		ND					35	
Matrix Spike (BI31617-MS1) Matrix Spike *Source sample: 23I1404-06 (SB04_10-12) Prepared & Analyzed: 09/26/2023											
Chromium, Hexavalent	15.5	0.534	mg/kg dry	21.4	ND	72.4	75-125	Low Bias			
Matrix Spike Dup (BI31617-M Matrix Spike Dup *Source sample: 23I1404-06 (SB04_10-12) Prepared & Analyzed: 09/26/2023											
Chromium, Hexavalent	14.3	0.534	mg/kg dry	21.4	ND	66.8	75-125	Low Bias	8.05	200	
Reference (BI31617-SRM1) Reference Prepared & Analyzed: 09/26/2023											
Chromium, Hexavalent	152		mg/L	227		67.0	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 BI31637 - % Solids Prep											
Duplicate (BI31637-DUP1) Duplicate	*Source sample: 23I1423-10 (Duplicate)							Prepared & Analyzed: 09/26/2023			
% Solids	88.3	0.100	%		86.9				1.68	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1404-01	MW03_092123	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1404-02	SB03_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1404-03	SB03_4-6	40mL Vial with Stir Bar-Cool 4° C
23I1404-04	SB03_12-14	40mL Vial with Stir Bar-Cool 4° C
23I1404-05	SB04_0-2	40mL Vial with Stir Bar-Cool 4° C
23I1404-06	SB04_10-12	40mL Vial with Stir Bar-Cool 4° C
23I1404-07	SODUP01_092123	40mL 01_Clear Vial Cool to 4° C
23I1404-09	TB02_092123	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1404-10	SOFB01_092123	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

VOA-Re	VOA sample for re-run was taken from a bulk sample container noncompliant with SW-846 5035A due to a depletion of a proper vial during analysis. Results below 200 ug/Kg may be biased low.
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.
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%)
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. 23I1404

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: LANGAN	Company:	Company:
Address: 300 W. 31st Street NY, NY 10001	Address:	Address:
Phone.: 212-479-5400	Phone.:	Phone.:
Contact: Albert Tashji	Contact:	Contact:
E-mail: ATASHJI@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170790501

YOUR Project Name: 383 Morris Ave

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.

Roswell Lo

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 | NJDKQP
Standard Excel EDD | Deliverables | 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.
MW03_092123	GW	9/21/23	TCL/Part 375 VOCs and SVOCs, Part 375 PCBs & Pesticides, TAL/Part 375 Metals (and dissolved metals) including cyanide and hex and trivalent chromium, PFAS, 1-4 Dioxane		
~~SOFB01_092123~~	~~AQ~~	~~9/21/23 17:30~~			
SB03_0-2	S	9/21/23 10:00	TCL/Part 375 VOCs and SVOCs	-	
SB03_4-6	|	| 10:20	Part 375 PCBs & Pesticides, TAL/Part 375	X HOLD	
SB03_12-14	|	| 10:30	Metals including cyanide and Hex/Tri chromium,		
SB04_0-2	|	| 12:00	1-4-Dioxane.		
SB04_10-12	|	| 12:10	* ALL PFAS SOIL on Hold. Except SB03_0-2		
SODUP01_092123	|	| —			
PFASFB01_092123	AQ	17:40	PFAS		
TB02_092123	|	| —	VOCs		

Comments: Please cc: Datamanagement@Langan.com and LMCCONNELLE@LANGAN.COM

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: Roswell Lo / Langan — Date/Time: 9/21/23 17:40	1. Samples Received by / Company: Andrew Kachon — Date/Time: 9/21/23 17:40	2. Samples Relinquished by / Company: Andrew Kachon — Date/Time: 9/21/23
2. Samples Received by / Company: Kamin York — Date/Time: 9/21 1930	3. Samples Relinquished by / Company: Ramon — Date/Time: 9/21	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: 9/21 20:50 — Temperature: 21 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. 23I1404

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: LANGAN	Company:	Company:
Address: 300 W 31st Street NY, NY 10001	Address:	Address:
Phone.: 24-479-5400	Phone.:	Phone.:
Contact: Albert Tashji	Contact:	Contact:
E-mail: ATASHJI@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170790501

YOUR Project Name: 383 Morris Ave

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.

Roswell Lo

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 | NJDKQP
Standard Excel EDD | Deliverables | 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.
MW03_092123	GW	9/21/23	TCL/Part 375 VOCs and SVOCs, Part 375 PCBs & Pesticides, TAL/Part 375 Metals (and dissolved metals) including cyanide and Hex and Trivalent chromium, PFAS 1-4 Dioxane		
~~SOTB01_092123~~	~~AQ~~	~~9/21/23~~ 17:00 (LM)			
SB03_0-2	S	9/21/23 10:00	TCL/Part 375 VOCs and SVOCs		
SB03_4-6	|	10:20	Part 375 PCBs & Pesticides, TAL/Part 375	X HOLD	
SB03_12-14	|	10:30	Metals including cyanide and Hex/Tri chromium		
SB04_0-2	|	12:00	1-4 - Dioxane		
SB04_10-12	|	12:10	* ALL PFAS SOIL on Hold. Except SB03_0-2		
SODUP01_092123	|	—			
PFASFB01_092123	AQ	17:40	PFAS		
TB02_092123	|	—	VOCs		

Comments: Please cc: Datamanagement@Langan.com and LMCCONNELLE LANGAN.COM

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
Roswell Lo / Langan	9/21/23 17:40	Andrew Kachon	9/21/23 17:40	Andrew Kachon	9/21/23
Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Ramon York	9/21 1930	Ramon York	9/21		
Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					9/21 20:50 / 2.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Report Date: 09/29/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1425

Report Date: 09/29/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1425

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 21, 2023 and listed below. The project was identified as your project: **170790501**.

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
23I1425-01	SV01_092123	Soil Vapor	09/21/2023	09/21/2023
23I1425-02	SV02_092123	Soil Vapor	09/21/2023	09/21/2023
23I1425-03	SV03_092123	Soil Vapor	09/21/2023	09/21/2023

General Notes for York Project (SDG) No.: 23I1425

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

Approved By  **Date:** 09/29/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV01_092123 **York Sample ID:** 23I1425-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:26 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	9.0	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	13	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	9.0	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	6.7	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	12	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	8.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	13	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	9.9	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	6.7	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	7.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	12	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	8.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	9.9	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	7.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	9.9	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	12	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**170**		ug/m³	4.9	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV01_092123 **York Sample ID:** 23I1425-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:26 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	*** 2-Hexanone**	**20**		ug/m³	14	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	26	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	6.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**1300**		ug/m³	7.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	3.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	5.3	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	8.5	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	17	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	6.4	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**5.6**		ug/m³	5.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	2.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	7.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	4.4	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**30**		ug/m³	8.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	3.4	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.6	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	7.5	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	5.7	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	14	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	8.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	12	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			

Sample Information

Client Sample ID: SV01_092123 **York Sample ID:** 23I1425-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:26 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	7.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	18	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	**Isopropanol**	**17**		ug/m³	8.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	6.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	5.9	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	6.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	5.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	7.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	14	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	8.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	2.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	7.0	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**48**		ug/m³	11	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**110**		ug/m³	9.7	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:			
108-88-3	Toluene	ND		ug/m³	6.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	6.5	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	7.5	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	2.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	9.3	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV01_092123 **York Sample ID:** 23I1425-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:26 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-05-4	Vinyl acetate	ND		ug/m³	5.8	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
593-60-2	Vinyl bromide	ND		ug/m³	7.2	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	2.1	16.49	EPA TO-15	09/28/2023 12:00	09/29/2023 09:53	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV02_092123 **York Sample ID:** 23I1425-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:04 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.0	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.0	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.36	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.2	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	2.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.2	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.2	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	2.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**21**		ug/m³	1.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	*** 2-Hexanone**	**3.7**		ug/m³	2.9	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			

Sample Information

Client Sample ID: SV02_092123 **York Sample ID:** 23I1425-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:04 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**230**		ug/m³	1.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	0.78	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	Benzene	ND		ug/m³	1.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	1.9	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	2.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	3.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	1.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**2.1**		ug/m³	1.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.56	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	1.7	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	0.95	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**30**		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	0.74	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.36	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	Cyclohexane	ND		ug/m³	1.2	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	3.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	2.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
100-41-4	Ethyl Benzene	ND		ug/m³	1.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV02_092123 **York Sample ID:** 23I1425-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:04 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	3.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	Isopropanol	ND		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.3	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	2.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	n-Heptane	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	n-Hexane	ND		ug/m³	1.3	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	o-Xylene	ND		ug/m³	1.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	p- & m- Xylenes	ND		ug/m³	3.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	1.8	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.62	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.5	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**110**		ug/m³	2.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**15**		ug/m³	2.1	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:			
108-88-3	**Toluene**	**2.6**		ug/m³	1.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.4	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	Trichloroethylene	ND		ug/m³	0.48	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.4**		ug/m³	2.0	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	1.3	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV02_092123 **York Sample ID:** 23I1425-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:04 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	1.6	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.46	3.59	EPA TO-15	09/28/2023 12:00	09/29/2023 10:43	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV03_092123 **York Sample ID:** 23I1425-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:02 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	4.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**4.8**		ug/m³	3.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	4.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	5.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	3.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.68	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	5.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	3.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-93-4	1,2-Dibromoethane	ND		ug/m³	5.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	4.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-87-5	1,2-Dichloropropane	ND		ug/m³	3.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	4.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	3.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
106-99-0	1,3-Butadiene	ND		ug/m³	4.5	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	4.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	3.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	4.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
123-91-1	1,4-Dioxane	ND		ug/m³	4.9	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
78-93-3	**2-Butanone**	**48**		ug/m³	2.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
591-78-6	* 2-Hexanone	ND		ug/m³	5.6	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			

Sample Information

Client Sample ID: SV03_092123 **York Sample ID:** 23I1425-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:02 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	11	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-64-1	**Acetone**	**380**		ug/m³	3.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
107-13-1	Acrylonitrile	ND		ug/m³	1.5	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
71-43-2	**Benzene**	**34**		ug/m³	2.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
100-44-7	Benzyl chloride	ND		ug/m³	3.5	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-27-4	Bromodichloromethane	ND		ug/m³	4.6	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-25-2	Bromoform	ND		ug/m³	7.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-83-9	Bromomethane	ND		ug/m³	2.6	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-15-0	**Carbon disulfide**	**39**		ug/m³	2.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
56-23-5	**Carbon tetrachloride**	**2.1**		ug/m³	1.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-90-7	Chlorobenzene	ND		ug/m³	3.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-00-3	Chloroethane	ND		ug/m³	1.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-66-3	**Chloroform**	**7.3**		ug/m³	3.3	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
74-87-3	Chloromethane	ND		ug/m³	1.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.68	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	3.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-82-7	**Cyclohexane**	**24**		ug/m³	2.3	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
124-48-1	Dibromochloromethane	ND		ug/m³	5.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	3.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
141-78-6	* Ethyl acetate	ND		ug/m³	4.9	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.0**		ug/m³	3.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV03_092123 **York Sample ID:** 23I1425-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:02 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	CAL-E, ICVE, TO-CCV, TO-LCS-L	ug/m³	7.3	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
67-63-0	Isopropanol	ND		ug/m³	3.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
80-62-6	Methyl Methacrylate	ND		ug/m³	2.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	2.5	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-09-2	Methylene chloride	ND		ug/m³	4.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
142-82-5	**n-Heptane**	**88**		ug/m³	2.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
110-54-3	**n-Hexane**	**200**		ug/m³	2.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
95-47-6	**o-Xylene**	**3.6**		ug/m³	3.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
179601-23-1	**p- & m- Xylenes**	**7.4**		ug/m³	5.9	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
622-96-8	* p-Ethyltoluene	ND		ug/m³	3.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
115-07-1	*** Propylene**	**140**		ug/m³	1.2	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.9	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
127-18-4	**Tetrachloroethylene**	**22**		ug/m³	4.6	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
109-99-9	*** Tetrahydrofuran**	**71**		ug/m³	4.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:			
108-88-3	**Toluene**	**23**		ug/m³	2.6	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.7	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	3.1	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
79-01-6	**Trichloroethylene**	**3.3**		ug/m³	0.92	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**270**		ug/m³	3.8	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
108-05-4	Vinyl acetate	ND		ug/m³	2.4	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Sample Information

Client Sample ID: SV03_092123 **York Sample ID:** 23I1425-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1425	170790501	Soil Vapor	September 21, 2023 4:02 pm	09/21/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
593-60-2	Vinyl bromide	ND		ug/m³	3.0	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		
75-01-4	Vinyl Chloride	ND		ug/m³	0.87	6.82	EPA TO-15	09/28/2023 12:00	09/29/2023 06:27	VH
							Certifications:	NELAC-NY12058,NJDEP-NY037		

Analytical Batch Summary

Batch ID: BI31877 **Preparation Method:** EPA TO15 PREP **Prepared By:** VH

YORK Sample ID	Client Sample ID	Preparation Date
23I1425-01	SV01_092123	09/28/23
23I1425-02	SV02_092123	09/28/23
23I1425-03	SV03_092123	09/28/23
BI31877-BLK1	Blank	09/28/23
BI31877-BS1	LCS	09/28/23
BI31877-DUP1	Duplicate	09/28/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31877 - EPA TO15 PREP											
Blank (BI31877-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

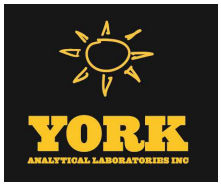
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31877 - EPA TO15 PREP											
Blank (BI31877-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BI31877-BS1) LCS									Prepared & Analyzed: 09/28/2023		
1,1,1,2-Tetrachloroethane	9.52		ppbv	10.0		95.2	70-130				
1,1,1-Trichloroethane	9.17		"	10.0		91.7	70-130				
1,1,2,2-Tetrachloroethane	9.13		"	10.0		91.3	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.36		"	10.0		93.6	70-130				
1,1,2-Trichloroethane	8.14		"	10.0		81.4	70-130				
1,1-Dichloroethane	8.90		"	10.0		89.0	70-130				
1,1-Dichloroethylene	9.51		"	10.0		95.1	70-130				
1,2,4-Trichlorobenzene	7.20		"	10.0		72.0	70-130				
1,2,4-Trimethylbenzene	9.38		"	10.0		93.8	70-130				
1,2-Dibromoethane	8.58		"	10.0		85.8	70-130				
1,2-Dichlorobenzene	8.53		"	10.0		85.3	70-130				
1,2-Dichloroethane	9.33		"	10.0		93.3	70-130				
1,2-Dichloropropane	8.16		"	10.0		81.6	70-130				
1,2-Dichlorotetrafluoroethane	11.7		"	10.0		117	70-130				
1,3,5-Trimethylbenzene	9.05		"	10.0		90.5	70-130				
1,3-Butadiene	11.2		"	10.0		112	70-130				
1,3-Dichlorobenzene	8.74		"	10.0		87.4	70-130				
1,3-Dichloropropane	8.35		"	10.0		83.5	70-130				
1,4-Dichlorobenzene	8.57		"	10.0		85.7	70-130				
1,4-Dioxane	8.27		"	10.0		82.7	70-130				
2-Butanone	8.48		"	10.0		84.8	70-130				
2-Hexanone	8.05		"	10.0		80.5	70-130				
3-Chloropropene	8.60		"	10.0		86.0	70-130				
4-Methyl-2-pentanone	8.11		"	10.0		81.1	70-130				
Acetone	7.90		"	10.0		79.0	70-130				
Acrylonitrile	8.22		"	10.0		82.2	70-130				
Benzene	8.35		"	10.0		83.5	70-130				
Benzyl chloride	8.27		"	10.0		82.7	70-130				
Bromodichloromethane	8.68		"	10.0		86.8	70-130				
Bromoform	8.99		"	10.0		89.9	70-130				
Bromomethane	7.26		"	10.0		72.6	70-130				
Carbon disulfide	9.02		"	10.0		90.2	70-130				
Carbon tetrachloride	9.65		"	10.0		96.5	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31877 - EPA TO15 PREP											
LCS (BI31877-BS1) LCS								Prepared & Analyzed: 09/28/2023			
Chlorobenzene	9.29		ppbv	10.0		92.9	70-130				
Chloroethane	9.08		"	10.0		90.8	70-130				
Chloroform	9.23		"	10.0		92.3	70-130				
Chloromethane	11.9		"	10.0		119	70-130				
cis-1,2-Dichloroethylene	9.00		"	10.0		90.0	70-130				
cis-1,3-Dichloropropylene	8.71		"	10.0		87.1	70-130				
Cyclohexane	8.83		"	10.0		88.3	70-130				
Dibromochloromethane	8.65		"	10.0		86.5	70-130				
Dichlorodifluoromethane	9.44		"	10.0		94.4	70-130				
Ethyl acetate	8.66		"	10.0		86.6	70-130				
Ethyl Benzene	9.13		"	10.0		91.3	70-130				
Hexachlorobutadiene	5.55		"	10.0		55.5	70-130	Low Bias			
Isopropanol	8.62		"	10.0		86.2	70-130				
Methyl Methacrylate	8.35		"	10.0		83.5	70-130				
Methyl tert-butyl ether (MTBE)	9.04		"	10.0		90.4	70-130				
Methylene chloride	8.75		"	10.0		87.5	70-130				
n-Heptane	8.38		"	10.0		83.8	70-130				
n-Hexane	8.87		"	10.0		88.7	70-130				
o-Xylene	9.16		"	10.0		91.6	70-130				
p- & m- Xylenes	18.8		"	20.0		94.0	70-130				
p-Ethyltoluene	9.79		"	10.0		97.9	70-130				
Propylene	8.26		"	10.0		82.6	70-130				
Styrene	9.43		"	10.0		94.3	70-130				
Tetrachloroethylene	9.32		"	10.0		93.2	70-130				
Tetrahydrofuran	8.63		"	10.0		86.3	70-130				
Toluene	8.36		"	10.0		83.6	70-130				
trans-1,2-Dichloroethylene	9.17		"	10.0		91.7	70-130				
trans-1,3-Dichloropropylene	8.67		"	10.0		86.7	70-130				
Trichloroethylene	8.92		"	10.0		89.2	70-130				
Trichlorofluoromethane (Freon 11)	9.41		"	10.0		94.1	70-130				
Vinyl acetate	7.90		"	10.0		79.0	70-130				
Vinyl bromide	9.56		"	10.0		95.6	70-130				
Vinyl Chloride	11.1		"	10.0		111	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31877 - EPA TO15 PREP											
Duplicate (BI31877-DUP1) Duplicate	*Source sample: 23I1349-05 (Duplicate)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
1,1,1,2-Tetrachloroethane	ND	1.3	ug/m³		ND					25	
1,1,1-Trichloroethane	ND	1.1	"		ND					25	
1,1,2,2-Tetrachloroethane	ND	1.3	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	1.5	"		ND					25	
1,1,2-Trichloroethane	ND	1.1	"		ND					25	
1,1-Dichloroethane	ND	0.79	"		ND					25	
1,1-Dichloroethylene	ND	0.19	"		ND					25	
1,2,4-Trichlorobenzene	ND	1.5	"		ND					25	
1,2,4-Trimethylbenzene	ND	0.96	"		ND					25	
1,2-Dibromoethane	ND	1.5	"		ND					25	
1,2-Dichlorobenzene	ND	1.2	"		ND					25	
1,2-Dichloroethane	ND	0.79	"		ND					25	
1,2-Dichloropropane	ND	0.91	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	1.4	"		ND					25	
1,3,5-Trimethylbenzene	ND	0.96	"		ND					25	
1,3-Butadiene	ND	1.3	"		ND					25	
1,3-Dichlorobenzene	ND	1.2	"		ND					25	
1,3-Dichloropropane	ND	0.91	"		ND					25	
1,4-Dichlorobenzene	ND	1.2	"		ND					25	
1,4-Dioxane	ND	1.4	"		ND					25	
2-Butanone	1.7	0.58	"		1.7				3.39	25	
2-Hexanone	ND	1.6	"		ND					25	
3-Chloropropene	ND	3.1	"		ND					25	
4-Methyl-2-pentanone	ND	0.80	"		ND					25	
Acetone	16	0.93	"		15				6.88	25	
Acrylonitrile	ND	0.43	"		ND					25	
Benzene	2.9	0.63	"		2.8				4.35	25	
Benzyl chloride	ND	1.0	"		ND					25	
Bromodichloromethane	ND	1.3	"		ND					25	
Bromoform	ND	2.0	"		ND					25	
Bromomethane	ND	0.76	"		ND					25	
Carbon disulfide	ND	0.61	"		ND					25	
Carbon tetrachloride	ND	0.31	"		ND					25	
Chlorobenzene	ND	0.90	"		ND					25	
Chloroethane	ND	0.52	"		ND					25	
Chloroform	ND	0.96	"		ND					25	
Chloromethane	3.5	0.41	"		3.1				12.2	25	
cis-1,2-Dichloroethylene	ND	0.19	"		ND					25	
cis-1,3-Dichloropropylene	ND	0.89	"		ND					25	
Cyclohexane	ND	0.68	"		ND					25	
Dibromochloromethane	ND	1.7	"		ND					25	
Dichlorodifluoromethane	2.1	0.97	"		2.0				4.65	25	
Ethyl acetate	ND	1.4	"		ND					25	
Ethyl Benzene	ND	0.85	"		ND					25	
Hexachlorobutadiene	ND	2.1	"		ND					25	
Isopropanol	4.0	0.96	"		3.8				4.94	25	
Methyl Methacrylate	ND	0.80	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	0.71	"		ND					25	
Methylene chloride	ND	1.4	"		ND					25	
n-Heptane	ND	0.80	"		ND					25	
n-Hexane	0.76	0.69	"		ND					25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31877 - EPA TO15 PREP											
Duplicate (BI31877-DUP1) Duplicate	*Source sample: 23I1349-05 (Duplicate)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
o-Xylene	ND	0.85	ug/m³		ND					25	
p- & m- Xylenes	2.1	1.7	"		2.0				8.33	25	
p-Ethyltoluene	ND	0.96	"		ND					25	
Propylene	ND	0.34	"		ND					25	
Styrene	ND	0.84	"		ND					25	
Tetrachloroethylene	1.6	1.3	"		1.6				0.00	25	
Tetrahydrofuran	ND	1.2	"		ND					25	
Toluene	3.6	0.74	"		3.4				6.32	25	
trans-1,2-Dichloroethylene	ND	0.78	"		ND					25	
trans-1,3-Dichloropropylene	ND	0.89	"		ND					25	
Trichloroethylene	ND	0.26	"		ND					25	
Trichlorofluoromethane (Freon 11)	ND	1.1	"		ND					25	
Vinyl acetate	ND	0.69	"		ND					25	
Vinyl bromide	ND	0.86	"		ND					25	
Vinyl Chloride	ND	0.25	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
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, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

YORK Project No. 23I-1425

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:
Company: LANGAN	Company:	Company:
Address: 360 W. 31st Street NY, NY 10001	Address:	Address:
Phone.: 212-479-5400	Phone.:	Phone.:
Contact: Albert Tashji	Contact:	Contact:
E-mail: ATASHJI@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170790501

YOUR Project Name: 383 Morris Ave

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.

Roswell Lo

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

Air Matrix Codes
- AI - Indoor Ambient Air
- AO - Outdoor Amb. Air
- AE - Vapor Extraction Well/ Process Gas/Effluent
- AS - Soil Vapor/Sub-Slab

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 Deliv.	NYSDEC EQuIS
NY ASP B Package	NJDKQP	NJDEP SRP HazSite
Other:		

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

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV01_092123	9/21/23 16:26	AS	-32.0	-11.0	10727	7090	TO-15 VOCs
SV02_092123	" 16:04	AS	-30.5	-7.0	37003	17177	
SV03_092123	" 16:02	AS	-30.0	-6.0	22076	7433	

Comments: Please cc: DATAMANAGEMENT@LANGAN.COM and LMCCONNELL@LANGAN.COM.

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
- 6 Liter Canister X
- Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Roswell Lo / Langan	9/21/23 17:40	Andrew Kechon	9/21/23 17:40	Andrew Kechon	9/21/23
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
				Yen	09/22/23 10:00am

Technical Report

prepared for:

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Report Date: 09/30/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1525

Report Date: 09/30/2023
Client Project ID: 170790501
York Project (SDG) No.: 23I1525

Langan Engineering & Environmental Services (NYC)
21 Penn Plaza, 360 West 31st Street
New York NY, 10001
Attention: Albert Tashji

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on September 22, 2023 and listed below. The project was identified as your project: **170790501**.

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
23I1525-01	MW02_092223	Water	09/22/2023	09/22/2023
23I1525-02	MW01_092223	Water	09/22/2023	09/22/2023
23I1525-03	GWDUP01_092223	Water	09/22/2023	09/22/2023
23I1525-04	GWFB01_092223	Water	09/22/2023	09/22/2023
23I1525-05	PFASFB02_092223	Water	09/22/2023	09/22/2023
23I1525-06	TB03_092223	Water	09/22/2023	09/22/2023

General Notes for York Project (SDG) No.: 23I1525

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

Approved By  **Date:** 09/30/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.7**	B	ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.45**	J	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/29/2023 06:11	09/29/2023 20:24	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*94.2 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*90.1 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	25.0	50.0	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		ug/L	0.250	0.250	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/27/2023 08:48	09/29/2023 10:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.8 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.0 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.3 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.4 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.1 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*78.6 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/27/2023 12:43	09/29/2023 14:50	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*73.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: 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)**	**7.18**		ng/L	0.498	1.88	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**19.2**		ng/L	0.371	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**11.5**		ng/L	0.752	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**4.01**		ng/L	0.720	1.94	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
335-67-1	**Perfluorooctanoic acid (PFOA)**	**54.8**		ng/L	0.445	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**40.8**		ng/L	0.869	1.97	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.08**	J	ng/L	0.551	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.795	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.20	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.932	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.784	2.12	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 03:21	ESJ
							Certifications: NELAC-NY12058,NJDEP-NY037				

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.731	2.12	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.837	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**23.4**		ng/L	0.244	4.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.932	2.12	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.964	2.02	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.40	2.04	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.12	8.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.17	8.14	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.350	8.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.530	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 03:21	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.27	4.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 03:21	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.265	4.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 03:21	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.392	4.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 03:21	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.805	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.90	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
13252-13-6	**HFPO-DA (Gen-X)**	**5.36**	J	ng/L	3.42	8.48	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.46	8.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.742	7.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
919005-14-4	ADONA	ND		ng/L	0.561	8.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.985	2.06	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.911	2.03	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 03:21	ESJ

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.15	5.30	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.77	26.5	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.0	26.5	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.23	21.2	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.67	2.12	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.23	21.2	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.91	2.12	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 03:21	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.7 %*	*25-150*
Surrogate: M5PFHxA	*97.4 %*	*25-150*
Surrogate: M4PFHpA	*130 %*	*25-150*
Surrogate: M3PFHxS	*93.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*96.5 %*	*25-150*
Surrogate: M6PFDA	*80.5 %*	*25-150*
Surrogate: M7PFUdA	*70.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*59.3 %*	*25-150*
Surrogate: M2PFTeDA	*41.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.56 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*92.3 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*98.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*107 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*90.7 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*96.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*105 %*	*25-200*
Surrogate: M2-8:2 FTS	*62.0 %*	*25-200*
Surrogate: M9PFNA	*109 %*	*25-150*
Surrogate: M2-4:2 FTS	*177 %*	*25-150*
Surrogate: d-N-MeFOSA	*61.1 %*	*25-150*
Surrogate: d-N-EtFOSA	*42.6 %*	*25-150*
Surrogate: M3HFPO-DA	*125 %*	*25-150*
Surrogate: d9-N-EtFOSE	*33.5 %*	*25-150*
Surrogate: d7-N-MeFOSE	*38.5 %*	*25-150*

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00632**		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	**4,4'-DDT**	**0.00709**		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	**Dieldrin**	**0.00844**		ug/L	0.00222	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	**gamma-BHC (Lindane)**	**0.00895**	P	ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	*** Aroclor 1242 [2C]**	**0.649**		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:			
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	*** Total PCBs [2C]**	**0.649**		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:10	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*21.5 %*	S-08, S-GC	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 19:50	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*67.8 %*		*30-150*						

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0798**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**141**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**31.8**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**2.12**		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.36**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**83.5**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0292**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:27	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0770**		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**132**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**30.2**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**2.04**		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.23**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**83.5**		mg/L	0.556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:21	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:01	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**0.00158**	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:56	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/27/2023 15:35	09/27/2023 15:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0006**		mg/L	0.0002	1	EPA 7470	09/27/2023 15:30	09/27/2023 15:30	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/22/2023 18:50	09/22/2023 22:18	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW02_092223 **York Sample ID:** 23I1525-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 10:00 am	09/22/2023

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**	**4810**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:23	VR
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/26/2023 14:37	09/26/2023 17:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**3.4**	B	ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/29/2023 06:11	09/29/2023 21:13	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*93.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND		ug/L	0.526	0.526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND		ug/L	26.3	52.6	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.80**		ug/L	0.526	0.526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND		ug/L	0.263	0.263	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/27/2023 08:48	09/29/2023 11:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.0 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.1 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*55.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*48.1 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*57.2 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.0 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/27/2023 12:43	09/29/2023 15:08	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: 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)**	**11.4**		ng/L	0.454	1.71	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**4.30**		ng/L	0.338	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**2.74**		ng/L	0.686	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.30**		ng/L	0.657	1.77	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**26.5**		ng/L	0.406	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**68.2**		ng/L	0.792	1.80	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.06**		ng/L	0.502	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	**Perfluorodecanoic acid (PFDA)**	**1.00**	J	ng/L	0.725	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.850	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.715	1.93	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:09	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.667	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.763	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.995	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**5.59**		ng/L	0.222	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.850	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**2.21**		ng/L	0.879	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.28	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.02	7.34	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.42	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**4.44**	J	ng/L	0.319	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.483	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:09	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:09	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.242	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:09	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.358	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:09	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.734	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.676	7.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
919005-14-4	ADONA	ND		ng/L	0.512	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.899	1.87	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.831	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:09	ESJ

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.83	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.08	24.2	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.15	24.2	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.53	1.93	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.86	19.3	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:09	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*102 %*	*25-150*
Surrogate: M4PFHpA	*134 %*	*25-150*
Surrogate: M3PFHxS	*97.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*107 %*	*25-150*
Surrogate: M6PFDA	*84.4 %*	*25-150*
Surrogate: M7PFUdA	*62.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*43.5 %*	*25-150*
Surrogate: M2PFTeDA	*30.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*5.81 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*89.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*103 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*101 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*81.8 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*78.4 %*	*25-150*
Surrogate: M2-6:2 FTS	*119 %*	*25-200*
Surrogate: M2-8:2 FTS	*60.6 %*	*25-200*
Surrogate: M9PFNA	*106 %*	*25-150*
Surrogate: M2-4:2 FTS	*197 %*	*25-150*
Surrogate: d-N-MeFOSA	*51.5 %*	*25-150*
Surrogate: d-N-EtFOSA	*34.2 %*	*25-150*
Surrogate: M3HFPO-DA	*123 %*	*25-150*
Surrogate: d9-N-EtFOSE	*24.3 %*	*25-150*
Surrogate: d7-N-MeFOSE	*28.2 %*	*25-150*

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		ug/L	0.0222	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00222	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00444	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.111	1	EPA 8081B	09/28/2023 08:48	09/30/2023 02:59	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*93.2 %*	*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 SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0556	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:24	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-120*

Herbicides, Target List

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

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Herbicides, Target List

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

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*74.8 %*			*30-150*					

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.144**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0918**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**128**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00729**		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**34.4**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.147**		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**6.91**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.5**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:31	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0947**		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**126**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	**Chromium**	**0.00600**		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**33.2**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**0.145**		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**5.27**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**56.4**		mg/L	0.556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:24	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.00128**		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**0.00284**	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:04	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	**Arsenic**	**0.00119**		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**0.00262**	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 13:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/27/2023 15:35	09/27/2023 15:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	09/27/2023 15:30	09/27/2023 15:30	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: MW01_092223 **York Sample ID:** 23I1525-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 2:30 pm	09/22/2023

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/22/2023 18:50	09/22/2023 22:18	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**7290**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:23	VR
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/26/2023 14:37	09/26/2023 17:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.2**	B	ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	**sec-Butylbenzene**	**0.36**	J	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/29/2023 06:11	09/29/2023 22:02	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*95.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.1 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	ug/L	0.500	0.500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.0	20.0	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	25.0	50.0	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	0.500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	0.0200	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	0.500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.500	0.500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.250	0.250	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	0.500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.250	0.250	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.25	1.25	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0500	0.0500	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.1 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.7 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.5 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.5 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.1 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.4 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/27/2023 12:43	09/29/2023 15:25	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*67.2 %*	*36.6-118*

PFAS, EPA 1633 Target List

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

Sample Prepared by Method: 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)**	**6.81**		ng/L	0.467	1.76	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**16.9**		ng/L	0.348	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**11.3**		ng/L	0.706	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**3.87**		ng/L	0.676	1.82	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-67-1	**Perfluorooctanoic acid (PFOA)**	**53.5**		ng/L	0.418	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**35.6**		ng/L	0.815	1.85	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.27**		ng/L	0.517	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.746	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.736	1.99	1	EPA 1633 Draft 3	09/26/2023 12:50	09/29/2023 04:25	ESJ
								Certifications: NELAC-NY12058,NJDEP-NY037			

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

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
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.686	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.785	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**22.2**		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
375-92-8	*** Perfluoro-1-heptanesulfonic acid (PFHpS)**	**1.17**	J	ng/L	0.905	1.90	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
27619-97-2	**1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**1.16**	J	ng/L	1.05	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**7.78**	J	ng/L	0.328	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.497	3.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:25	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:25	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:25	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.368	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:25	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.756	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.21	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.696	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
919005-14-4	ADONA	ND		ng/L	0.527	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.925	1.93	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.855	1.91	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:25	ESJ

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

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
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.97	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.29	24.9	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.42	24.9	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:25	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*102 %*	*25-150*
Surrogate: M5PFHxA	*98.6 %*	*25-150*
Surrogate: M4PFHpA	*131 %*	*25-150*
Surrogate: M3PFHxS	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*103 %*	*25-150*
Surrogate: M6PFDA	*74.1 %*	*25-150*
Surrogate: M7PFUdA	*64.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*60.0 %*	*25-150*
Surrogate: M2PFTeDA	*44.0 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*5.79 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*93.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*94.1 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*97.5 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*85.4 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*91.2 %*	*25-150*
Surrogate: M2-6:2 FTS	*129 %*	*25-200*
Surrogate: M2-8:2 FTS	*67.7 %*	*25-200*
Surrogate: M9PFNA	*104 %*	*25-150*
Surrogate: M2-4:2 FTS	*197 %*	*25-150*
Surrogate: d-N-MeFOSA	*66.5 %*	*25-150*
Surrogate: d-N-EtFOSA	*50.1 %*	*25-150*
Surrogate: M3HFPO-DA	*123 %*	*25-150*
Surrogate: d9-N-EtFOSE	*47.3 %*	*25-150*
Surrogate: d7-N-MeFOSE	*48.8 %*	*25-150*

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:16	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.4 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:38	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:11	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:11	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:11	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Herbicides, Target List

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

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*24.2 %*	S-04, S-08		*30-150*					

Metals, Target Analyte, ICP

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0809**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**141**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**30.4**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**2.22**		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**4.14**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**83.1**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICP Dissolved

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

Sample Prepared by Method: EPA 3015A

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

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	**Barium**	**0.0772**		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**135**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-95-4	**Magnesium**	**29.9**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	**Manganese**	**2.13**		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	**Potassium**	**3.94**		mg/L	0.0556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**84.3**		mg/L	0.556	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	09/27/2023 08:36	09/28/2023 16:34	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Metals, Target Analyte, ICPMS

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS Dissolved

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

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	**Selenium**	**0.00309**	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/27/2023 08:45	09/27/2023 14:03	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/27/2023 15:35	09/27/2023 15:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury, Dissolved

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

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/27/2023 15:30	09/27/2023 15:30	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

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

Sample Information

Client Sample ID: GWDUP01_092223 **York Sample ID:** 23I1525-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/22/2023 18:50	09/22/2023 22:18	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**4460**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:23	VR
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/26/2023 14:37	09/26/2023 17:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**2.1**	B	ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	**Bromodichloromethane**	**0.21**	J	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	**Chloroform**	**2.7**		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/29/2023 06:11	09/29/2023 18:45	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.1 %*	*79-122*

Semi-Volatiles, 8270 - Comprehensive - LL

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,PADEP-68-04440		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
120-83-2	2,4-Dichlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-67-9	2,4-Dimethylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-57-8	2-Chlorophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
95-48-7	2-Methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-74-4	2-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
88-75-5	2-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
99-09-2	3-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
106-47-8	4-Chloroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-01-6	4-Nitroaniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
100-02-7	4-Nitrophenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-86-2	Acetophenone	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
62-53-3	Aniline	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1912-24-9	Atrazine	ND	CCVE	ug/L	0.526	0.526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-52-7	Benzaldehyde	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
92-87-5	Benzidine	ND		ug/L	10.5	21.1	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
65-85-0	Benzoic acid	ND	CAL-E	ug/L	26.3	52.6	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
100-51-6	Benzyl alcohol	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
105-60-2	Caprolactam	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
86-74-8	Carbazole	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
132-64-9	Dibenzofuran	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-66-2	Diethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	NELAC-NY10854,NJDEP-CT005,PADEP-68-04440		
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
78-59-1	Isophorone	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
91-20-3	Naphthalene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.526	0.526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
86-30-6	N-Nitrosodiphenylamine	ND	CCVE	ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
87-86-5	Pentachlorophenol	ND	CCVE	ug/L	0.263	0.263	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
85-01-8	Phenanthrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
108-95-2	Phenol	ND		ug/L	1.32	1.32	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
129-00-0	Pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
110-86-1	Pyridine	ND		ug/L	2.63	5.26	1	EPA 8270D	09/28/2023 08:54	09/29/2023 01:57	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Semi-Volatiles, 8270 - Comprehensive - LL

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

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*25.0 %*			*19.7-63.1*						
13127-88-3	*Surrogate: SURR: Phenol-d6*	*12.6 %*			*10.1-41.7*						
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*63.2 %*			*50.2-113*						
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.3 %*			*39.9-105*						
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.0 %*			*39.3-151*						
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*62.3 %*			*30.7-106*						

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

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

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	09/27/2023 12:43	09/29/2023 15:43	KH
							Certifications: NJDEP-CT005,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.8 %*	*36.6-118*

Pesticides, 8081 target list

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

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
57-74-9	Chlordane, total	ND		ug/L	0.0200	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044			

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	09/28/2023 08:48	09/30/2023 03:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*117 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*87.7 %*	*30-150*

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	09/28/2023 08:48	09/30/2023 06:51	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*	*30-120*

Herbicides, Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	09/28/2023 08:43	09/29/2023 20:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*53.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-70-2	**Calcium**	**0.340**		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-23-5	**Sodium**	**0.959**		mg/L	0.556	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-66-6	**Zinc**	**0.0284**		mg/L	0.0278	1	EPA 6010D	09/28/2023 08:52	09/28/2023 20:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND	M-CCV 1	mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	09/28/2023 08:57	09/28/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	09/27/2023 15:35	09/27/2023 15:35	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: GWFB01_092223 **York Sample ID:** 23I1525-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:30 pm	09/22/2023

Chromium, Hexavalent

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		ug/L	10.0	1	EPA 7196A	09/22/2023 18:50	09/22/2023 22:18	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

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**	**3720**		ug/L	10.0	1	Calculation	09/29/2023 07:24	09/29/2023 10:23	VR
							Certifications:			

Cyanide, Total

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

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		ug/L	10.0	1	SM 4500 CN C-2016 / E-201(	09/26/2023 14:37	09/26/2023 17:21	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP-CT005,PADEP-68-044		

Sample Information

Client Sample ID: PFASFB02_092223 **York Sample ID:** 23I1525-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:00 pm	09/22/2023

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)**	**0.524**	J	ng/L	0.454	1.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.338	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.685	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.656	1.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.405	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.791	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.502	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.724	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.09	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.849	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.714	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.666	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.762	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	0.994	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.222	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.849	1.93	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.878	1.84	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.27	1.86	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.02	7.33	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.98	7.41	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.318	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ

Sample Information

Client Sample ID: PFASFB02_092223 **York Sample ID:** 23I1525-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:00 pm	09/22/2023

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
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.482	3.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:41	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.07	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:41	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.241	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:41	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.357	3.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	09/26/2023 12:50	09/29/2023 04:41	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.733	1.81	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.73	7.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.12	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.33	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.675	7.22	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
919005-14-4	ADONA	ND		ng/L	0.511	7.30	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058,NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.897	1.87	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.830	1.85	1	EPA 1633 Draft 3 Certifications: NJDEP-NY037	09/26/2023 12:50	09/29/2023 04:41	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	1.96	4.82	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.07	24.1	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.14	24.1	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.85	19.3	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.52	1.93	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.85	19.3	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.74	1.93	1	EPA 1633 Draft 3 Certifications:	09/26/2023 12:50	09/29/2023 04:41	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*109 %*	*25-150*
Surrogate: M5PFHxA	*88.8 %*	*25-150*
Surrogate: M4PFHpA	*136 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*

Sample Information

Client Sample ID: PFASFB02_092223 **York Sample ID:** 23I1525-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 4:00 pm	09/22/2023

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-[13C8]octanoic aci	*94.8 %*			*25-150*						
	Surrogate: M6PFDA	*80.0 %*			*25-150*						
	Surrogate: M7PFUdA	*80.6 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*46.1 %*			*25-150*						
	Surrogate: M2PFTeDA	*16.7 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.714 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*98.0 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*29.0 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*111 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*84.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*80.4 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*98.5 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*74.1 %*			*25-200*						
	Surrogate: M9PFNA	*88.7 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*87.6 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*83.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*59.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*110 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*13.1 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*17.5 %*			*25-150*						

Sample Information

Client Sample ID: TB03_092223 **York Sample ID:** 23I1525-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
123-91-1	1,4-Dioxane	ND	ICVE	ug/L	40	40	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB03_092223 **York Sample ID:** 23I1525-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-64-1	**Acetone**	**4.7**	B	ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
107-13-1	**Acrylonitrile**	**0.23**	J	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
124-48-1	Dibromochloromethane	ND	CCVE	ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		

Sample Information

Client Sample ID: TB03_092223 **York Sample ID:** 23I1525-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP-68		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE	ug/L	0.50	1.0	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP-CT005,PADEP-68-04		
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

Sample Information

Client Sample ID: TB03_092223 **York Sample ID:** 23I1525-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23I1525	170790501	Water	September 22, 2023 3:00 pm	09/22/2023

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260D	09/29/2023 06:11	09/29/2023 17:32	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP-CT		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*79-122*

Analytical Batch Summary

Batch ID: BI31462 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/22/23
23I1525-02	MW01_092223	09/22/23
23I1525-03	GWDUP01_092223	09/22/23
23I1525-04	GWFB01_092223	09/22/23
BI31462-BLK1	Blank	09/22/23
BI31462-BS1	LCS	09/22/23
BI31462-DUP1	Duplicate	09/22/23
BI31462-MS1	Matrix Spike	09/22/23
BI31462-MSD1	Matrix Spike Dup	09/22/23

Batch ID: BI31635 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/26/23
23I1525-02	MW01_092223	09/26/23
23I1525-03	GWDUP01_092223	09/26/23
23I1525-05	PFASFB02_092223	09/26/23
BI31635-BLK1	Blank	09/26/23
BI31635-BS1	LCS	09/26/23
BI31635-BS2	LCS	09/26/23
BI31635-DUP1	Duplicate	09/26/23

Batch ID: BI31642 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/26/23
23I1525-02	MW01_092223	09/26/23
23I1525-03	GWDUP01_092223	09/26/23
23I1525-04	GWFB01_092223	09/26/23
BI31642-BLK1	Blank	09/26/23
BI31642-BS1	LCS	09/26/23
BI31642-DUP1	Duplicate	09/26/23
BI31642-MS1	Matrix Spike	09/26/23
BI31642-MSD1	Matrix Spike Dup	09/26/23

Batch ID: BI31702 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
23I1525-03	GWDUP01_092223	09/27/23
BI31702-BLK1	Blank	09/27/23
BI31702-BS1	LCS	09/27/23
BI31702-DUP1	Duplicate	09/27/23

BI31702-MS1	Matrix Spike	09/27/23
BI31702-PS1	Post Spike	09/27/23

Batch ID: BI31704 **Preparation Method:** EPA 3015A **Prepared By:** DBT

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
23I1525-03	GWDUP01_092223	09/27/23
BI31704-BLK1	Blank	09/27/23
BI31704-BS1	LCS	09/27/23
BI31704-DUP1	Duplicate	09/27/23
BI31704-MS1	Matrix Spike	09/27/23

Batch ID: BI31705 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
BI31705-BLK1	Blank	09/27/23
BI31705-BS1	LCS	09/27/23
BI31705-MS1	Matrix Spike	09/27/23
BI31705-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31720 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
23I1525-03	GWDUP01_092223	09/27/23
23I1525-04	GWFB01_092223	09/27/23
BI31720-BLK1	Blank	09/27/23
BI31720-BS1	LCS	09/27/23
BI31720-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31738 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
23I1525-03	GWDUP01_092223	09/27/23
BI31738-BLK1	Blank	09/27/23
BI31738-BS1	LCS	09/27/23
BI31738-DUP1	Duplicate	09/27/23
BI31738-MS1	Matrix Spike	09/27/23
BI31738-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31742 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/27/23
23I1525-02	MW01_092223	09/27/23
23I1525-03	GWDUP01_092223	09/27/23
23I1525-04	GWFB01_092223	09/27/23
BI31742-BLK1	Blank	09/27/23
BI31742-BS1	LCS	09/27/23
BI31742-DUP1	Duplicate	09/27/23
BI31742-MS1	Matrix Spike	09/27/23
BI31742-MSD1	Matrix Spike Dup	09/27/23

Batch ID: BI31786 **Preparation Method:** EPA 8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/28/23
23I1525-02	MW01_092223	09/28/23
23I1525-03	GWDUP01_092223	09/28/23
23I1525-04	GWFB01_092223	09/28/23
BI31786-BLK1	Blank	09/28/23
BI31786-BS1	LCS	09/28/23
BI31786-BSD1	LCS Dup	09/28/23

Batch ID: BI31788 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/28/23
23I1525-01	MW02_092223	09/28/23
23I1525-02	MW01_092223	09/28/23
23I1525-02	MW01_092223	09/28/23
23I1525-03	GWDUP01_092223	09/28/23
23I1525-03	GWDUP01_092223	09/28/23
23I1525-04	GWFB01_092223	09/28/23
23I1525-04	GWFB01_092223	09/28/23
BI31788-BLK1	Blank	09/28/23
BI31788-BLK2	Blank	09/28/23
BI31788-BS1	LCS	09/28/23
BI31788-BS2	LCS	09/28/23
BI31788-MS1	Matrix Spike	09/28/23
BI31788-MS2	Matrix Spike	09/28/23
BI31788-MSD1	Matrix Spike Dup	09/28/23
BI31788-MSD2	Matrix Spike Dup	09/28/23

Batch ID: BI31790 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/28/23
23I1525-02	MW01_092223	09/28/23
23I1525-03	GWDUP01_092223	09/28/23

23I1525-04	GWFB01_092223	09/28/23
BI31790-BLK1	Blank	09/28/23
BI31790-BS1	LCS	09/28/23
BI31790-DUP1	Duplicate	09/28/23
BI31790-MS1	Matrix Spike	09/28/23
BI31790-PS1	Post Spike	09/28/23

Batch ID: BI31791 **Preparation Method:** EPA 3510C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-03	GWDUP01_092223	09/28/23
23I1525-04	GWFB01_092223	09/28/23
BI31791-BLK1	Blank	09/28/23
BI31791-BS1	LCS	09/28/23
BI31791-MS1	Matrix Spike	09/28/23
BI31791-MSD1	Matrix Spike Dup	09/28/23

Batch ID: BI31795 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/28/23
23I1525-02	MW01_092223	09/28/23
23I1525-03	GWDUP01_092223	09/28/23
23I1525-04	GWFB01_092223	09/28/23
BI31795-BLK1	Blank	09/28/23
BI31795-BS1	LCS	09/28/23
BI31795-DUP1	Duplicate	09/28/23
BI31795-MS1	Matrix Spike	09/28/23

Batch ID: BI31869 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/29/23
23I1525-02	MW01_092223	09/29/23
23I1525-03	GWDUP01_092223	09/29/23
23I1525-04	GWFB01_092223	09/29/23

Batch ID: BI31935 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23I1525-01	MW02_092223	09/29/23
23I1525-02	MW01_092223	09/29/23
23I1525-03	GWDUP01_092223	09/29/23
23I1525-04	GWFB01_092223	09/29/23
23I1525-06	TB03_092223	09/29/23
BI31935-BLK1	Blank	09/29/23
BI31935-BS1	LCS	09/29/23
BI31935-BSD1	LCS Dup	09/29/23

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 BI31935 - EPA 5030B											
Blank (BI31935-BLK1) Blank									Prepared & Analyzed: 09/29/2023		
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	1.7	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								

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 BI31935 - EPA 5030B											
Blank (BI31935-BLK1) Blank									Prepared & Analyzed: 09/29/2023		
n-Butylbenzene	ND	0.50	ug/L								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.56*		*"*	*10.0*		*95.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.76*		*"*	*10.0*		*97.6*	*79-122*				
LCS (BI31935-BS1) LCS									Prepared & Analyzed: 09/29/2023		
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		111	82-126				
1,1,1-Trichloroethane	13		"	10.0		128	78-136				
1,1,2,2-Tetrachloroethane	9.4		"	10.0		93.7	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	12		"	10.0		125	54-165				
1,1,2-Trichloroethane	9.5		"	10.0		94.6	82-123				
1,1-Dichloroethane	12		"	10.0		118	82-129				
1,1-Dichloroethylene	13		"	10.0		127	68-138				
1,2,3-Trichlorobenzene	8.4		"	10.0		83.6	40-130				
1,2,3-Trichloropropane	9.7		"	10.0		97.0	77-128				
1,2,4-Trichlorobenzene	8.9		"	10.0		89.1	65-137				
1,2,4-Trimethylbenzene	12		"	10.0		122	82-132				
1,2-Dibromo-3-chloropropane	8.0		"	10.0		80.3	45-147				
1,2-Dibromoethane	9.7		"	10.0		97.1	83-124				
1,2-Dichlorobenzene	11		"	10.0		108	79-123				
1,2-Dichloroethane	11		"	10.0		110	73-132				
1,2-Dichloropropane	11		"	10.0		110	78-126				
1,3,5-Trimethylbenzene	13		"	10.0		127	80-131				
1,3-Dichlorobenzene	11		"	10.0		112	86-130				
1,4-Dichlorobenzene	11		"	10.0		109	85-130				
1,4-Dioxane	200		"	210		94.3	10-349				
2-Butanone	10		"	10.0		103	49-152				
2-Hexanone	6.3		"	10.0		63.2	51-146				
4-Methyl-2-pentanone	6.8		"	10.0		68.0	57-145				
Acetone	11		"	10.0		114	14-150				
Acrolein	4.9		"	10.0		48.9	10-153				
Acrylonitrile	9.0		"	10.0		89.6	51-150				
Benzene	12		"	10.0		124	85-126				
Bromochloromethane	11		"	10.0		109	77-128				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31935 - EPA 5030B											
LCS (BI31935-BS1) LCS							Prepared & Analyzed: 09/29/2023				
Bromodichloromethane	10		ug/L	10.0		103	79-128				
Bromoform	6.7		"	10.0		66.9	78-133	Low Bias			
Bromomethane	10		"	10.0		102	43-168				
Carbon disulfide	12		"	10.0		124	68-146				
Carbon tetrachloride	13		"	10.0		132	77-141				
Chlorobenzene	11		"	10.0		115	88-120				
Chloroethane	13		"	10.0		131	65-136				
Chloroform	12		"	10.0		118	82-128				
Chloromethane	14		"	10.0		135	43-155				
cis-1,2-Dichloroethylene	12		"	10.0		120	83-129				
cis-1,3-Dichloropropylene	8.8		"	10.0		88.4	80-131				
Cyclohexane	5.7		"	10.0		57.1	63-149	Low Bias			
Dibromochloromethane	8.2		"	10.0		81.5	80-130				
Dibromomethane	9.6		"	10.0		96.0	72-134				
Dichlorodifluoromethane	14		"	10.0		144	44-144				
Ethyl Benzene	12		"	10.0		124	80-131				
Hexachlorobutadiene	9.7		"	10.0		97.0	67-146				
Isopropylbenzene	13		"	10.0		126	76-140				
Methyl acetate	8.6		"	10.0		85.9	51-139				
Methyl tert-butyl ether (MTBE)	9.9		"	10.0		98.8	76-135				
Methylcyclohexane	11		"	10.0		113	72-143				
Methylene chloride	11		"	10.0		112	55-137				
n-Butylbenzene	12		"	10.0		119	79-132				
n-Propylbenzene	12		"	10.0		123	78-133				
o-Xylene	12		"	10.0		120	78-130				
p- & m- Xylenes	25		"	20.0		124	77-133				
p-Isopropyltoluene	12		"	10.0		123	81-136				
sec-Butylbenzene	12		"	10.0		119	79-137				
Styrene	12		"	10.0		116	67-132				
tert-Butyl alcohol (TBA)	27		"	50.0		53.2	25-162				
tert-Butylbenzene	11		"	10.0		107	77-138				
Tetrachloroethylene	11		"	10.0		112	82-131				
Toluene	12		"	10.0		117	80-127				
trans-1,2-Dichloroethylene	12		"	10.0		122	80-132				
trans-1,3-Dichloropropylene	8.4		"	10.0		83.8	78-131				
trans-1,4-dichloro-2-butene	9.7		"	10.0		96.7	63-141				
Trichloroethylene	11		"	10.0		113	82-128				
Trichlorofluoromethane	15		"	10.0		150	67-139	High Bias			
Vinyl Chloride	14		"	10.0		135	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.14*		*"*	*10.0*		*91.4*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.88*		*"*	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31935 - EPA 5030B											
LCS Dup (BI31935-BSD1) LCS Dup								Prepared & Analyzed: 09/29/2023			
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		109	82-126		2.00	30	
1,1,1-Trichloroethane	11		"	10.0		114	78-136		11.9	30	
1,1,2,2-Tetrachloroethane	10		"	10.0		99.6	76-129		6.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		113	54-165		10.3	30	
1,1,2-Trichloroethane	10		"	10.0		100	82-123		5.65	30	
1,1-Dichloroethane	11		"	10.0		108	82-129		8.79	30	
1,1-Dichloroethylene	11		"	10.0		113	68-138		11.4	30	
1,2,3-Trichlorobenzene	8.6		"	10.0		86.0	40-130		2.83	30	
1,2,3-Trichloropropane	10		"	10.0		102	77-128		5.42	30	
1,2,4-Trichlorobenzene	8.7		"	10.0		87.3	65-137		2.04	30	
1,2,4-Trimethylbenzene	11		"	10.0		108	82-132		13.0	30	
1,2-Dibromo-3-chloropropane	8.3		"	10.0		83.0	45-147		3.31	30	
1,2-Dibromoethane	10		"	10.0		103	83-124		5.51	30	
1,2-Dichlorobenzene	10		"	10.0		102	79-123		5.74	30	
1,2-Dichloroethane	11		"	10.0		110	73-132		0.182	30	
1,2-Dichloropropane	10		"	10.0		104	78-126		5.22	30	
1,3,5-Trimethylbenzene	11		"	10.0		111	80-131		13.9	30	
1,3-Dichlorobenzene	10		"	10.0		102	86-130		9.52	30	
1,4-Dichlorobenzene	10		"	10.0		100	85-130		8.61	30	
1,4-Dioxane	250		"	210		119	10-349		23.2	30	
2-Butanone	11		"	10.0		115	49-152		11.0	30	
2-Hexanone	8.0		"	10.0		80.2	51-146		23.7	30	
4-Methyl-2-pentanone	8.1		"	10.0		80.6	57-145		17.0	30	
Acetone	10		"	10.0		100	14-150		12.8	30	
Acrolein	5.7		"	10.0		56.6	10-153		14.6	30	
Acrylonitrile	10		"	10.0		104	51-150		14.5	30	
Benzene	11		"	10.0		115	85-126		7.38	30	
Bromochloromethane	11		"	10.0		111	77-128		1.82	30	
Bromodichloromethane	9.9		"	10.0		98.7	79-128		3.97	30	
Bromoform	7.5		"	10.0		74.7	78-133	Low Bias	11.0	30	
Bromomethane	8.0		"	10.0		80.3	43-168		23.7	30	
Carbon disulfide	11		"	10.0		111	68-146		10.9	30	
Carbon tetrachloride	12		"	10.0		118	77-141		11.4	30	
Chlorobenzene	11		"	10.0		107	88-120		7.22	30	
Chloroethane	12		"	10.0		117	65-136		11.7	30	
Chloroform	11		"	10.0		111	82-128		5.41	30	
Chloromethane	11		"	10.0		113	43-155		18.2	30	
cis-1,2-Dichloroethylene	11		"	10.0		112	83-129		6.72	30	
cis-1,3-Dichloropropylene	8.7		"	10.0		87.3	80-131		1.25	30	
Cyclohexane	5.1		"	10.0		51.3	63-149	Low Bias	10.7	30	
Dibromochloromethane	8.5		"	10.0		85.2	80-130		4.44	30	
Dibromomethane	9.8		"	10.0		98.4	72-134		2.47	30	
Dichlorodifluoromethane	12		"	10.0		124	44-144		14.7	30	
Ethyl Benzene	11		"	10.0		114	80-131		8.92	30	
Hexachlorobutadiene	8.7		"	10.0		86.9	67-146		11.0	30	
Isopropylbenzene	11		"	10.0		109	76-140		14.6	30	
Methyl acetate	9.9		"	10.0		99.0	51-139		14.2	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		111	76-135		11.5	30	
Methylcyclohexane	10		"	10.0		101	72-143		11.0	30	
Methylene chloride	11		"	10.0		109	55-137		2.90	30	
n-Butylbenzene	10		"	10.0		104	79-132		12.6	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31935 - EPA 5030B											
LCS Dup (BI31935-BSD1) LCS Dup								Prepared & Analyzed: 09/29/2023			
n-Propylbenzene	11		ug/L	10.0		107	78-133		14.1	30	
o-Xylene	11		"	10.0		111	78-130		7.85	30	
p- & m- Xylenes	23		"	20.0		114	77-133		8.92	30	
p-Isopropyltoluene	11		"	10.0		108	81-136		13.0	30	
sec-Butylbenzene	10		"	10.0		104	79-137		13.3	30	
Styrene	11		"	10.0		110	67-132		4.87	30	
tert-Butyl alcohol (TBA)	38		"	50.0		75.9	25-162		35.1	30	Non-dir.
tert-Butylbenzene	9.3		"	10.0		92.7	77-138		14.4	30	
Tetrachloroethylene	10		"	10.0		103	82-131		8.66	30	
Toluene	11		"	10.0		106	80-127		9.83	30	
trans-1,2-Dichloroethylene	11		"	10.0		113	80-132		8.00	30	
trans-1,3-Dichloropropylene	8.6		"	10.0		86.3	78-131		2.94	30	
trans-1,4-dichloro-2-butene	9.9		"	10.0		98.9	63-141		2.25	30	
Trichloroethylene	10		"	10.0		101	82-128		11.3	30	
Trichlorofluoromethane	13		"	10.0		130	67-139		14.1	30	
Vinyl Chloride	12		"	10.0		117	58-145		14.5	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.70*		*"*	*10.0*		*97.0*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.57*		*"*	*10.0*		*95.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*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 BI31705 - EPA 3510C											
Blank (BI31705-BLK1) Blank									Prepared: 09/27/2023 Analyzed: 09/28/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	1.25	"								
2,4,5-Trichlorophenol	ND	1.25	"								
2,4,6-Trichlorophenol	ND	1.25	"								
2,4-Dichlorophenol	ND	1.25	"								
2,4-Dimethylphenol	ND	1.25	"								
2,4-Dinitrophenol	ND	1.25	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	1.25	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	1.25	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	1.25	"								
3- & 4-Methylphenols	ND	1.25	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	1.25	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	1.25	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	1.25	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	1.25	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Blank (BI31705-BLK1) Blank									Prepared: 09/27/2023 Analyzed: 09/28/2023		
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	1.25	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*10.6*		"	*50.0*		*21.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.02*		"	*50.0*		*12.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.1*		"	*25.0*		*48.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.9*		"	*25.0*		*43.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.7*		"	*50.0*		*63.4*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.2*		"	*25.0*		*56.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

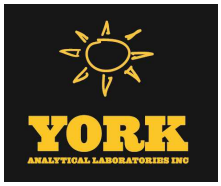
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
LCS (BI31705-BS1) LCS								Prepared: 09/27/2023 Analyzed: 09/28/2023			
1,1-Biphenyl	10.9	5.00	ug/L	25.0		43.6	21-102				
1,2,4,5-Tetrachlorobenzene	14.5	5.00	"	25.0		57.9	28-105				
1,2,4-Trichlorobenzene	9.91	5.00	"	25.0		39.6	35-91				
1,2-Dichlorobenzene	8.93	5.00	"	25.0		35.7	42-85	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	11.7	5.00	"	25.0		46.8	16-137				
1,3-Dichlorobenzene	8.58	5.00	"	25.0		34.3	45-80	Low Bias			
1,4-Dichlorobenzene	8.62	5.00	"	25.0		34.5	42-82	Low Bias			
2,3,4,6-Tetrachlorophenol	14.1	1.25	"	25.0		56.3	30-130				
2,4,5-Trichlorophenol	12.5	1.25	"	25.0		50.0	36-112				
2,4,6-Trichlorophenol	12.3	1.25	"	25.0		49.3	41-107				
2,4-Dichlorophenol	12.1	1.25	"	25.0		48.6	43-92				
2,4-Dimethylphenol	9.10	1.25	"	25.0		36.4	25-92				
2,4-Dinitrophenol	19.3	1.25	"	25.0		77.3	10-149				
2,4-Dinitrotoluene	16.0	5.00	"	25.0		64.1	41-114				
2,6-Dinitrotoluene	16.1	5.00	"	25.0		64.5	49-106				
2-Chloronaphthalene	10.1	5.00	"	25.0		40.6	40-96				
2-Chlorophenol	9.99	1.25	"	25.0		40.0	35-84				
2-Methylnaphthalene	10.7	5.00	"	25.0		42.7	33-101				
2-Methylphenol	8.76	1.25	"	25.0		35.0	10-90				
2-Nitroaniline	14.3	5.00	"	25.0		57.1	31-122				
2-Nitrophenol	13.9	1.25	"	25.0		55.7	37-97				
3- & 4-Methylphenols	6.98	1.25	"	25.0		27.9	10-101				
3,3-Dichlorobenzidine	9.55	5.00	"	25.0		38.2	25-155				
3-Nitroaniline	11.3	5.00	"	25.0		45.2	29-128				
4,6-Dinitro-2-methylphenol	21.5	1.25	"	25.0		85.8	10-135				
4-Bromophenyl phenyl ether	12.5	5.00	"	25.0		50.2	38-116				
4-Chloro-3-methylphenol	12.8	1.25	"	25.0		51.3	28-101				
4-Chloroaniline	7.84	5.00	"	25.0		31.4	10-154				
4-Chlorophenyl phenyl ether	11.6	5.00	"	25.0		46.5	34-112				
4-Nitroaniline	12.4	5.00	"	25.0		49.8	15-143				
4-Nitrophenol	3.84	1.25	"	25.0		15.4	10-112				
Acenaphthene	11.4	0.0500	"	25.0		45.4	24-114				
Acenaphthylene	10.4	0.0500	"	25.0		41.4	26-112				
Acetophenone	12.1	5.00	"	25.0		48.3	47-92				
Aniline	3.17	5.00	"	25.0		12.7	10-107				
Anthracene	12.1	0.0500	"	25.0		48.3	35-114				
Atrazine	13.5	0.500	"	25.0		54.0	43-101				
Benzaldehyde	10.4	5.00	"	25.0		41.5	17-117				
Benzo(a)anthracene	12.3	0.0500	"	25.0		49.1	38-127				
Benzo(a)pyrene	12.3	0.0500	"	25.0		49.1	30-146				
Benzo(b)fluoranthene	13.5	0.0500	"	25.0		54.0	36-145				
Benzo(g,h,i)perylene	13.9	0.0500	"	25.0		55.4	10-163				
Benzo(k)fluoranthene	13.6	0.0500	"	25.0		54.6	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.81	5.00	"	25.0		27.2	18-75				
Benzyl butyl phthalate	11.2	5.00	"	25.0		44.8	28-129				
Bis(2-chloroethoxy)methane	12.9	5.00	"	25.0		51.4	27-112				
Bis(2-chloroethyl)ether	11.4	1.25	"	25.0		45.6	24-114				
Bis(2-chloroisopropyl)ether	11.9	5.00	"	25.0		47.6	21-124				
Bis(2-ethylhexyl)phthalate	11.5	0.500	"	25.0		46.2	10-171				
Caprolactam	ND	5.00	"	25.0			10-29	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
LCS (BI31705-BS1) LCS								Prepared: 09/27/2023 Analyzed: 09/28/2023			
Carbazole	12.2	5.00	ug/L	25.0		48.7	49-116	Low Bias			
Chrysene	12.7	0.0500	"	25.0		51.0	33-120				
Dibenzo(a,h)anthracene	13.5	0.0500	"	25.0		54.0	10-149				
Dibenzofuran	11.3	5.00	"	25.0		45.1	42-105				
Diethyl phthalate	11.8	5.00	"	25.0		47.4	38-112				
Dimethyl phthalate	12.3	5.00	"	25.0		49.1	49-106				
Di-n-butyl phthalate	11.7	5.00	"	25.0		46.7	36-110				
Di-n-octyl phthalate	11.1	5.00	"	25.0		44.5	12-149				
Fluoranthene	12.3	0.0500	"	25.0		49.4	33-126				
Fluorene	11.4	0.0500	"	25.0		45.8	28-117				
Hexachlorobenzene	11.4	0.0200	"	25.0		45.7	27-120				
Hexachlorobutadiene	9.43	0.500	"	25.0		37.7	25-106				
Hexachlorocyclopentadiene	6.38	5.00	"	25.0		25.5	10-99				
Hexachloroethane	8.22	0.500	"	25.0		32.9	33-84	Low Bias			
Indeno(1,2,3-cd)pyrene	12.8	0.0500	"	25.0		51.3	10-150				
Isophorone	13.6	5.00	"	25.0		54.5	29-115				
Naphthalene	10.4	0.0500	"	25.0		41.8	30-99				
Nitrobenzene	13.2	0.250	"	25.0		52.7	32-113				
N-Nitrosodimethylamine	4.63	0.500	"	25.0		18.5	10-63				
N-nitroso-di-n-propylamine	12.5	5.00	"	25.0		49.8	36-118				
N-Nitrosodiphenylamine	13.3	5.00	"	25.0		53.1	27-145				
Pentachlorophenol	14.4	0.250	"	25.0		57.4	19-127				
Phenanthrene	12.2	0.0500	"	25.0		49.0	31-112				
Phenol	3.72	1.25	"	25.0		14.9	10-37				
Pyrene	12.2	0.0500	"	25.0		48.7	42-125				
Pyridine	ND	5.00	"	25.5			10-46	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*11.8*		"	*50.0*		*23.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.26*		"	*50.0*		*14.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.1*		"	*25.0*		*60.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*12.6*		"	*25.0*		*50.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*38.0*		"	*50.0*		*76.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.8*		"	*25.0*		*59.0*	*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike (BI31705-MS1) Matrix Spike *Source sample: 23I1352-02 (Matrix Spike)								Prepared: 09/27/2023 Analyzed: 09/28/2023			
1,1-Biphenyl	9.41	5.00	ug/L	25.0	ND	37.6	40-140	Low Bias			
1,2,4,5-Tetrachlorobenzene	13.0	5.00	"	25.0	ND	51.9	40-140				
1,2,4-Trichlorobenzene	8.47	5.00	"	25.0	ND	33.9	31-92				
1,2-Dichlorobenzene	7.73	5.00	"	25.0	ND	30.9	31-91	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	11.2	5.00	"	25.0	ND	44.8	40-140				
1,3-Dichlorobenzene	7.44	5.00	"	25.0	ND	29.8	24-93				
1,4-Dichlorobenzene	7.44	5.00	"	25.0	ND	29.8	26-95				
2,3,4,6-Tetrachlorophenol	15.2	1.25	"	25.0	ND	60.9	30-130				
2,4,5-Trichlorophenol	12.8	1.25	"	25.0	ND	51.3	44-96				
2,4,6-Trichlorophenol	12.1	1.25	"	25.0	ND	48.5	39-107				
2,4-Dichlorophenol	10.5	1.25	"	25.0	ND	41.8	38-99				
2,4-Dimethylphenol	8.13	1.25	"	25.0	ND	32.5	10-116				
2,4-Dinitrophenol	24.7	1.25	"	25.0	ND	98.9	10-168				
2,4-Dinitrotoluene	15.9	5.00	"	25.0	ND	63.5	26-120				
2,6-Dinitrotoluene	15.4	5.00	"	25.0	ND	61.5	28-118				
2-Chloronaphthalene	9.12	5.00	"	25.0	ND	36.5	33-99				
2-Chlorophenol	8.12	1.25	"	25.0	ND	32.5	25-106				
2-Methylnaphthalene	9.58	5.00	"	25.0	ND	38.3	29-102				
2-Methylphenol	7.12	1.25	"	25.0	ND	28.5	10-118				
2-Nitroaniline	12.4	5.00	"	25.0	ND	49.7	48-99				
2-Nitrophenol	11.7	1.25	"	25.0	ND	47.0	36-103				
3- & 4-Methylphenols	6.08	1.25	"	25.0	ND	24.3	10-102				
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias			
3-Nitroaniline	7.19	5.00	"	25.0	ND	28.8	10-169				
4,6-Dinitro-2-methylphenol	23.9	1.25	"	25.0	ND	95.6	10-142				
4-Bromophenyl phenyl ether	12.4	5.00	"	25.0	ND	49.6	35-109				
4-Chloro-3-methylphenol	12.6	1.25	"	25.0	ND	50.6	20-117				
4-Chloroaniline	2.83	5.00	"	25.0	ND	11.3	24-116	Low Bias			
4-Chlorophenyl phenyl ether	11.4	5.00	"	25.0	ND	45.5	31-112				
4-Nitroaniline	5.34	5.00	"	25.0	ND	21.4	24-143	Low Bias			
4-Nitrophenol	5.10	1.25	"	25.0	ND	20.4	10-119				
Acenaphthene	10.6	0.0500	"	25.0	ND	42.6	17-132				
Acenaphthylene	9.46	0.0500	"	25.0	ND	37.8	13-124				
Acetophenone	9.97	5.00	"	25.0	ND	39.9	40-140	Low Bias			
Aniline	ND	5.00	"	25.0	ND		10-133	Low Bias			
Anthracene	11.7	0.0500	"	25.0	ND	47.0	40-105				
Atrazine	13.1	0.500	"	25.0	ND	52.5	40-140				
Benzaldehyde	8.91	5.00	"	25.0	ND	35.6	40-140	Low Bias			
Benzo(a)anthracene	12.8	0.0500	"	25.0	ND	51.0	23-141				
Benzo(a)pyrene	12.7	0.0500	"	25.0	ND	50.6	46-118				
Benzo(b)fluoranthene	13.5	0.0500	"	25.0	ND	54.0	22-133				
Benzo(g,h,i)perylene	13.2	0.0500	"	25.0	ND	52.6	10-126				
Benzo(k)fluoranthene	13.7	0.0500	"	25.0	ND	54.7	18-152				
Benzoic acid	ND	50.0	"	25.0	ND		10-162	Low Bias			
Benzyl alcohol	5.86	5.00	"	25.0	ND	23.4	10-114				
Benzyl butyl phthalate	12.3	5.00	"	25.0	ND	49.2	31-121				
Bis(2-chloroethoxy)methane	10.1	5.00	"	25.0	ND	40.2	23-110				
Bis(2-chloroethyl)ether	9.37	1.25	"	25.0	ND	37.5	10-132				
Bis(2-chloroisopropyl)ether	9.78	5.00	"	25.0	ND	39.1	12-132				
Bis(2-ethylhexyl)phthalate	14.3	0.500	"	25.0	1.83	49.7	14-131				
Caprolactam	ND	5.00	"	25.0	ND		40-140	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike (BI31705-MS1) Matrix Spike	*Source sample: 23I1352-02 (Matrix Spike)							Prepared: 09/27/2023 Analyzed: 09/28/2023			
Carbazole	12.8	5.00	ug/L	25.0	ND	51.0	10-169				
Chrysene	12.8	0.0500	"	25.0	ND	51.2	30-127				
Dibenzo(a,h)anthracene	13.1	0.0500	"	25.0	ND	52.4	10-131				
Dibenzofuran	10.7	5.00	"	25.0	ND	42.8	37-103				
Diethyl phthalate	11.9	5.00	"	25.0	ND	47.8	41-106				
Dimethyl phthalate	11.6	5.00	"	25.0	ND	46.6	38-105				
Di-n-butyl phthalate	12.2	5.00	"	25.0	ND	49.0	24-121				
Di-n-octyl phthalate	13.0	5.00	"	25.0	ND	52.0	25-141				
Fluoranthene	12.8	0.0500	"	25.0	ND	51.2	29-123				
Fluorene	11.0	0.0500	"	25.0	ND	44.1	20-133				
Hexachlorobenzene	10.8	0.0200	"	25.0	ND	43.2	24-120				
Hexachlorobutadiene	8.06	0.500	"	25.0	ND	32.2	26-98				
Hexachlorocyclopentadiene	5.84	5.00	"	25.0	ND	23.4	10-103				
Hexachloroethane	7.71	0.500	"	25.0	ND	30.8	11-102				
Indeno(1,2,3-cd)pyrene	12.9	0.0500	"	25.0	ND	51.6	10-130				
Isophorone	11.0	5.00	"	25.0	ND	44.0	19-113				
Naphthalene	8.70	0.0500	"	25.0	ND	34.8	26-104				
Nitrobenzene	13.1	0.250	"	25.0	ND	52.5	25-107				
N-Nitrosodimethylamine	4.15	0.500	"	25.0	ND	16.6	10-110				
N-nitroso-di-n-propylamine	10.4	5.00	"	25.0	ND	41.6	16-127				
N-Nitrosodiphenylamine	13.2	5.00	"	25.0	ND	52.7	46-116				
Pentachlorophenol	18.4	0.250	"	25.0	ND	73.4	10-181				
Phenanthrene	12.0	0.0500	"	25.0	ND	48.0	29-121				
Phenol	3.21	1.25	"	25.0	ND	12.8	10-107				
Pyrene	12.1	0.0500	"	25.0	ND	48.4	34-129				
Pyridine	ND	5.00	"	25.5	ND		10-73	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*8.96*		*"*	*50.0*		*17.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.96*		*"*	*50.0*		*11.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.7*		*"*	*25.0*		*46.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*10.2*		*"*	*25.0*		*40.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.8*		*"*	*50.0*		*75.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.1*		*"*	*25.0*		*56.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BI31705 - EPA 3510C

Matrix Spike Dup (BI31705-M Matrix Spike Dup Source sample: 23I1352-02 (Matrix Spike Dup) Prepared: 09/27/2023 Analyzed: 09/28/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	10.4	5.00	ug/L	25.0	ND	41.8	40-140		10.5	20	
1,2,4,5-Tetrachlorobenzene	14.9	5.00	"	25.0	ND	59.4	40-140		13.5	20	
1,2,4-Trichlorobenzene	9.45	5.00	"	25.0	ND	37.8	31-92		10.9	20	
1,2-Dichlorobenzene	8.38	5.00	"	25.0	ND	33.5	31-91		8.07	20	
1,2-Diphenylhydrazine (as Azobenzene)	11.8	5.00	"	25.0	ND	47.0	40-140		4.79	20	
1,3-Dichlorobenzene	7.99	5.00	"	25.0	ND	32.0	24-93		7.13	20	
1,4-Dichlorobenzene	8.12	5.00	"	25.0	ND	32.5	26-95		8.74	20	
2,3,4,6-Tetrachlorophenol	15.6	1.25	"	25.0	ND	62.6	30-130		2.66	20	
2,4,5-Trichlorophenol	13.4	1.25	"	25.0	ND	53.6	44-96		4.35	20	
2,4,6-Trichlorophenol	13.1	1.25	"	25.0	ND	52.5	39-107		8.00	20	
2,4-Dichlorophenol	11.7	1.25	"	25.0	ND	46.8	38-99		11.2	20	
2,4-Dimethylphenol	9.01	1.25	"	25.0	ND	36.0	10-116		10.3	20	
2,4-Dinitrophenol	26.9	1.25	"	25.0	ND	108	10-168		8.44	20	
2,4-Dinitrotoluene	16.4	5.00	"	25.0	ND	65.8	26-120		3.47	20	
2,6-Dinitrotoluene	16.1	5.00	"	25.0	ND	64.5	28-118		4.76	20	
2-Chloronaphthalene	10.1	5.00	"	25.0	ND	40.2	33-99		9.80	20	
2-Chlorophenol	8.80	1.25	"	25.0	ND	35.2	25-106		8.04	20	
2-Methylnaphthalene	10.5	5.00	"	25.0	ND	42.0	29-102		9.07	20	
2-Methylphenol	7.64	1.25	"	25.0	ND	30.6	10-118		7.05	20	
2-Nitroaniline	13.4	5.00	"	25.0	ND	53.6	48-99		7.59	20	
2-Nitrophenol	12.9	1.25	"	25.0	ND	51.6	36-103		9.34	20	
3- & 4-Methylphenols	6.35	1.25	"	25.0	ND	25.4	10-102		4.34	20	
3,3-Dichlorobenzidine	ND	5.00	"	25.0	ND		10-140	Low Bias		20	
3-Nitroaniline	8.47	5.00	"	25.0	ND	33.9	10-169		16.3	20	
4,6-Dinitro-2-methylphenol	25.5	1.25	"	25.0	ND	102	10-142		6.51	20	
4-Bromophenyl phenyl ether	12.8	5.00	"	25.0	ND	51.0	35-109		2.94	20	
4-Chloro-3-methylphenol	13.0	1.25	"	25.0	ND	52.2	20-117		3.11	20	
4-Chloroaniline	4.31	5.00	"	25.0	ND	17.2	24-116	Low Bias	41.5	20	Non-dir.
4-Chlorophenyl phenyl ether	12.0	5.00	"	25.0	ND	47.8	31-112		4.97	20	
4-Nitroaniline	5.96	5.00	"	25.0	ND	23.8	24-143	Low Bias	11.0	20	
4-Nitrophenol	5.42	1.25	"	25.0	ND	21.7	10-119		6.08	20	
Acenaphthene	11.3	0.0500	"	25.0	ND	45.2	17-132		5.93	20	
Acenaphthylene	10.2	0.0500	"	25.0	ND	40.6	13-124		7.14	20	
Acetophenone	10.3	5.00	"	25.0	ND	41.2	40-140		3.16	20	
Aniline	2.60	5.00	"	25.0	ND	10.4	10-133			20	
Anthracene	12.1	0.0500	"	25.0	ND	48.4	40-105		3.02	20	
Atrazine	14.2	0.500	"	25.0	ND	56.9	40-140		8.05	20	
Benzaldehyde	9.47	5.00	"	25.0	ND	37.9	40-140	Low Bias	6.09	20	
Benzo(a)anthracene	12.9	0.0500	"	25.0	ND	51.4	23-141		0.859	20	
Benzo(a)pyrene	12.6	0.0500	"	25.0	ND	50.2	46-118		0.793	20	
Benzo(b)fluoranthene	13.4	0.0500	"	25.0	ND	53.7	22-133		0.668	20	
Benzo(g,h,i)perylene	13.3	0.0500	"	25.0	ND	53.1	10-126		0.908	20	
Benzo(k)fluoranthene	13.6	0.0500	"	25.0	ND	54.3	18-152		0.734	20	
Benzoic acid	ND	50.0	"	25.0	ND		10-162	Low Bias		20	
Benzyl alcohol	6.87	5.00	"	25.0	ND	27.5	10-114		15.9	20	
Benzyl butyl phthalate	12.5	5.00	"	25.0	ND	50.0	31-121		1.53	20	
Bis(2-chloroethoxy)methane	11.5	5.00	"	25.0	ND	45.9	23-110		13.1	20	
Bis(2-chloroethyl)ether	10.1	1.25	"	25.0	ND	40.6	10-132		7.89	20	
Bis(2-chloroisopropyl)ether	10.4	5.00	"	25.0	ND	41.7	12-132		6.34	20	
Bis(2-ethylhexyl)phthalate	15.1	0.500	"	25.0	1.83	53.0	14-131		5.66	20	
Caprolactam	ND	5.00	"	25.0	ND		40-140	Low Bias		20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31705 - EPA 3510C											
Matrix Spike Dup (BI31705-M Matrix Spike Dup	*Source sample: 23I1352-02 (Matrix Spike Dup)								Prepared: 09/27/2023 Analyzed: 09/28/2023		
Carbazole	12.8	5.00	ug/L	25.0	ND	51.4	10-169		0.703	20	
Chrysene	12.7	0.0500	"	25.0	ND	50.9	30-127		0.470	20	
Dibenzo(a,h)anthracene	13.3	0.0500	"	25.0	ND	53.2	10-131		1.59	20	
Dibenzofuran	11.2	5.00	"	25.0	ND	45.0	37-103		5.02	20	
Diethyl phthalate	12.4	5.00	"	25.0	ND	49.6	41-106		3.78	20	
Dimethyl phthalate	12.5	5.00	"	25.0	ND	50.1	38-105		7.28	20	
Di-n-butyl phthalate	12.6	5.00	"	25.0	ND	50.6	24-121		3.21	20	
Di-n-octyl phthalate	13.3	5.00	"	25.0	ND	53.4	25-141		2.58	20	
Fluoranthene	12.9	0.0500	"	25.0	ND	51.7	29-123		1.01	20	
Fluorene	11.5	0.0500	"	25.0	ND	46.0	20-133		4.35	20	
Hexachlorobenzene	11.3	0.0200	"	25.0	ND	45.2	24-120		4.44	20	
Hexachlorobutadiene	9.54	0.500	"	25.0	ND	38.2	26-98		16.8	20	
Hexachlorocyclopentadiene	6.83	5.00	"	25.0	ND	27.3	10-103		15.6	20	
Hexachloroethane	8.20	0.500	"	25.0	ND	32.8	11-102		6.16	20	
Indeno(1,2,3-cd)pyrene	13.0	0.0500	"	25.0	ND	51.9	10-130		0.541	20	
Isophorone	12.3	5.00	"	25.0	ND	49.2	19-113		11.1	20	
Naphthalene	9.40	0.0500	"	25.0	ND	37.6	26-104		7.73	20	
Nitrobenzene	15.0	0.250	"	25.0	ND	60.2	25-107		13.6	20	
N-Nitrosodimethylamine	4.73	0.500	"	25.0	ND	18.9	10-110		13.1	20	
N-nitroso-di-n-propylamine	10.8	5.00	"	25.0	ND	43.3	16-127		4.05	20	
N-Nitrosodiphenylamine	13.5	5.00	"	25.0	ND	54.0	46-116		2.47	20	
Pentachlorophenol	18.8	0.250	"	25.0	ND	75.0	10-181		2.10	20	
Phenanthrene	12.2	0.0500	"	25.0	ND	48.9	29-121		1.73	20	
Phenol	3.32	1.25	"	25.0	ND	13.3	10-107		3.37	20	
Pyrene	12.3	0.0500	"	25.0	ND	49.1	34-129		1.39	20	
Pyridine	ND	5.00	"	25.5	ND		10-73	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*9.59*		*"*	*50.0*		*19.2*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*5.87*		*"*	*50.0*		*11.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*12.5*		*"*	*25.0*		*50.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*11.0*		*"*	*25.0*		*43.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*37.2*		*"*	*50.0*		*74.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*13.9*		*"*	*25.0*		*55.5*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Blank (BI31791-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	1.25	"								
2,4,5-Trichlorophenol	ND	1.25	"								
2,4,6-Trichlorophenol	ND	1.25	"								
2,4-Dichlorophenol	ND	1.25	"								
2,4-Dimethylphenol	ND	1.25	"								
2,4-Dinitrophenol	ND	1.25	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	1.25	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	1.25	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	1.25	"								
3- & 4-Methylphenols	ND	1.25	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	1.25	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	1.25	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	1.25	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	20.0	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	50.0	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	1.25	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Blank (BI31791-BLK1) Blank									Prepared & Analyzed: 09/28/2023		
Caprolactam	ND	5.00	ug/L								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	5.00	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	1.25	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*12.8*		"	*50.0*		*25.6*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.36*		"	*50.0*		*12.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.8*		"	*25.0*		*63.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.6*		"	*25.0*		*54.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*31.1*		"	*50.0*		*62.2*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.5*		"	*25.0*		*65.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
LCS (BI31791-BS1) LCS							Prepared & Analyzed: 09/28/2023				
1,1-Biphenyl	13.4	5.00	ug/L	25.0		53.5	21-102				
1,2,4,5-Tetrachlorobenzene	19.4	5.00	"	25.0		77.6	28-105				
1,2,4-Trichlorobenzene	14.3	5.00	"	25.0		57.1	35-91				
1,2-Dichlorobenzene	12.1	5.00	"	25.0		48.5	42-85				
1,2-Diphenylhydrazine (as Azobenzene)	11.9	5.00	"	25.0		47.7	16-137				
1,3-Dichlorobenzene	12.4	5.00	"	25.0		49.4	45-80				
1,4-Dichlorobenzene	12.2	5.00	"	25.0		48.7	42-82				
2,3,4,6-Tetrachlorophenol	18.6	1.25	"	25.0		74.3	30-130				
2,4,5-Trichlorophenol	14.5	1.25	"	25.0		57.8	36-112				
2,4,6-Trichlorophenol	14.5	1.25	"	25.0		57.8	41-107				
2,4-Dichlorophenol	14.0	1.25	"	25.0		56.1	43-92				
2,4-Dimethylphenol	12.7	1.25	"	25.0		50.9	25-92				
2,4-Dinitrophenol	21.8	1.25	"	25.0		87.1	10-149				
2,4-Dinitrotoluene	16.9	5.00	"	25.0		67.6	41-114				
2,6-Dinitrotoluene	15.2	5.00	"	25.0		60.6	49-106				
2-Chloronaphthalene	12.6	5.00	"	25.0		50.4	40-96				
2-Chlorophenol	12.2	1.25	"	25.0		49.0	35-84				
2-Methylnaphthalene	13.3	5.00	"	25.0		53.2	33-101				
2-Methylphenol	9.42	1.25	"	25.0		37.7	10-90				
2-Nitroaniline	15.4	5.00	"	25.0		61.7	31-122				
2-Nitrophenol	16.2	1.25	"	25.0		64.7	37-97				
3- & 4-Methylphenols	7.06	1.25	"	25.0		28.2	10-101				
3,3-Dichlorobenzidine	11.7	5.00	"	25.0		47.0	25-155				
3-Nitroaniline	13.8	5.00	"	25.0		55.0	29-128				
4,6-Dinitro-2-methylphenol	17.4	1.25	"	25.0		69.7	10-135				
4-Bromophenyl phenyl ether	11.9	5.00	"	25.0		47.5	38-116				
4-Chloro-3-methylphenol	14.3	1.25	"	25.0		57.2	28-101				
4-Chloroaniline	11.4	5.00	"	25.0		45.5	10-154				
4-Chlorophenyl phenyl ether	13.8	5.00	"	25.0		55.3	34-112				
4-Nitroaniline	13.4	5.00	"	25.0		53.5	15-143				
4-Nitrophenol	5.22	1.25	"	25.0		20.9	10-112				
Acenaphthene	13.1	0.0500	"	25.0		52.2	24-114				
Acenaphthylene	12.4	0.0500	"	25.0		49.5	26-112				
Acetophenone	13.1	5.00	"	25.0		52.4	47-92				
Aniline	6.78	5.00	"	25.0		27.1	10-107				
Anthracene	14.7	0.0500	"	25.0		58.9	35-114				
Atrazine	11.7	0.500	"	25.0		46.8	43-101				
Benzaldehyde	11.9	5.00	"	25.0		47.7	17-117				
Benzo(a)anthracene	14.6	0.0500	"	25.0		58.2	38-127				
Benzo(a)pyrene	14.2	0.0500	"	25.0		56.8	30-146				
Benzo(b)fluoranthene	13.8	0.0500	"	25.0		55.4	36-145				
Benzo(g,h,i)perylene	15.2	0.0500	"	25.0		61.0	10-163				
Benzo(k)fluoranthene	14.0	0.0500	"	25.0		55.9	16-149				
Benzoic acid	ND	50.0	"	25.0			30-130	Low Bias			
Benzyl alcohol	7.75	5.00	"	25.0		31.0	18-75				
Benzyl butyl phthalate	15.2	5.00	"	25.0		60.6	28-129				
Bis(2-chloroethoxy)methane	13.4	5.00	"	25.0		53.5	27-112				
Bis(2-chloroethyl)ether	12.4	1.25	"	25.0		49.4	24-114				
Bis(2-chloroisopropyl)ether	10.6	5.00	"	25.0		42.4	21-124				
Bis(2-ethylhexyl)phthalate	15.2	0.500	"	25.0		61.0	10-171				
Caprolactam	ND	5.00	"	25.0			10-29	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
LCS (BI31791-BS1) LCS							Prepared & Analyzed: 09/28/2023				
Carbazole	15.6	5.00	ug/L	25.0		62.3	49-116				
Chrysene	14.1	0.0500	"	25.0		56.3	33-120				
Dibenzo(a,h)anthracene	15.0	0.0500	"	25.0		60.0	10-149				
Dibenzofuran	13.2	5.00	"	25.0		53.0	42-105				
Diethyl phthalate	14.2	5.00	"	25.0		56.7	38-112				
Dimethyl phthalate	14.2	5.00	"	25.0		56.9	49-106				
Di-n-butyl phthalate	16.2	5.00	"	25.0		64.6	36-110				
Di-n-octyl phthalate	15.1	5.00	"	25.0		60.4	12-149				
Fluoranthene	15.3	0.0500	"	25.0		61.4	33-126				
Fluorene	13.6	0.0500	"	25.0		54.4	28-117				
Hexachlorobenzene	13.6	0.0200	"	25.0		54.2	27-120				
Hexachlorobutadiene	13.4	0.500	"	25.0		53.8	25-106				
Hexachlorocyclopentadiene	7.11	5.00	"	25.0		28.4	10-99				
Hexachloroethane	13.1	0.500	"	25.0		52.5	33-84				
Indeno(1,2,3-cd)pyrene	15.8	0.0500	"	25.0		63.2	10-150				
Isophorone	14.8	5.00	"	25.0		59.3	29-115				
Naphthalene	13.3	0.0500	"	25.0		53.3	30-99				
Nitrobenzene	15.4	0.250	"	25.0		61.6	32-113				
N-Nitrosodimethylamine	5.40	0.500	"	25.0		21.6	10-63				
N-nitroso-di-n-propylamine	12.7	5.00	"	25.0		50.8	36-118				
N-Nitrosodiphenylamine	12.5	5.00	"	25.0		50.2	27-145				
Pentachlorophenol	10.8	0.250	"	25.0		43.2	19-127				
Phenanthrene	13.9	0.0500	"	25.0		55.6	31-112				
Phenol	3.94	1.25	"	25.0		15.8	10-37				
Pyrene	14.5	0.0500	"	25.0		58.1	42-125				
Pyridine	4.07	5.00	"	35.0		11.6	10-46				
Surrogate: SURR: 2-Fluorophenol	*13.2*		"	*50.0*		*26.4*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*6.95*		"	*50.0*		*13.9*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*16.5*		"	*25.0*		*65.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.5*		"	*25.0*		*54.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*30.3*		"	*50.0*		*60.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.6*		"	*25.0*		*58.3*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

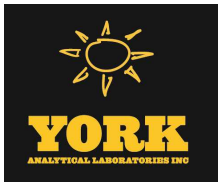
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Matrix Spike (BI31791-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
1,1-Biphenyl	17.7	5.56	ug/L	27.8	ND	63.9	40-140				
1,2,4,5-Tetrachlorobenzene	25.5	5.56	"	27.8	ND	91.8	40-140				
1,2,4-Trichlorobenzene	18.2	5.56	"	27.8	ND	65.5	31-92				
1,2-Dichlorobenzene	16.0	5.56	"	27.8	ND	57.5	31-91				
1,2-Diphenylhydrazine (as Azobenzene)	15.4	5.56	"	27.8	ND	55.5	40-140				
1,3-Dichlorobenzene	16.0	5.56	"	27.8	ND	57.7	24-93				
1,4-Dichlorobenzene	15.9	5.56	"	27.8	ND	57.2	26-95				
2,3,4,6-Tetrachlorophenol	24.6	1.39	"	27.8	ND	88.6	30-130				
2,4,5-Trichlorophenol	19.1	1.39	"	27.8	ND	68.6	44-96				
2,4,6-Trichlorophenol	19.1	1.39	"	27.8	ND	68.6	39-107				
2,4-Dichlorophenol	17.9	1.39	"	27.8	ND	64.6	38-99				
2,4-Dimethylphenol	15.3	1.39	"	27.8	ND	55.1	10-116				
2,4-Dinitrophenol	29.8	1.39	"	27.8	ND	107	10-168				
2,4-Dinitrotoluene	20.7	5.56	"	27.8	ND	74.7	26-120				
2,6-Dinitrotoluene	20.0	5.56	"	27.8	ND	71.8	28-118				
2-Chloronaphthalene	17.2	5.56	"	27.8	ND	61.8	33-99				
2-Chlorophenol	14.6	1.39	"	27.8	ND	52.6	25-106				
2-Methylnaphthalene	17.5	5.56	"	27.8	ND	63.0	29-102				
2-Methylphenol	11.5	1.39	"	27.8	ND	41.4	10-118				
2-Nitroaniline	20.6	5.56	"	27.8	ND	74.0	48-99				
2-Nitrophenol	20.5	1.39	"	27.8	ND	74.0	36-103				
3- & 4-Methylphenols	8.84	1.39	"	27.8	ND	31.8	10-102				
3,3-Dichlorobenzidine	9.20	5.56	"	27.8	ND	33.1	10-140				
3-Nitroaniline	16.5	5.56	"	27.8	ND	59.3	10-169				
4,6-Dinitro-2-methylphenol	23.4	1.39	"	27.8	ND	84.2	10-142				
4-Bromophenyl phenyl ether	15.2	5.56	"	27.8	ND	54.8	35-109				
4-Chloro-3-methylphenol	17.7	1.39	"	27.8	ND	63.7	20-117				
4-Chloroaniline	13.4	5.56	"	27.8	ND	48.3	24-116				
4-Chlorophenyl phenyl ether	18.6	5.56	"	27.8	ND	67.1	31-112				
4-Nitroaniline	17.3	5.56	"	27.8	ND	62.2	24-143				
4-Nitrophenol	6.99	1.39	"	27.8	ND	25.2	10-119				
Acenaphthene	17.0	0.0556	"	27.8	ND	61.1	17-132				
Acenaphthylene	16.4	0.0556	"	27.8	ND	59.0	13-124				
Acetophenone	16.7	5.56	"	27.8	ND	60.2	40-140				
Aniline	7.92	5.56	"	27.8	ND	28.5	10-133				
Anthracene	18.7	0.0556	"	27.8	ND	67.2	40-105				
Atrazine	14.8	0.556	"	27.8	ND	53.1	40-140				
Benzaldehyde	15.1	5.56	"	27.8	ND	54.2	40-140				
Benzo(a)anthracene	18.9	0.0556	"	27.8	ND	68.0	23-141				
Benzo(a)pyrene	18.2	0.0556	"	27.8	ND	65.4	46-118				
Benzo(b)fluoranthene	18.1	0.0556	"	27.8	ND	65.3	22-133				
Benzo(g,h,i)perylene	18.5	0.0556	"	27.8	ND	66.5	10-126				
Benzo(k)fluoranthene	18.3	0.0556	"	27.8	ND	65.9	18-152				
Benzoic acid	ND	55.6	"	27.8	ND		10-162	Low Bias			
Benzyl alcohol	9.12	5.56	"	27.8	ND	32.8	10-114				
Benzyl butyl phthalate	19.8	5.56	"	27.8	ND	71.4	31-121				
Bis(2-chloroethoxy)methane	17.4	5.56	"	27.8	ND	62.5	23-110				
Bis(2-chloroethyl)ether	16.5	1.39	"	27.8	ND	59.4	10-132				
Bis(2-chloroisopropyl)ether	13.5	5.56	"	27.8	ND	48.6	12-132				
Bis(2-ethylhexyl)phthalate	19.9	0.556	"	27.8	ND	71.8	14-131				
Caprolactam	ND	5.56	"	27.8	ND		40-140	Low Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Matrix Spike (BI31791-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
Carbazole	19.9	5.56	ug/L	27.8	ND	71.6	10-169				
Chrysene	18.3	0.0556	"	27.8	ND	66.0	30-127				
Dibenzo(a,h)anthracene	19.3	0.0556	"	27.8	ND	69.4	10-131				
Dibenzofuran	17.4	5.56	"	27.8	ND	62.6	37-103				
Diethyl phthalate	18.2	5.56	"	27.8	ND	65.5	41-106				
Dimethyl phthalate	18.0	5.56	"	27.8	ND	64.9	38-105				
Di-n-butyl phthalate	21.0	5.56	"	27.8	ND	75.6	24-121				
Di-n-octyl phthalate	19.7	5.56	"	27.8	ND	70.9	25-141				
Fluoranthene	19.4	0.0556	"	27.8	ND	69.7	29-123				
Fluorene	17.1	0.0556	"	27.8	ND	61.4	20-133				
Hexachlorobenzene	16.2	0.0222	"	27.8	ND	58.3	24-120				
Hexachlorobutadiene	18.4	0.556	"	27.8	ND	66.3	26-98				
Hexachlorocyclopentadiene	10.1	5.56	"	27.8	ND	36.5	10-103				
Hexachloroethane	16.6	0.556	"	27.8	ND	59.8	11-102				
Indeno(1,2,3-cd)pyrene	19.3	0.0556	"	27.8	ND	69.4	10-130				
Isophorone	19.6	5.56	"	27.8	ND	70.5	19-113				
Naphthalene	17.1	0.0556	"	27.8	ND	61.6	26-104				
Nitrobenzene	20.1	0.278	"	27.8	ND	72.5	25-107				
N-Nitrosodimethylamine	7.14	0.556	"	27.8	ND	25.7	10-110				
N-nitroso-di-n-propylamine	16.9	5.56	"	27.8	ND	60.7	16-127				
N-Nitrosodiphenylamine	15.8	5.56	"	27.8	ND	56.9	46-116				
Pentachlorophenol	15.0	0.278	"	27.8	ND	53.9	10-181				
Phenanthrene	17.8	0.0556	"	27.8	ND	64.0	29-121				
Phenol	4.80	1.39	"	27.8	ND	17.3	10-107				
Pyrene	19.0	0.0556	"	27.8	ND	68.3	34-129				
Pyridine	3.82	5.56	"	38.9	ND	9.83	10-73	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*14.6*		*"*	*55.6*		*26.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*7.97*		*"*	*55.6*		*14.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.6*		*"*	*27.8*		*70.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.3*		*"*	*27.8*		*58.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*35.3*		*"*	*55.6*		*63.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*16.0*		*"*	*27.8*		*57.6*	*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Matrix Spike Dup (BI31791-M Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/28/2023			
1,1-Biphenyl	22.9	5.56	ug/L	27.8	ND	82.6	40-140		25.5	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	34.6	5.56	"	27.8	ND	125	40-140		30.2	20	Non-dir.
1,2,4-Trichlorobenzene	23.6	5.56	"	27.8	ND	84.8	31-92		25.7	20	Non-dir.
1,2-Dichlorobenzene	20.6	5.56	"	27.8	ND	74.2	31-91		25.3	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	20.6	5.56	"	27.8	ND	74.3	40-140		29.0	20	Non-dir.
1,3-Dichlorobenzene	20.8	5.56	"	27.8	ND	74.7	24-93		25.7	20	Non-dir.
1,4-Dichlorobenzene	20.5	5.56	"	27.8	ND	73.8	26-95		25.5	20	Non-dir.
2,3,4,6-Tetrachlorophenol	32.5	1.39	"	27.8	ND	117	30-130		27.8	20	Non-dir.
2,4,5-Trichlorophenol	25.9	1.39	"	27.8	ND	93.2	44-96		30.4	20	Non-dir.
2,4,6-Trichlorophenol	25.9	1.39	"	27.8	ND	93.2	39-107		30.4	20	Non-dir.
2,4-Dichlorophenol	23.6	1.39	"	27.8	ND	84.8	38-99		27.0	20	Non-dir.
2,4-Dimethylphenol	20.3	1.39	"	27.8	ND	73.2	10-116		28.1	20	Non-dir.
2,4-Dinitrophenol	43.6	1.39	"	27.8	ND	157	10-168		37.8	20	Non-dir.
2,4-Dinitrotoluene	27.5	5.56	"	27.8	ND	99.0	26-120		28.0	20	Non-dir.
2,6-Dinitrotoluene	26.0	5.56	"	27.8	ND	93.5	28-118		26.2	20	Non-dir.
2-Chloronaphthalene	22.9	5.56	"	27.8	ND	82.6	33-99		28.7	20	Non-dir.
2-Chlorophenol	19.1	1.39	"	27.8	ND	68.6	25-106		26.5	20	Non-dir.
2-Methylnaphthalene	22.9	5.56	"	27.8	ND	82.5	29-102		26.8	20	Non-dir.
2-Methylphenol	15.0	1.39	"	27.8	ND	53.8	10-118		26.0	20	Non-dir.
2-Nitroaniline	26.5	5.56	"	27.8	ND	95.4	48-99		25.2	20	Non-dir.
2-Nitrophenol	26.3	1.39	"	27.8	ND	94.8	36-103		24.7	20	Non-dir.
3- & 4-Methylphenols	11.9	1.39	"	27.8	ND	42.9	10-102		29.6	20	Non-dir.
3,3-Dichlorobenzidine	10.8	5.56	"	27.8	ND	38.8	10-140		15.8	20	
3-Nitroaniline	21.6	5.56	"	27.8	ND	77.8	10-169		27.0	20	Non-dir.
4,6-Dinitro-2-methylphenol	33.6	1.39	"	27.8	ND	121	10-142		35.8	20	Non-dir.
4-Bromophenyl phenyl ether	20.5	5.56	"	27.8	ND	73.9	35-109		29.7	20	Non-dir.
4-Chloro-3-methylphenol	23.9	1.39	"	27.8	ND	85.9	20-117		29.7	20	Non-dir.
4-Chloroaniline	17.0	5.56	"	27.8	ND	61.2	24-116		23.6	20	Non-dir.
4-Chlorophenyl phenyl ether	24.9	5.56	"	27.8	ND	89.7	31-112		28.8	20	Non-dir.
4-Nitroaniline	23.5	5.56	"	27.8	ND	84.7	24-143		30.6	20	Non-dir.
4-Nitrophenol	10.4	1.39	"	27.8	ND	37.6	10-119		39.6	20	Non-dir.
Acenaphthene	23.2	0.0556	"	27.8	ND	83.6	17-132		31.2	20	Non-dir.
Acenaphthylene	21.5	0.0556	"	27.8	ND	77.5	13-124		27.2	20	Non-dir.
Acetophenone	21.7	5.56	"	27.8	ND	78.2	40-140		26.1	20	Non-dir.
Aniline	10.1	5.56	"	27.8	ND	36.4	10-133		24.2	20	Non-dir.
Anthracene	25.5	0.0556	"	27.8	ND	91.8	40-105		31.0	20	Non-dir.
Atrazine	20.6	0.556	"	27.8	ND	74.1	40-140		33.0	20	Non-dir.
Benzaldehyde	18.1	5.56	"	27.8	ND	65.0	40-140		18.1	20	
Benzo(a)anthracene	26.2	0.0556	"	27.8	ND	94.4	23-141		32.6	20	Non-dir.
Benzo(a)pyrene	24.8	0.0556	"	27.8	ND	89.1	46-118		30.7	20	Non-dir.
Benzo(b)fluoranthene	24.2	0.0556	"	27.8	ND	87.0	22-133		28.6	20	Non-dir.
Benzo(g,h,i)perylene	26.5	0.0556	"	27.8	ND	95.3	10-126		35.6	20	Non-dir.
Benzo(k)fluoranthene	24.4	0.0556	"	27.8	ND	87.9	18-152		28.6	20	Non-dir.
Benzoic acid	ND	55.6	"	27.8	ND		10-162	Low Bias		20	
Benzyl alcohol	11.9	5.56	"	27.8	ND	42.8	10-114		26.2	20	Non-dir.
Benzyl butyl phthalate	27.5	5.56	"	27.8	ND	98.9	31-121		32.3	20	Non-dir.
Bis(2-chloroethoxy)methane	22.1	5.56	"	27.8	ND	79.6	23-110		24.1	20	Non-dir.
Bis(2-chloroethyl)ether	20.9	1.39	"	27.8	ND	75.3	10-132		23.5	20	Non-dir.
Bis(2-chloroisopropyl)ether	17.7	5.56	"	27.8	ND	63.6	12-132		26.9	20	Non-dir.
Bis(2-ethylhexyl)phthalate	27.0	0.556	"	27.8	ND	97.1	14-131		30.0	20	Non-dir.
Caprolactam	3.09	5.56	"	27.8	ND	11.1	40-140	Low Bias		20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31791 - EPA 3510C											
Matrix Spike Dup (BI31791-M Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/28/2023			
Carbazole	27.7	5.56	ug/L	27.8	ND	99.8	10-169		32.9	20	Non-dir.
Chrysene	25.0	0.0556	"	27.8	ND	90.0	30-127		30.9	20	Non-dir.
Dibenzo(a,h)anthracene	27.5	0.0556	"	27.8	ND	98.9	10-131		35.1	20	Non-dir.
Dibenzofuran	22.9	5.56	"	27.8	ND	82.6	37-103		27.5	20	Non-dir.
Diethyl phthalate	24.2	5.56	"	27.8	ND	87.1	41-106		28.4	20	Non-dir.
Dimethyl phthalate	23.6	5.56	"	27.8	ND	85.1	38-105		26.9	20	Non-dir.
Di-n-butyl phthalate	28.6	5.56	"	27.8	ND	103	24-121		30.5	20	Non-dir.
Di-n-octyl phthalate	26.4	5.56	"	27.8	ND	95.2	25-141		29.2	20	Non-dir.
Fluoranthene	26.8	0.0556	"	27.8	ND	96.4	29-123		32.1	20	Non-dir.
Fluorene	23.1	0.0556	"	27.8	ND	83.2	20-133		30.2	20	Non-dir.
Hexachlorobenzene	22.5	0.0222	"	27.8	ND	81.1	24-120		32.7	20	Non-dir.
Hexachlorobutadiene	24.6	0.556	"	27.8	ND	88.7	26-98		28.9	20	Non-dir.
Hexachlorocyclopentadiene	14.6	5.56	"	27.8	ND	52.7	10-103		36.4	20	Non-dir.
Hexachloroethane	21.4	0.556	"	27.8	ND	76.9	11-102		25.0	20	Non-dir.
Indeno(1,2,3-cd)pyrene	27.3	0.0556	"	27.8	ND	98.4	10-130		34.6	20	Non-dir.
Isophorone	25.1	5.56	"	27.8	ND	90.2	19-113		24.5	20	Non-dir.
Naphthalene	22.4	0.0556	"	27.8	ND	80.6	26-104		26.8	20	Non-dir.
Nitrobenzene	26.1	0.278	"	27.8	ND	93.8	25-107		25.7	20	Non-dir.
N-Nitrosodimethylamine	9.22	0.556	"	27.8	ND	33.2	10-110		25.4	20	Non-dir.
N-nitroso-di-n-propylamine	21.8	5.56	"	27.8	ND	78.6	16-127		25.7	20	Non-dir.
N-Nitrosodiphenylamine	21.7	5.56	"	27.8	ND	78.2	46-116		31.6	20	Non-dir.
Pentachlorophenol	23.2	0.278	"	27.8	ND	83.7	10-181		43.3	20	Non-dir.
Phenanthrene	24.4	0.0556	"	27.8	ND	88.0	29-121		31.5	20	Non-dir.
Phenol	6.33	1.39	"	27.8	ND	22.8	10-107		27.5	20	Non-dir.
Pyrene	26.2	0.0556	"	27.8	ND	94.4	34-129		32.2	20	Non-dir.
Pyridine	5.53	5.56	"	38.9	ND	14.2	10-73		36.6	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*18.2*		*"*	*55.6*		*32.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.70*		*"*	*55.6*		*17.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.0*		*"*	*27.8*		*82.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.9*		*"*	*27.8*		*71.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.3*		*"*	*55.6*		*81.5*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.0*		*"*	*27.8*		*72.0*	*30.7-106*				

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 BI31720 - EPA 3535A											
Blank (BI31720-BLK1) Blank									Prepared: 09/27/2023 Analyzed: 09/29/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.24*		*"*	*4.00*		*81.1*	*36.6-118*				
LCS (BI31720-BS1) LCS									Prepared: 09/27/2023 Analyzed: 09/29/2023		
1,4-Dioxane	4.16	0.300	ug/L	4.00		104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.04*		*"*	*4.00*		*76.1*	*36.6-118*				
Matrix Spike Dup (BI31720-M Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)								Prepared: 09/27/2023 Analyzed: 09/29/2023		
1,4-Dioxane	4.32	0.300	ug/L	4.00	ND	108	50-130			30	
Surrogate: 1,4-Dioxane-d8	*2.90*		*"*	*4.00*		*72.6*	*50-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31635 - EPA 1633 Prep											
Blank (BI31635-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/29/2023		
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 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	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 F	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	*54.1*		"	*46.6*		*116*	*25-150*				
Surrogate: M5PFHxA	*54.3*		"	*50.0*		*109*	*25-150*				
Surrogate: M4PFHpA	*77.5*		"	*50.0*		*155*	*25-150*				
Surrogate: M3PFHxS	*50.0*		"	*47.4*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*54.7*		"	*50.0*		*109*	*25-150*				
Surrogate: M6PFDA	*26.9*		"	*25.0*		*108*	*25-150*				
Surrogate: M7PFUdA	*24.8*		"	*25.0*		*99.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*22.3*		"	*25.0*		*89.3*	*25-150*				
Surrogate: M2PFTeDA	*11.9*		"	*25.0*		*47.5*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31635 - EPA 1633 Prep											
Blank (BI31635-BLK1) Blank									Prepared: 09/26/2023 Analyzed: 09/29/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*185*		*ng/L*	*200*		*92.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.7*		*"*	*47.9*		*95.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*108*		*"*	*100*		*108*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.8*		*"*	*50.0*		*114*	*10-150*				
Surrogate: d3-N-MeFOSAA	*112*		*"*	*100*		*112*	*25-150*				
Surrogate: d5-N-EtFOSAA	*111*		*"*	*100*		*111*	*25-150*				
Surrogate: M2-6:2 FTS	*96.2*		*"*	*95.1*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*78.5*		*"*	*96.0*		*81.7*	*25-200*				
Surrogate: M9PFNA	*27.7*		*"*	*25.0*		*111*	*25-150*				
Surrogate: M2-4:2 FTS	*86.5*		*"*	*93.8*		*92.2*	*25-150*				
Surrogate: d-N-MeFOSA	*37.3*		*"*	*50.0*		*74.6*	*25-150*				
Surrogate: d-N-EtFOSA	*25.6*		*"*	*50.0*		*51.3*	*25-150*				
Surrogate: M3HFPO-DA	*286*		*"*	*200*		*143*	*25-150*				
Surrogate: d9-N-EtFOSE	*146*		*"*	*500*		*29.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*194*		*"*	*500*		*38.8*	*25-150*				
LCS (BI31635-BS1) LCS									Prepared: 09/26/2023 Analyzed: 09/29/2023		
Perfluorobutanesulfonic acid (PFBS)	58.4	3.54	ng/L	70.8		82.5	50-150				
Perfluorohexanoic acid (PFHxA)	61.4	4.00	"	80.0		76.7	50-150				
Perfluoroheptanoic acid (PFHpA)	41.5	4.00	"	80.0		51.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	57.7	3.66	"	73.2		78.9	50-150				
Perfluorooctanoic acid (PFOA)	66.1	4.00	"	80.0		82.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	64.5	3.72	"	74.4		86.8	50-150				
Perfluorononanoic acid (PFNA)	73.3	4.00	"	80.0		91.7	50-150				
Perfluorodecanoic acid (PFDA)	68.4	4.00	"	80.0		85.6	50-150				
Perfluoroundecanoic acid (PFUnA)	74.9	4.00	"	80.0		93.7	50-150				
Perfluorododecanoic acid (PFDoA)	66.2	4.00	"	80.0		82.7	50-150				
Perfluorotridecanoic acid (PFTrDA)	75.1	4.00	"	80.0		93.9	50-150				
Perfluorotetradecanoic acid (PFTA)	65.6	4.00	"	80.0		82.0	50-150				
N-MeFOSAA	52.4	4.00	"	80.0		65.5	50-150				
N-EtFOSAA	63.2	4.00	"	80.0		79.0	50-150				
Perfluoropentanoic acid (PFPeA)	125	8.00	"	160		77.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	63.6	4.00	"	80.0		79.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	66.5	3.82	"	76.4		87.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	65.8	3.86	"	77.2		85.2	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	227	15.2	"	304		74.7	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	229	15.4	"	307		74.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	254	16.0	"	320		79.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	120	7.12	"	142		84.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	127	8.00	"	160		79.6	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	141	8.00	"	160		88.1	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	135	8.00	"	160		84.2	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	63.7	3.76	"	75.2		84.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	243	15.0	"	300		81.1	50-150				
HFPO-DA (Gen-X)	144	16.0	"	160		90.1	50-150				
11CL-PF3OUdS	89.5	15.1	"	151		59.2	50-150				
9CL-PF3ONS	94.8	15.0	"	150		63.4	50-150				
ADONA	98.5	15.1	"	151		65.2	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 BI31635 - EPA 1633 Prep											
LCS (BI31635-BS1) LCS								Prepared: 09/26/2023 Analyzed: 09/29/2023			
Perfluorododecanesulfonic acid (PFDoS)	41.2	3.88	ng/L	77.6		53.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	76.8	3.84	"	76.8		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	304	10.0	"	320		94.9	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	1360	50.0	"	1600		85.3	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1080	50.0	"	1600		67.8	50-150				
N-MeFOSE	785	40.0	"	800		98.2	50-150				
N-MeFOSA	79.4	4.00	"	80.0		99.2	50-150				
N-EtFOSE	582	40.0	"	800		72.7	50-150				
N-EtFOSA	76.7	4.00	"	80.0		95.8	50-150				
Surrogate: M3PFBS	*52.5*		*"*	*46.6*		*113*	*25-150*				
Surrogate: M5PFHxA	*47.8*		*"*	*50.0*		*95.6*	*25-150*				
Surrogate: M4PFHpA	*69.4*		*"*	*50.0*		*139*	*25-150*				
Surrogate: M3PFHxS	*49.2*		*"*	*47.4*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*48.3*		*"*	*50.0*		*96.6*	*25-150*				
Surrogate: M6PFDA	*20.4*		*"*	*25.0*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*19.6*		*"*	*25.0*		*78.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*20.0*		*"*	*25.0*		*80.1*	*25-150*				
Surrogate: M2PFTeDA	*12.8*		*"*	*25.0*		*51.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*171*		*"*	*200*		*85.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*45.3*		*"*	*47.9*		*94.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*96.2*		*"*	*100*		*96.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*50.7*		*"*	*50.0*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*102*		*"*	*100*		*102*	*25-150*				
Surrogate: d5-N-EtFOSAA	*102*		*"*	*100*		*102*	*25-150*				
Surrogate: M2-6:2 FTS	*96.2*		*"*	*95.1*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*85.6*		*"*	*96.0*		*89.1*	*25-200*				
Surrogate: M9PFNA	*23.5*		*"*	*25.0*		*94.1*	*25-150*				
Surrogate: M2-4:2 FTS	*85.3*		*"*	*93.8*		*90.9*	*25-150*				
Surrogate: d-N-MeFOSA	*36.3*		*"*	*50.0*		*72.6*	*25-150*				
Surrogate: d-N-EtFOSA	*26.3*		*"*	*50.0*		*52.6*	*25-150*				
Surrogate: M3HFPO-DA	*247*		*"*	*200*		*123*	*25-150*				
Surrogate: d9-N-EtFOSE	*193*		*"*	*500*		*38.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*218*		*"*	*500*		*43.6*	*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 BI31635 - EPA 1633 Prep											
LCS (BI31635-BS2) LCS								Prepared: 09/26/2023 Analyzed: 09/29/2023			
Perfluorobutanesulfonic acid (PFBS)	12.1	3.54	ng/L	14.2		85.4	50-150				
Perfluorohexanoic acid (PFHxA)	11.7	4.00	"	16.0		73.2	50-150				
Perfluoroheptanoic acid (PFHpA)	8.26	4.00	"	16.0		51.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	10.5	3.66	"	14.6		71.6	50-150				
Perfluorooctanoic acid (PFOA)	13.6	4.00	"	16.0		84.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	12.0	3.72	"	14.9		80.4	50-150				
Perfluorononanoic acid (PFNA)	12.9	4.00	"	16.0		80.9	50-150				
Perfluorodecanoic acid (PFDA)	12.6	4.00	"	16.0		78.9	50-150				
Perfluoroundecanoic acid (PFUnA)	15.8	4.00	"	16.0		98.7	50-150				
Perfluorododecanoic acid (PFDoA)	12.6	4.00	"	16.0		78.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	15.2	4.00	"	16.0		94.9	50-150				
Perfluorotetradecanoic acid (PFTA)	11.6	4.00	"	16.0		72.3	50-150				
N-MeFOSAA	13.4	4.00	"	16.0		83.8	50-150				
N-EtFOSAA	10.9	4.00	"	16.0		68.4	50-150				
Perfluoropentanoic acid (PFPeA)	24.6	8.00	"	32.0		76.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	13.0	4.00	"	16.0		81.1	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	14.1	3.82	"	15.3		92.4	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	11.0	3.86	"	15.4		71.4	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	46.4	15.2	"	60.8		76.3	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	53.8	15.4	"	61.4		87.6	50-150				
Perfluoro-n-butanoic acid (PFBA)	49.0	16.0	"	64.0		76.6	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	24.4	7.12	"	28.5		85.8	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	27.0	8.00	"	32.0		84.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	29.4	8.00	"	32.0		92.0	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	26.8	8.00	"	32.0		83.8	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	12.0	3.76	"	15.0		79.7	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	51.0	15.0	"	60.0		85.1	50-150				
HFPO-DA (Gen-X)	26.1	16.0	"	32.0		81.7	50-150				
11CL-PF3OUdS	16.2	15.1	"	30.2		53.5	50-150				
9CL-PF3ONS	21.8	15.0	"	29.9		73.0	50-150				
ADONA	19.7	15.1	"	30.2		65.1	50-150				
Perfluorododecanesulfonic acid (PFDoS)	7.46	3.88	"	15.5		48.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	15.5	3.84	"	15.4		101	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	62.4	10.0	"	64.0		97.5	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	271	50.0	"	320		84.7	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	225	50.0	"	320		70.2	50-150				
N-MeFOSE	151	40.0	"	160		94.3	50-150				
N-MeFOSA	16.0	4.00	"	16.0		99.8	50-150				
N-EtFOSE	124	40.0	"	160		77.7	50-150				
N-EtFOSA	17.1	4.00	"	16.0		107	50-150				
Surrogate: M3PFBS	*46.9*		"	*46.6*		*101*	*25-150*				
Surrogate: M5PFHxA	*48.3*		"	*50.0*		*96.6*	*25-150*				
Surrogate: M4PFHpA	*71.3*		"	*50.0*		*143*	*25-150*				
Surrogate: M3PFHxS	*45.4*		"	*47.4*		*95.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*47.9*		"	*50.0*		*95.7*	*25-150*				
Surrogate: M6PFDA	*25.0*		"	*25.0*		*99.9*	*25-150*				
Surrogate: M7PFUdA	*22.4*		"	*25.0*		*89.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*21.3*		"	*25.0*		*85.2*	*25-150*				
Surrogate: M2PFTeDA	*14.3*		"	*25.0*		*57.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31635 - EPA 1633 Prep											
LCS (BI31635-BS2) LCS									Prepared: 09/26/2023 Analyzed: 09/29/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*180*		*ng/L*	*200*		*89.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*48.0*		*"*	*47.9*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*99.5*		*"*	*100*		*99.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*53.3*		*"*	*50.0*		*107*	*10-150*				
Surrogate: d3-N-MeFOSAA	*99.7*		*"*	*100*		*99.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*112*		*"*	*100*		*112*	*25-150*				
Surrogate: M2-6:2 FTS	*84.4*		*"*	*95.1*		*88.8*	*25-200*				
Surrogate: M2-8:2 FTS	*73.5*		*"*	*96.0*		*76.6*	*25-200*				
Surrogate: M9PFNA	*25.3*		*"*	*25.0*		*101*	*25-150*				
Surrogate: M2-4:2 FTS	*75.7*		*"*	*93.8*		*80.7*	*25-150*				
Surrogate: d-N-MeFOSA	*35.1*		*"*	*50.0*		*70.2*	*25-150*				
Surrogate: d-N-EtFOSA	*24.2*		*"*	*50.0*		*48.5*	*25-150*				
Surrogate: M3HFPO-DA	*256*		*"*	*200*		*128*	*25-150*				
Surrogate: d9-N-EtFOSE	*177*		*"*	*500*		*35.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*193*		*"*	*500*		*38.7*	*25-150*				
Duplicate (BI31635-DUP1) Duplicate					*Source sample: 23I1599-01 (Duplicate)				Prepared: 09/26/2023 Analyzed: 09/29/2023		
Perfluorobutanesulfonic acid (PFBS)	1.97	1.72	ng/L						200	30	Non-dir.
Perfluorohexanoic acid (PFHxA)	6.60	1.94	"						200	30	Non-dir.
Perfluoroheptanoic acid (PFHpA)	5.90	1.94	"						200	30	Non-dir.
Perfluorohexanesulfonic acid (PFHxS)	27.4	1.78	"						200	30	Non-dir.
Perfluorooctanoic acid (PFOA)	6.96	1.94	"						200	30	Non-dir.
Perfluorooctanesulfonic acid (PFOS)	95.8	1.81	"						200	30	Non-dir.
Perfluorononanoic acid (PFNA)	4.43	1.94	"						200	30	Non-dir.
Perfluorodecanoic acid (PFDA)	ND	1.94	"							30	
Perfluoroundecanoic acid (PFUnA)	ND	1.94	"							30	
Perfluorododecanoic acid (PFDoA)	ND	1.94	"							30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.94	"							30	
Perfluorotetradecanoic acid (PFTA)	ND	1.94	"							30	
N-MeFOSAA	ND	1.94	"							30	
N-EtFOSAA	ND	1.94	"							30	
Perfluoropentanoic acid (PFPeA)	7.74	3.88	"						200	30	Non-dir.
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.94	"							30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	2.94	1.85	"						200	30	Non-dir.
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.87	"							30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	1.33	7.38	"						200	30	Non-dir.
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.46	"							30	
Perfluoro-n-butanoic acid (PFBA)	4.57	7.77	"						200	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.46	"							30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.88	"							30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.88	"							30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.88	"							30	
Perfluoro-1-pentanesulfonate (PFPeS)	2.32	1.83	"						200	30	Non-dir.
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.28	"							30	
HFPO-DA (Gen-X)	ND	7.77	"							30	
11CL-PF3OUdS	ND	7.34	"							30	
9CL-PF3ONS	ND	7.26	"							30	
ADONA	ND	7.34	"							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 BI31635 - EPA 1633 Prep											
Duplicate (BI31635-DUP1) Duplicate	*Source sample: 23I1599-01 (Duplicate)								Prepared: 09/26/2023 Analyzed: 09/29/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.88	ng/L							30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.86	"							30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.86	"							30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	24.3	"							30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	24.3	"							30	
N-MeFOSE	ND	19.4	"							30	
N-MeFOSA	ND	1.94	"							30	
N-EtFOSE	ND	19.4	"							30	
N-EtFOSA	ND	1.94	"							30	
Surrogate: M3PFBS	*24.1*		*"*	*22.6*		*106*	*25-150*				
Surrogate: M5PFHxA	*23.4*		*"*	*24.3*		*96.4*	*25-150*				
Surrogate: M4PFHpA	*31.4*		*"*	*24.3*		*129*	*25-150*				
Surrogate: M3PFHxS	*23.7*		*"*	*23.0*		*103*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*23.6*		*"*	*24.3*		*97.2*	*25-150*				
Surrogate: M6PFDA	*10.5*		*"*	*12.1*		*86.1*	*25-150*				
Surrogate: M7PFUdA	*8.29*		*"*	*12.1*		*68.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*7.41*		*"*	*12.1*		*61.0*	*25-150*				
Surrogate: M2PFTeDA	*4.71*		*"*	*12.1*		*38.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*82.3*		*"*	*97.1*		*84.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*21.2*		*"*	*23.3*		*91.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*47.8*		*"*	*48.6*		*98.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*24.7*		*"*	*24.3*		*102*	*10-150*				
Surrogate: d3-N-MeFOSAA	*41.6*		*"*	*48.6*		*85.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*43.5*		*"*	*48.6*		*89.5*	*25-150*				
Surrogate: M2-6:2 FTS	*46.5*		*"*	*46.2*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*32.6*		*"*	*46.6*		*69.9*	*25-200*				
Surrogate: M9PFNA	*12.7*		*"*	*12.1*		*105*	*25-150*				
Surrogate: M2-4:2 FTS	*48.2*		*"*	*45.5*		*106*	*25-150*				
Surrogate: d-N-MeFOSA	*16.5*		*"*	*24.3*		*67.8*	*25-150*				
Surrogate: d-N-EtFOSA	*12.7*		*"*	*24.3*		*52.5*	*25-150*				
Surrogate: M3HFPO-DA	*129*		*"*	*97.1*		*132*	*25-150*				
Surrogate: d9-N-EtFOSE	*90.6*		*"*	*243*		*37.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*93.5*		*"*	*243*		*38.5*	*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 BI31788 - EPA SW846-3510C Low Level											
Blank (BI31788-BLK1) Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
Chlordane, total	ND	0.0200	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.200*		*63.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.134*		*"*	*0.200*		*66.8*	*30-150*				
LCS (BI31788-BS1) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
4,4'-DDD	0.0887	0.00400	ug/L	0.100		88.7	40-140				
4,4'-DDE	0.0836	0.00400	"	0.100		83.6	40-140				
4,4'-DDT	0.0803	0.00400	"	0.100		80.3	40-140				
Aldrin	0.0763	0.00400	"	0.100		76.3	40-140				
alpha-BHC	0.0829	0.00400	"	0.100		82.9	40-140				
alpha-Chlordane	0.0775	0.00400	"	0.100		77.5	40-140				
beta-BHC	0.0875	0.00400	"	0.100		87.5	40-140				
delta-BHC	0.0846	0.00400	"	0.100		84.6	40-140				
Dieldrin	0.0850	0.00200	"	0.100		85.0	40-140				
Endosulfan I	0.0831	0.00400	"	0.100		83.1	40-140				
Endosulfan II	0.0867	0.00400	"	0.100		86.7	40-140				
Endosulfan sulfate	0.0855	0.00400	"	0.100		85.5	40-140				
Endrin	0.0857	0.00400	"	0.100		85.7	40-140				
Endrin aldehyde	0.0952	0.0100	"	0.100		95.2	40-140				
Endrin ketone	0.0870	0.0100	"	0.100		87.0	40-140				
gamma-BHC (Lindane)	0.0860	0.00400	"	0.100		86.0	40-140				
gamma-Chlordane	0.0800	0.0100	"	0.100		80.0	40-140				
Heptachlor	0.0846	0.00400	"	0.100		84.6	40-140				
Heptachlor epoxide	0.0846	0.00400	"	0.100		84.6	40-140				
Methoxychlor	0.0855	0.00400	"	0.100		85.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0837*		*"*	*0.200*		*41.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.120*		*"*	*0.200*		*60.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31788 - EPA SW846-3510C Low Level											
Matrix Spike (BI31788-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
4,4'-DDD	0.0640	0.00400	ug/L	0.100	ND	64.0	30-150				
4,4'-DDE	0.0553	0.00400	"	0.100	ND	55.3	30-150				
4,4'-DDT	0.0572	0.00400	"	0.100	ND	57.2	30-150				
Aldrin	0.0532	0.00400	"	0.100	ND	53.2	30-150				
alpha-BHC	0.0651	0.00400	"	0.100	ND	65.1	30-150				
alpha-Chlordane	0.0574	0.00400	"	0.100	ND	57.4	30-150				
beta-BHC	0.0717	0.00400	"	0.100	ND	71.7	30-150				
delta-BHC	0.0732	0.00400	"	0.100	ND	73.2	30-150				
Dieldrin	0.0661	0.00200	"	0.100	ND	66.1	30-150				
Endosulfan I	0.0726	0.00400	"	0.100	ND	72.6	30-150				
Endosulfan II	0.0693	0.00400	"	0.100	ND	69.3	30-150				
Endosulfan sulfate	0.0710	0.00400	"	0.100	ND	71.0	30-150				
Endrin	0.0678	0.00400	"	0.100	ND	67.8	30-150				
Endrin aldehyde	0.0802	0.0100	"	0.100	ND	80.2	30-150				
Endrin ketone	0.0720	0.0100	"	0.100	ND	72.0	30-150				
gamma-BHC (Lindane)	0.0670	0.00400	"	0.100	ND	67.0	30-150				
gamma-Chlordane	0.0576	0.0100	"	0.100	ND	57.6	30-150				
Heptachlor	0.0611	0.00400	"	0.100	ND	61.1	30-150				
Heptachlor epoxide	0.0657	0.00400	"	0.100	ND	65.7	30-150				
Methoxychlor	0.0706	0.00400	"	0.100	ND	70.6	30-150				
Surrogate: Decachlorobiphenyl	*0.0948*		*"*	*0.200*		*47.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.106*		*"*	*0.200*		*53.1*	*30-150*				
Matrix Spike Dup (BI31788-M Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)								Prepared: 09/28/2023 Analyzed: 09/29/2023		
4,4'-DDD	0.0839	0.00400	ug/L	0.100	ND	83.9	30-150		26.9	20	Non-dir.
4,4'-DDE	0.0811	0.00400	"	0.100	ND	81.1	30-150		37.8	20	Non-dir.
4,4'-DDT	0.0800	0.00400	"	0.100	ND	80.0	30-150		33.2	20	Non-dir.
Aldrin	0.0736	0.00400	"	0.100	ND	73.6	30-150		32.2	20	Non-dir.
alpha-BHC	0.0803	0.00400	"	0.100	ND	80.3	30-150		20.9	20	Non-dir.
alpha-Chlordane	0.0751	0.00400	"	0.100	ND	75.1	30-150		26.7	20	Non-dir.
beta-BHC	0.0832	0.00400	"	0.100	ND	83.2	30-150		14.8	20	
delta-BHC	0.0833	0.00400	"	0.100	ND	83.3	30-150		12.8	20	
Dieldrin	0.0821	0.00200	"	0.100	ND	82.1	30-150		21.7	20	Non-dir.
Endosulfan I	0.0873	0.00400	"	0.100	ND	87.3	30-150		18.4	20	
Endosulfan II	0.0843	0.00400	"	0.100	ND	84.3	30-150		19.4	20	
Endosulfan sulfate	0.0819	0.00400	"	0.100	ND	81.9	30-150		14.2	20	
Endrin	0.0837	0.00400	"	0.100	ND	83.7	30-150		21.0	20	Non-dir.
Endrin aldehyde	0.0892	0.0100	"	0.100	ND	89.2	30-150		10.6	20	
Endrin ketone	0.0841	0.0100	"	0.100	ND	84.1	30-150		15.5	20	
gamma-BHC (Lindane)	0.0823	0.00400	"	0.100	ND	82.3	30-150		20.6	20	Non-dir.
gamma-Chlordane	0.0769	0.0100	"	0.100	ND	76.9	30-150		28.6	20	Non-dir.
Heptachlor	0.0791	0.00400	"	0.100	ND	79.1	30-150		25.6	20	Non-dir.
Heptachlor epoxide	0.0814	0.00400	"	0.100	ND	81.4	30-150		21.3	20	Non-dir.
Methoxychlor	0.0836	0.00400	"	0.100	ND	83.6	30-150		16.9	20	
Surrogate: Decachlorobiphenyl	*0.111*		*"*	*0.200*		*55.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.123*		*"*	*0.200*		*61.3*	*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 BI31788 - EPA SW846-3510C Low Level											
Blank (BI31788-BLK2) Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.101*		"	*0.200*		*50.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0540*		"	*0.200*		*27.0*	*30-120*				
LCS (BI31788-BS2) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
Aroclor 1016	0.545	0.0500	ug/L	1.00		54.5	40-120				
Aroclor 1260	0.661	0.0500	"	1.00		66.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.116*		"	*0.200*		*58.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0730*		"	*0.200*		*36.5*	*30-120*				
Matrix Spike (BI31788-MS2) Matrix Spike *Source sample: 23I1523-02 (Matrix Spike)									Prepared: 09/28/2023 Analyzed: 09/30/2023		
Aroclor 1016 [2C]	0.702	0.0500	ug/L	1.00	ND	70.2	40-140				
Aroclor 1260	0.608	0.0500	"	1.00	ND	60.8	40-140				
Surrogate: Tetrachloro-m-xylene	*0.110*		"	*0.200*		*55.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0580*		"	*0.200*		*29.0*	*30-120*				
Matrix Spike Dup (BI31788-M Matrix Spike Dup *Source sample: 23I1523-02 (Matrix Spike Dup)									Prepared: 09/28/2023 Analyzed: 09/30/2023		
Aroclor 1016 [2C]	0.669	0.0500	ug/L	1.00	ND	66.9	40-140		4.82	50	
Aroclor 1260	0.584	0.0500	"	1.00	ND	58.4	40-140		3.96	50	
Surrogate: Tetrachloro-m-xylene	*0.0990*		"	*0.200*		*49.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0500*		"	*0.200*		*25.0*	*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 BI31786 - EPA 8151A											
Blank (BI31786-BLK1) Blank									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*57.5*		*"*	*125*		*46.0*	*30-150*				
LCS (BI31786-BS1) LCS									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	14.2	5.00	ug/L	40.0		35.6	10-140				
2,4,5-TP (Silvex)	17.0	5.00	"	40.0		42.5	10-139				
2,4-D	16.8	5.00	"	40.0		41.9	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*61.5*		*"*	*125*		*49.2*	*30-150*				
LCS Dup (BI31786-BSD1) LCS Dup									Prepared: 09/28/2023 Analyzed: 09/29/2023		
2,4,5-T	16.0	5.00	ug/L	40.0		40.0	10-140		11.6	30	
2,4,5-TP (Silvex)	19.8	5.00	"	40.0		49.4	10-139		15.0	30	
2,4-D	21.2	5.00	"	40.0		53.1	10-140		23.7	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*73.5*		*"*	*125*		*58.8*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31702 - EPA 3015A											
Blank (BI31702-BLK1) Blank										Prepared: 09/27/2023 Analyzed: 09/28/2023	
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BI31702-BS1) LCS										Prepared: 09/27/2023 Analyzed: 09/28/2023	
Aluminum - Dissolved	2.08		ug/mL	2.00		104	80-120				
Barium - Dissolved	2.05		"	2.00		102	80-120				
Calcium - Dissolved	1.08		"	1.00		108	80-120				
Chromium - Dissolved	0.199		"	0.200		99.4	80-120				
Cobalt - Dissolved	0.493		"	0.500		98.6	80-120				
Copper - Dissolved	0.268		"	0.250		107	80-120				
Iron - Dissolved	1.07		"	1.00		107	80-120				
Lead - Dissolved	0.501		"	0.500		100	80-120				
Magnesium - Dissolved	1.05		"	1.00		105	80-120				
Manganese - Dissolved	0.514		"	0.500		103	80-120				
Nickel - Dissolved	0.515		"	0.500		103	80-120				
Potassium - Dissolved	0.986		"	1.00		98.6	80-120				
Silver - Dissolved	0.0446		"	0.0500		89.3	80-120				
Sodium - Dissolved	1.11		"	1.00		111	80-120				
Vanadium - Dissolved	0.503		"	0.500		101	80-120				
Zinc - Dissolved	0.484		"	0.500		96.8	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31702 - EPA 3015A											
Duplicate (BI31702-DUP1) Duplicate	*Source sample: 23I1523-02 (Duplicate)								Prepared: 09/27/2023 Analyzed: 09/28/2023		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.275	0.0278	"		0.272				0.995	20	
Calcium - Dissolved	113	0.0556	"		111				2.41	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	29.2	0.0556	"		28.3				2.97	20	
Manganese - Dissolved	0.491	0.00556	"		0.489				0.300	20	
Nickel - Dissolved	0.0111	0.0111	"		0.0127					20	
Potassium - Dissolved	4.77	0.0556	"		4.62				3.15	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	303	0.556	"		292				3.82	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BI31702-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/27/2023		
Aluminum - Dissolved	2.36	0.0556	mg/L	2.22	ND	106	75-125				
Barium - Dissolved	2.67	0.0278	"	2.22	0.272	108	75-125				
Calcium - Dissolved	117	0.0556	"	1.11	111	557	75-125	High Bias			
Chromium - Dissolved	0.233	0.00556	"	0.222	ND	105	75-125				
Cobalt - Dissolved	0.591	0.00444	"	0.556	ND	106	75-125				
Copper - Dissolved	0.318	0.0222	"	0.278	ND	115	75-125				
Iron - Dissolved	1.24	0.278	"	1.11	ND	111	75-125				
Lead - Dissolved	0.569	0.00556	"	0.556	ND	102	75-125				
Magnesium - Dissolved	30.6	0.0556	"	1.11	28.3	203	75-125	High Bias			
Manganese - Dissolved	1.10	0.00556	"	0.556	0.489	111	75-125				
Nickel - Dissolved	0.609	0.0111	"	0.556	0.0127	107	75-125				
Potassium - Dissolved	5.56	0.0556	"	1.11	4.62	83.9	75-125				
Silver - Dissolved	0.0548	0.00556	"	0.0556	ND	98.7	75-125				
Sodium - Dissolved	297	0.556	"	1.11	292	453	75-125	High Bias			
Vanadium - Dissolved	0.599	0.0111	"	0.556	ND	108	75-125				
Zinc - Dissolved	0.615	0.0278	"	0.556	ND	111	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 BI31702 - EPA 3015A											
Post Spike (BI31702-PS1) Post Spike	*Source sample: 23I1523-02 (Post Spike)							Prepared: 09/27/2023 Analyzed: 09/28/2023			
Aluminum - Dissolved	1.99		ug/mL	2.00	0.0304	98.2	75-125				
Barium - Dissolved	2.15		"	2.00	0.245	95.1	75-125				
Calcium - Dissolved	102		"	1.00	99.7	237	75-125	High Bias			
Chromium - Dissolved	0.184		"	0.200	0.00318	90.2	75-125				
Cobalt - Dissolved	0.458		"	0.500	0.00220	91.2	75-125				
Copper - Dissolved	0.269		"	0.250	0.00216	107	75-125				
Iron - Dissolved	1.07		"	1.00	0.0577	101	75-125				
Lead - Dissolved	0.445		"	0.500	-0.00737	89.0	75-125				
Magnesium - Dissolved	27.9		"	1.00	25.5	246	75-125	High Bias			
Manganese - Dissolved	0.922		"	0.500	0.440	96.3	75-125				
Nickel - Dissolved	0.493		"	0.500	0.0114	96.4	75-125				
Potassium - Dissolved	5.45		"	1.00	4.16	129	75-125	High Bias			
Silver - Dissolved	0.0414		"	0.0500	0.00269	77.5	75-125				
Sodium - Dissolved	271		"	1.00	263	840	75-125	High Bias			
Vanadium - Dissolved	0.482		"	0.500	-0.000247	96.4	75-125				
Zinc - Dissolved	0.461		"	0.500	0.0130	89.6	75-125				
Batch BI31790 - EPA 3015A											
Blank (BI31790-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

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 BI31790 - EPA 3015A											
LCS (BI31790-BS1) LCS								Prepared & Analyzed: 09/28/2023			
Aluminum	2.02		ug/mL	2.00		101	80-120				
Barium	2.12		"	2.00		106	80-120				
Calcium	1.12		"	1.00		112	80-120				
Chromium	0.204		"	0.200		102	80-120				
Cobalt	0.522		"	0.500		104	80-120				
Copper	0.283		"	0.250		113	80-120				
Iron	1.06		"	1.00		106	80-120				
Lead	0.513		"	0.500		103	80-120				
Magnesium	1.04		"	1.00		104	80-120				
Manganese	0.530		"	0.500		106	80-120				
Nickel	0.526		"	0.500		105	80-120				
Potassium	0.905		"	1.00		90.5	80-120				
Silver	0.0450		"	0.0500		90.0	80-120				
Sodium	1.04		"	1.00		104	80-120				
Vanadium	0.518		"	0.500		104	80-120				
Zinc	0.506		"	0.500		101	80-120				
Duplicate (BI31790-DUP1) Duplicate	*Source sample: 23I1523-02 (Duplicate)							Prepared & Analyzed: 09/28/2023			
Aluminum	0.0631	0.0556	mg/L		0.0646				2.38	20	
Barium	0.287	0.0278	"		0.288				0.162	20	
Calcium	118	0.0556	"		110				6.42	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	2.33	0.278	"		2.20				5.98	20	
Lead	ND	0.00556	"		ND					20	
Magnesium	30.4	0.0556	"		29.4				3.55	20	
Manganese	0.508	0.00556	"		0.509				0.0689	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	5.03	0.0556	"		4.69				6.95	20	
Silver	ND	0.00556	"		ND					20	
Sodium	308	0.556	"		289				6.42	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	0.0304	0.0278	"		0.0278					20	

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 BI31790 - EPA 3015A											
Matrix Spike (BI31790-MS1) Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/28/2023			
Aluminum	2.54	0.0556	mg/L	2.22	0.0646	111	75-125				
Barium	2.64	0.0278	"	2.22	0.288	106	75-125				
Calcium	114	0.0556	"	1.11	110	331	75-125	High Bias			
Chromium	0.231	0.00556	"	0.222	ND	104	75-125				
Cobalt	0.570	0.00444	"	0.556	ND	103	75-125				
Copper	0.328	0.0222	"	0.278	ND	118	75-125				
Iron	3.38	0.278	"	1.11	2.20	107	75-125				
Lead	0.550	0.00556	"	0.556	ND	98.9	75-125				
Magnesium	30.9	0.0556	"	1.11	29.4	140	75-125	High Bias			
Manganese	1.09	0.00556	"	0.556	0.509	104	75-125				
Nickel	0.611	0.0111	"	0.556	ND	110	75-125				
Potassium	5.84	0.0556	"	1.11	4.69	103	75-125				
Silver	0.0511	0.00556	"	0.0556	ND	92.0	75-125				
Sodium	293	0.556	"	1.11	289	369	75-125	High Bias			
Vanadium	0.595	0.0111	"	0.556	ND	107	75-125				
Zinc	0.582	0.0278	"	0.556	0.0278	105	75-125				
Post Spike (BI31790-PS1) Post Spike	*Source sample: 23I1523-02 (Post Spike)							Prepared & Analyzed: 09/28/2023			
Aluminum	2.27		ug/mL	2.00	0.0581	111	75-125				
Barium	2.35		"	2.00	0.259	105	75-125				
Calcium	103		"	1.00	99.3	370	75-125	High Bias			
Chromium	0.203		"	0.200	0.00374	99.9	75-125				
Cobalt	0.513		"	0.500	0.00169	102	75-125				
Copper	0.289		"	0.250	0.00606	113	75-125				
Iron	3.04		"	1.00	1.98	107	75-125				
Lead	0.492		"	0.500	-0.0000423	98.3	75-125				
Magnesium	28.0		"	1.00	26.4	156	75-125	High Bias			
Manganese	0.971		"	0.500	0.458	103	75-125				
Nickel	0.539		"	0.500	0.00534	107	75-125				
Potassium	5.40		"	1.00	4.22	118	75-125				
Silver	0.0447		"	0.0500	0.00202	85.4	75-125				
Sodium	262		"	1.00	260	243	75-125	High Bias			
Vanadium	0.535		"	0.500	0.00310	106	75-125				
Zinc	0.527		"	0.500	0.0250	100	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31704 - EPA 3015A											
Blank (BI31704-BLK1) Blank								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BI31704-BS1) LCS								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	51.8		ug/L	50.0		104	80-120				
Arsenic - Dissolved	51.0		"	50.0		102	80-120				
Beryllium - Dissolved	58.5		"	50.0		117	80-120				
Cadmium - Dissolved	51.3		"	50.0		103	80-120				
Selenium - Dissolved	51.5		"	50.0		103	80-120				
Thallium - Dissolved	55.3		"	50.0		111	80-120				
Duplicate (BI31704-DUP1) Duplicate *Source sample: 23I1523-02 (Duplicate)								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	0.00177	0.00111	"		0.00186				4.87	20	
Beryllium - Dissolved	ND	0.000333	"		ND					20	
Cadmium - Dissolved	ND	0.000556	"		ND					20	
Selenium - Dissolved	ND	0.00111	"		ND					20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BI31704-MS1) Matrix Spike *Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/27/2023			
Antimony - Dissolved	51.3		ug/L	50.0	0.169	102	75-125				
Arsenic - Dissolved	58.2		"	50.0	1.67	113	75-125				
Beryllium - Dissolved	47.8		"	50.0	-0.003	95.7	75-125				
Cadmium - Dissolved	47.1		"	50.0	0.083	93.9	75-125				
Selenium - Dissolved	54.9		"	50.0	-1.33	110	75-125				
Thallium - Dissolved	54.6		"	50.0	0.003	109	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31795 - EPA 3015A											
Blank (BI31795-BLK1) Blank								Prepared & Analyzed: 09/28/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BI31795-BS1) LCS								Prepared & Analyzed: 09/28/2023			
Antimony	55.1		ug/L	50.0		110	80-120				
Arsenic	50.3		"	50.0		101	80-120				
Beryllium	56.5		"	50.0		113	80-120				
Cadmium	54.2		"	50.0		108	80-120				
Selenium	56.0		"	50.0		112	80-120				
Thallium	56.1		"	50.0		112	80-120				
Duplicate (BI31795-DUP1) Duplicate *Source sample: 23I1523-02 (Duplicate)								Prepared & Analyzed: 09/28/2023			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00417	0.00111	"		0.00431				3.24	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	0.00375	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BI31795-MS1) Matrix Spike *Source sample: 23I1523-02 (Matrix Spike)								Prepared & Analyzed: 09/28/2023			
Antimony	47.0		ug/L	50.0	0.087	93.7	75-125				
Arsenic	60.5		"	50.0	3.88	113	75-125				
Beryllium	46.1		"	50.0	0.008	92.1	75-125				
Cadmium	44.6		"	50.0	0.083	89.0	75-125				
Selenium	69.2		"	50.0	-1.68	138	75-125	High Bias			
Thallium	53.7		"	50.0	0.003	107	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31738 - EPA SW846-7470A												
Blank (BI31738-BLK1)	Blank								Prepared & Analyzed: 09/27/2023			
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BI31738-BS1)	LCS								Prepared & Analyzed: 09/27/2023			
Mercury - Dissolved		0.0019	0.0002	mg/L	0.00200		96.0	80-120				
Duplicate (BI31738-DUP1)	Duplicate	*Source sample: 23I1523-02 (Duplicate)							Prepared & Analyzed: 09/27/2023			
Mercury - Dissolved		ND	0.0002	mg/L		ND					20	
Matrix Spike (BI31738-MS1)	Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/27/2023			
Mercury - Dissolved		0.0022	0.0002	mg/L	0.00200	ND	109	75-125				
Matrix Spike Dup (BI31738-M	Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/27/2023			
Mercury - Dissolved		0.0027	0.0002	mg/L	0.00200	ND	134	75-125	High Bias	20.5	20	Non-dir.
Batch BI31742 - EPA SW846-7470A												
Blank (BI31742-BLK1)	Blank								Prepared & Analyzed: 09/27/2023			
Mercury		ND	0.0002	mg/L								
LCS (BI31742-BS1)	LCS								Prepared & Analyzed: 09/27/2023			
Mercury		0.0021126	0.0002	mg/L	0.00200		106	80-120				
Duplicate (BI31742-DUP1)	Duplicate	*Source sample: 23I1523-02 (Duplicate)							Prepared & Analyzed: 09/27/2023			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BI31742-MS1)	Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/27/2023			
Mercury		0.0020	0.0002	mg/L	0.00200	ND	97.7	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BI31742 - EPA SW846-7470A											
Matrix Spike Dup (BI31742-M Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)								Prepared & Analyzed: 09/27/2023		
Mercury	0.0023	0.0002	mg/L	0.00200	ND	113	75-125		14.1	200	

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 BI31462 - Analysis Preparation												
Blank (BI31462-BLK1)	Blank								Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		ND	10.0	ug/L								
LCS (BI31462-BS1)	LCS								Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		492	10.0	ug/L	500		98.4	85-115				
Duplicate (BI31462-DUP1)	Duplicate	*Source sample: 23I1523-02 (Duplicate)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		ND	10.0	ug/L		ND					20	
Matrix Spike (BI31462-MS1)	Matrix Spike	*Source sample: 23I1523-02 (Matrix Spike)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		226	10.0	ug/L	500	ND	45.2	85-115	Low Bias			
Matrix Spike Dup (BI31462-M	Matrix Spike Dup	*Source sample: 23I1523-02 (Matrix Spike Dup)							Prepared & Analyzed: 09/22/2023			
Chromium, Hexavalent		271	10.0	ug/L	500	ND	54.2	85-115	Low Bias	18.1	200	
Batch BI31642 - Analysis Preparation												
Blank (BI31642-BLK1)	Blank								Prepared & Analyzed: 09/26/2023			
Cyanide, total		ND	10.0	ug/L								
LCS (BI31642-BS1)	LCS								Prepared & Analyzed: 09/26/2023			
Cyanide, total		198	10.0	ug/L	200		99.0	80-120				
Duplicate (BI31642-DUP1)	Duplicate	*Source sample: 23I1525-01 (MW02_092223)							Prepared & Analyzed: 09/26/2023			
Cyanide, total		ND	10.0	ug/L		ND					15	
Matrix Spike (BI31642-MS1)	Matrix Spike	*Source sample: 23I1525-01 (MW02_092223)							Prepared & Analyzed: 09/26/2023			
Cyanide, total		216	10.0	ug/L	200	ND	108	79-105	High Bias			

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 BI31642 - Analysis Preparation											
Matrix Spike Dup (BI31642-M Matrix Spike Dup	*Source sample: 23I1525-01 (MW02_092223)								Prepared & Analyzed: 09/26/2023		
Cyanide, total	204	10.0	ug/L	200	ND	102	79-105		5.71	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23I1525-01	MW02_092223	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1525-02	MW01_092223	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1525-03	GWDUP01_092223	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1525-04	GWFB01_092223	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23I1525-06	TB03_092223	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.
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.
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.
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).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This 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. 23I1525

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: LANGAN	Company:	Company:
Address: 360 W 31st St. NY, NY	Address:	Address:
Phone.: 212-479-5400	Phone.:	Phone.:
Contact: Albert Tashji	Contact:	Contact:
E-mail: ATASHJI@LANGAN.COM	E-mail:	E-mail:

YOUR Project Number: 170790501

YOUR Project Name: 385 Morris Ave

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.

Roswell Lo

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 | NJDKQP
Standard Excel EDD | Deliverables | 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.
MW02_092223	GW	9/22/23 10:00	TCL/Part 375 VOCs and SVOCs		
MW01_092223		14:30	Part 375 PCBs & Herbicides/Pesticides		
GWDUP01_092223		—	TAL/Part 375 Metals including cyanide		
GWFB01_092223	AQ	16:30	And Hex(Tri Chromium, PFAS, 1-4 Dioxane	X No PFAS	
PFAS FB02_092223	GW	16:00	PFAS		
TB03_092223	AQ	—	VOC's		
[illegible]		[illegible]			

Comments: Please cc DATAMANAGEMENT@LANGAN.COM and LMCLONNELL@LANGAN.COM

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 X

	Date/Time
1. Samples Relinquished by / Company: Roswell Lo / Langan	9/22/23 17:18
2. Samples Received by / Company: [illegible]	9/22 1800
4. Samples Relinquished by / Company	

	Date/Time
1. Samples Received by / Company: Tom / GLS	9/22/23 1718
3. Samples Relinquished by / Company: [illegible]	9/22 2350
4. Samples Received by / Company	

	Date/Time
2. Samples Relinquished by / Company: Tom / GLS	9/22/23
3. Samples Received by / Company	

Samples Received in LAB by: af — Date/Time: 9/22/23 2350 — Temperature: 2.0 Degrees C