



TECHNICAL
SERVICES

**PHASE II
ENVIRONMENTAL
SITE ASSESSMENT**

**Monticello Manor
15 High Street
City of Monticello
Sullivan County, New York**

January 27, 2021

GBTS File: 20-0857.01

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Environmental investigation services were performed by Gallagher Bassett Technical Services (GBTS). The undersigned have reviewed this Phase II Environmental Site Assessment and certify to Kearney Realty & Development Group that the information provided in this document is accurate as of the date of issuance by this office.



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1.0 INTRODUCTION

1.1 Purpose

This Phase II Environmental Site Assessment (Report) documents environmental fieldwork performed by Gallagher Bassett Technical Services (GBTS) at the Monticello Manor property, located at 15 High Street, City of Monticello, Sullivan County, New York (Site). Investigative and analytical work were performed to address potential environmental liabilities on specified portions of the subject property, which were identified during previous site investigations (see Section 1.4). The specific purpose of this Report is to summarize the work performed by GBTS and GBTS's subcontractors, and to identify any on-site conditions that may require further investigation and/or remedial actions.

This Report describes all fieldwork methodologies for the work conducted by GBTS, includes discussions of the resulting analytical data from collected samples and provides conclusions and recommendations drawn from the fieldwork and analytical data.

1.2 Limitations

This written analysis summarizes the site characterization activities conducted on a specified portion of the above-referenced property and is not relevant to other portions of this property or any other property. It is a representation of those portions of the property analyzed as of the respective dates of fieldwork. This Report cannot account for activities or events resulting in contamination after the dates of fieldwork.

Services summarized in this Report were performed in accordance with generally accepted practices and established New York State Department of Environmental Conservation (NYSDEC) protocols. Unless specifically noted, GBTS's findings and conclusions must be considered not as scientific certainties, but as probabilities based on professional judgement.

1.3 Site Location and Description

The property is an approximately 5.6-acre parcel located on the northern side of High Street and the western side of Pleasant Street. The property contains the following vacant, dilapidated structures formerly utilized as a health care facility: three-story former hospital and care facility at the central portion; three-story former staff living quarters at the southeastern portion; and, three vacant auxiliary structures at the central-northern and northern portions. The buildings are accessed by an asphalt paved driveway that extends to the northeast from High Street. Paved and unpaved parking areas are located in the northern and southern vicinity of the main building; remaining portions of the property are vacant wooded land.

The specified portions of the property on which the environmental investigation was conducted (Site) consists of areas immediately surrounding on-site buildings and three petroleum bulk storage (PBS) tanks, which may have been impacted by historical uses or releases, and wooded

areas at the northern and southern portions where future development is anticipated. A Fieldwork Map indicating specific Site characteristics is provided in Appendix A and photographs showing key site features are provided in Appendix B.

No groundwater was encountered during subsurface fieldwork, and no other data documenting depth to groundwater, or site-specific investigation of groundwater direction of flow, has been reviewed. Based on local topographic conditions, shallow groundwater flow in the vicinity of the Site is likely to be to the southeast.

1.4 Previous Environmental Reports

A Phase I Environmental Site Assessment (Phase I ESA) performed for the property by Tectonic Engineering & Surveying Consultants P.C. (Tectonic) in November 2019 identified several PBS tanks, including one underground storage tank (UST) and three above-ground storage tanks (ASTs), and two 55-gallon drums containing unknown liquids. The Phase I ESA also identified a former four-car garage that may have been used for automotive repair.

A Phase II ESA was completed by Tectonic in July 2019 to screen for potential impacts resulting from known and potential previous releases at PBS tanks and from historical uses. The Phase II ESA documents the advancement of eight soil borings to depths ranging from 1 to 5 feet below ground surface (bgs) at several areas of the property, including the vicinity of the ASTs. Sampling was not conducted at or near the UST due to access limitations.

Subsurface soils reportedly consisted of brown to black coarse to fine sands with varying amounts of gravel and silt. Evidence of fill materials, including the presence of glass, concrete and styrofoam, was observed to depths of 4 feet bgs. No overt field evidence of petroleum contamination was encountered at any boring location. Laboratory data documented elevated levels of metals (above NYSDEC Unrestricted Use criteria) in several samples, including lead and mercury, and elevated levels of several polycyclic aromatic hydrocarbons (PAHs; above NYSDEC Restricted Use, Commercial and Industrial criteria) in one sample near the main building.

2.0 SUBSURFACE INVESTIGATION

2.1 Summary of Services

GBTS advanced nineteen test pits and collected soil samples at the Site on October 27, 2020, and collected soil vapor and additional surface soil samples on December 15, 2020, to document the presence or absence of contamination. This Report contains sections documenting fieldwork methodology (Section 2.2) and laboratory results (Section 2.3), and present GBTS's conclusions and recommendations (Section 3.0). A map indicating all fieldwork locations and selected Site features is provided in Appendix A.

2.2 Fieldwork Activities

2.2.1 Site Preparation Services

GBTs requested a complete utility markout (as required by New York State Department of Labor regulations) and on-site personnel reviewed the markout and underground utility locations prior to the initiation of fieldwork.

2.2.2 Fieldwork Methodology

General Protocols

Encountered material was screened (as appropriate) with a MiniRAE Lite (Model PGM 7300) photo-ionization detector (PID) for volatile organic vapors. GBTs documented field observations in log books, including soil characteristics, the presence of foreign materials, and any indications of contamination (photographs of select test pits are provided in Appendix B).

GBTs collected samples in general conformance with NYSDEC and NYSDOH fieldwork protocols. All field personnel wore dedicated, disposable gloves during relevant fieldwork activities, and any non-dedicated sampling instruments were decontaminated prior to media collection.

All samples were collected into appropriately-sized containers provided by the laboratory (with preservatives as required for the specific analysis), and were maintained at proper temperatures (using ice-packs and coolers as needed) while in GBTs's custody. Samples were transported on October 29, 2020 and December 15, 2020 via courier to York Analytical Laboratories, Inc., (soil samples) and Alpha Analytical (soil vapor samples), both New York State Department of Health-certified laboratories (ELAP Certification Numbers 10854 and 11627, respectively) for chemical analyses. Appropriate chain-of-custody procedures were followed.

Soil Collection

GBTs oversaw the extension of nineteen (19) test pits throughout the Site on October 27, 2020 as follows:

- Immediate vicinity of the main building (TP-1 and TP-2 to the south, TP-3 and TP-4 to the east, and TP-5, TP-6 and TP-11 to the north);
- Immediate vicinity of two ASTs (TP-7 to TP-10);
- East of auxiliary structure (TP-11); and,
- Throughout the proposed new building footprints (TP-13 to TP-15 at northern portion of property, and TP-17 to TP-19 at southern portion).

All test pits were advanced by personnel from Mac Testa Contracting Corporation. Test pits were advanced using a backhoe (fourteen foot reach) to a maximum depth of 4 feet bgs (shallow bedrock refusal was encountered at approximately 2 to 4 feet bgs throughout the site). Eighteen samples were collected, with soil recovered at each test pit location within the top

one-foot interval, except at TP-1 SS and TP-3 SS, where soil was recovered from within the top 6 inches and at TP-2 where soil was recovered from approximately 4 feet bgs immediately adjacent to the invert of a catch basin. Samples SS-01 to SS-08 were collected from the surface (top 6 inches) near on-Site structures.

Site soil generally consisted of light brown, fine sands to approximately 1 foot bgs, underlain by brown, medium to coarse sands with varying amounts of gravel. Evidence of fill material (generally limited to small quantities of glass, brick and asphalt) was encountered in TP-1, TP-5, TP-6, TP-10, TP-11 and TP-16. All other soil at test pit locations appeared to be native, undisturbed material.

No field evidence of contamination was observed at any fieldwork location and groundwater was not encountered in test pit excavations.

All soil samples were collected directly from exposed areas in the test pits or readily accessible surface areas, utilizing clean, disposable equipment. Collection for analysis of volatile organic compounds (VOCs) followed USEPA Method 5035 fieldwork protocols, utilizing sampling kits provided by the laboratory.

Collection of Soil Vapor

Soil vapor sampling was conducted beneath the main building (samples SV-01 to SV-05) and the former staff residence (Sample SV-05, located to screen for releases from the former UST). GBTS constructed temporary soil vapor probes by drilling a ½-inch hole through the concrete slabs to a depth of approximately 6 inches within the underlying material. An air-stone attached to ¼" Teflon tubing was inserted to the bottom of each vapor probe and surrounded with clean #2 silica sand. The vapor probe was then sealed using hydrated bentonite clay in order to prevent the infiltration of surface air.

Each vapor probe was purged (at least three borehole and tubing volumes) prior to sampling using a GilAir 3 air-sampling pump, at a rate of approximately 0.2 liters/minute. Soil vapor samples were collected into 2.7-liter Summa Canisters equipped with two-hour flow controllers.

2.3 Laboratory Analysis

2.3.1 Standards, Criteria and/or Guidance

Soil

Laboratory results for all compounds detected in soils are compared to NYSDEC Remedial Program Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) and Restricted-Residential Use (RRU) as provided in 6 NYCRR Subpart 375, Tables 375-6.8(a) and 375-6.8(b), and Soil Cleanup Levels (for gasoline and fuel oil contaminated Soils) presented in NYSDEC CP-51 (Soil Cleanup Guidance, October 2010) Tables 2 through 3.

Vapor

The State of New York does not have any standards, criteria or guidance values for volatile chemicals in subsurface vapors (either soil vapor or sub-slab vapor). In the absence of SCG, soil vapor results were reviewed as a whole and compared to the results of all other environmental sampling. Note: NYSDOH utilizes three generic decision matrices for evaluating potential soil vapor intrusion into buildings under specific circumstances (see NYSDOH website updates and Guidance for Evaluating Soil Vapor Intrusion in the State of New York [October 2006]). Matrices compare concentrations of a limited number of VOCs, reported in concurrent sub-slab vapor and indoor air samples, and summarize actions recommended to address current and potential exposures related to soil vapor intrusion (ranging from no further action to mitigation). Each matrix contains threshold values for sub-slab vapor, above which mitigation is recommended irrespective of the reported indoor air concentration; soil vapor values that exceed these upper thresholds are noted in the report text and data tables, as warranted¹.

2.3.2 Sample Submission

Samples were submitted for laboratory analyses as follows:

Area of Concern	Sample ID(s)	Laboratory Analysis
Surface soils from 0 – 1' bgs	TP-1 SS; TP-2; TP-4; TP-5; TP-6; TP-12; TP-14; TP-18; SS-01	VOCs, semi-volatile organic compounds (SVOCs), Target Analyte List (TAL) metals, pesticides, and PCBs
	TP-1, TP-3, TP-3 SS; TP-10, TP-11; TP-16	TAL Metals, pesticides, and PCBs
	SS-02 through SS-08	TAL Metals
ASTs	TP-7 through TP-10	NYSDEC CP-51 petroleum list VOCs/SVOCs
Soil Vapor	SV-01 through SV-05	VOCs (TO-15 list)
<i>USEPA methodologies: VOCs (soil 8260, vapor TO-15), SVOCs (8270), pesticides/PCBs (8081/8082), metals (6010/7473)</i>		

Submission of soil samples was biased (as warranted) based on field observations, including any elevated PID readings, unusual odors, discoloration, or other unusual patterns.

1 Upper threshold values: 60 µg/m³ (trichloroethylene, cis-dichloroethylene, 1,1-dichloroethylene, vinyl chloride, and carbon tetrachloride) and 1,000 µg/m³ (tetrachloroethylene, 1,1,1-trichloroethane, and methylene chloride).

2.3.3 Laboratory Results

A summary of the results of the laboratory analyses is presented below. Results are referenced as parts per million (ppm, equivalent to milligrams per kilogram) for soil and micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) for soil vapor. Data summary tables and the laboratory reports are provided as Appendices C and D, respectively.

SOIL

VOCs

No VOCs were detected above SCOs at any sample location. Two VOCs, n-butylbenzene (0.11 ppm, UU SCO 12 ppm) and p-isopropyltoluene (0.064 ppm, UU SCO 10 ppm) were detected at trace-level concentrations in one sample (TP-8) collected near the ASTs; no other VOCs were detected in three other samples collected in this area. Trace levels of acetone and methylene chloride (possible laboratory cross contaminants) were reported in six of thirteen samples (no other VOCs were detected in any sample).

SVOCs

Pentachlorophenol was detected at a slightly elevated concentration in one of thirteen samples (SS-01, 1.27 ppm; UU SCO 0.8 ppm; RRU SCO 6.7 ppm). No other exceedances were detected in any other sample. Multiple SVOCs, primarily PAHs, were reported at trace levels in nine of thirteen samples, with the majority of detections encountered at TP-1 SS. Trace levels of PAHs were reported in several test pits samples collected in the vicinity of the ASTs. No SVOCs were detected in samples TP-9 and TP-18.

TAL Metals

Metals were detected above RRU SCOs in multiple samples. Mercury was detected above the RRU SCO (0.81 ppm) in four of twenty-one samples, with concentrations ranging from 0.997 ppm (TP-2) to 3.74 ppm (SS-06), and above the UU SCO (0.18 ppm) in four other samples. Lead was detected above the RRU SCO (400 ppm) in three samples, with concentrations ranging from 504 ppm (SS-06) to 4,020 ppm (SS-03), and above the UU SCO (63 ppm) in ten samples. Arsenic, barium, cadmium and copper were detected above RRU SCOs in one or more samples. Several other metals were detected in multiple samples above UU SCOs.

Pesticides and PCBs

Three pesticides (4,4'-DDD, 4-4'-DDE and 4-4' DDT) were detected above UU SCOs (0.0033 ppm) at SS-01; three other pesticides were detected in this sample at low-level concentrations. One pesticide (4,4'-DDT) was detected above the UU SCO at TP-1 and TP-2. No other pesticides were detected at any other sample location.

One PCB (Aroclor 1254) was detected at trace levels in SS-01 and TP-12. No other PCBs were detected at any other sample location.

SOIL VAPOR

Multiple VOCs, primarily petroleum constituents, were detected in all samples, at low levels concentrations typically encountered in urban and commercial settings. No compounds listed in the NYSDOH matrices were reported. VOC levels are not consistent with the presence of any significant on-Site source areas of contamination.

3.0 CONCLUSIONS AND RECOMMENDATIONS

GBTS has completed the services summarized in Section 2.0 on specified portions of the Monticello Manor property, located at 15 High Street, City of Monticello, Sullivan County, New York. Fieldwork (conducted to document the presence or absence of subsurface contamination resulting from historical commercial use) included extension of nineteen test pits, and collection of ten surface and sixteen subsurface soil samples, and five soil vapor samples.

Conclusions and recommendations (in **bold**), based on the fieldwork services and laboratory data, are as follows:

1. Surface soil in the central portion of the property, in the vicinity of the main hospital building, is impacted by heavy metals (arsenic, barium, cadmium, copper, lead, and/or mercury) at concentrations exceeding NYSDEC Part 375 Soil Cleanup Objectives for Restricted-Residential Use (RRU SCO), and mercury was detected above the RRU SCO in one deeper sample (approximately 4 feet bgs). Multiple other metals are present at concentrations above Unrestricted Use (UU) SCOs. Pesticides have also been identified above UU SCOs at several locations. A high level of polycyclic aromatic hydrocarbons (PAHs; well above RRU SCOs) was documented in one soil sample collected during a previous investigation. The source of these impacts is unknown but may be related to historical site activities and/or on-site fill materials. Elevated concentrations of metals and PAHs in soil present an exposure hazard, and will result in additional costs (due to requirements for special handling) during Site development.

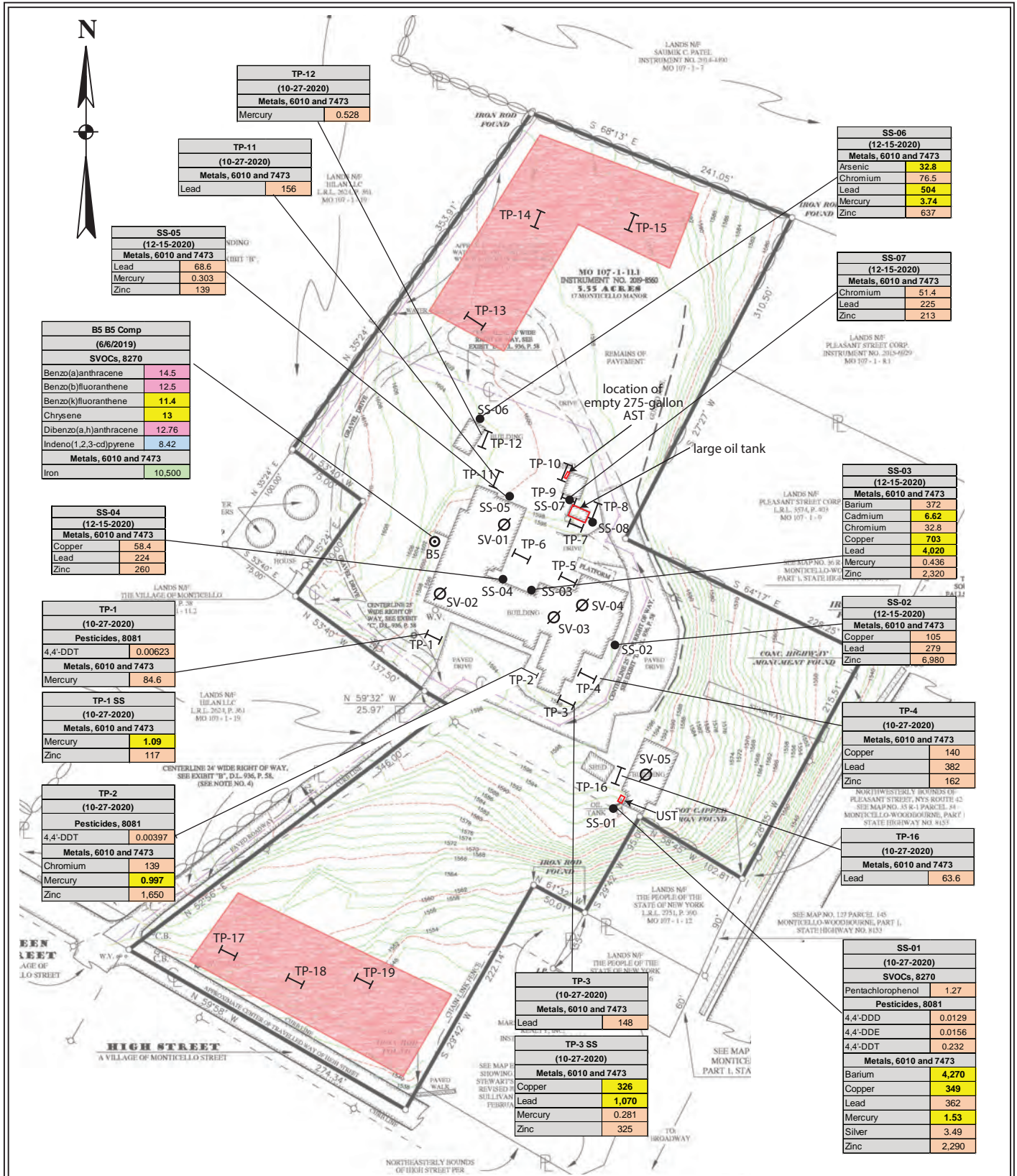
Site soils impacted by metal and PAH contamination above RRU SCOs should be removed during Site development in accordance with applicable regulations.

2. Several aboveground storage tanks (ASTs) and an underground storage tank (UST) are located on the property. No evidence of petroleum contamination was encountered in test pits throughout the Site and laboratory data document no potential petroleum contamination in soil or soil vapor. These findings suggest that historical uses and/or releases from storage tanks have not resulted in gross on-Site petroleum impacts.

Additional investigation should be conducted in the vicinity of the UST, as needed, based on Site development requirements.

APPENDIX A

Fieldwork Map



B5 B5 Comp (6/6/2019)	
SVOCs, 8270	
Benzo(a)anthracene	14.5
Benzo(b)fluoranthene	12.5
Benzo(k)fluoranthene	11.4
Chrysene	13
Dibenzo(a,h)anthracene	12.76
Indeno(1,2,3-cd)pyrene	8.42
Metals, 6010 and 7473	
Iron	10,500

SS-04 (12-15-2020)	
Metals, 6010 and 7473	
Copper	58.4
Lead	224
Zinc	260

TP-1 (10-27-2020)	
Pesticides, 8081	
4,4'-DDT	0.00623
Metals, 6010 and 7473	
Mercury	84.6

TP-1 SS (10-27-2020)	
Metals, 6010 and 7473	
Mercury	1.09
Zinc	117

TP-2 (10-27-2020)	
Pesticides, 8081	
4,4'-DDT	0.00397
Metals, 6010 and 7473	
Chromium	139
Mercury	0.997
Zinc	1,650

TP-12 (10-27-2020)	
Metals, 6010 and 7473	
Mercury	0.528

TP-11 (10-27-2020)	
Metals, 6010 and 7473	
Lead	156

SS-05 (12-15-2020)	
Metals, 6010 and 7473	
Lead	68.6
Mercury	0.303
Zinc	139

SS-06 (12-15-2020)	
Metals, 6010 and 7473	
Arsenic	32.8
Chromium	76.5
Lead	504
Mercury	3.74
Zinc	637

SS-07 (12-15-2020)	
Metals, 6010 and 7473	
Chromium	51.4
Lead	225
Zinc	213

SS-03 (12-15-2020)	
Metals, 6010 and 7473	
Barium	372
Cadmium	6.62
Chromium	32.8
Copper	703
Lead	4,020
Mercury	0.436
Zinc	2,320

SS-02 (12-15-2020)	
Metals, 6010 and 7473	
Copper	105
Lead	279
Zinc	6,980

TP-4 (10-27-2020)	
Metals, 6010 and 7473	
Copper	140
Lead	382
Zinc	162

TP-16 (10-27-2020)	
Metals, 6010 and 7473	
Lead	63.6

SS-01 (10-27-2020)	
SVOCs, 8270	
Pentachlorophenol	1.27
Pesticides, 8081	
4,4'-DDD	0.0129
4,4'-DDE	0.0156
4,4'-DDT	0.232
Metals, 6010 and 7473	
Barium	4,270
Copper	349
Lead	362
Mercury	1.53
Silver	3.49
Zinc	2,290

TP-3 (10-27-2020)	
Metals, 6010 and 7473	
Lead	148

TP-3 SS (10-27-2020)	
Metals, 6010 and 7473	
Copper	326
Lead	1,070
Mercury	0.281
Zinc	325

All feature locations are approximate. This map is intended as a schematic to be used in conjunction with the associated report, and it should not be relied upon as a survey for planning or other activities.

Fieldwork Map

15 High Street Monticello, New York

- Legend:**
- subject property border
 - ┆ test pit location (2020)
 - soil sample location (2020)
 - soil sample location (2019)
 - ∅ soil vapor location (2020)

All data in mg/Kg (ppm)	
Analyte Above UU SCO	
Analyte Above RU SCO	
Analyte Above RRU SCO	
Analyte Above CU SCO	
Analyte Above IU SCO	

File: 20-0857
January 2021
Not to scale
Attachment

APPENDIX B

Fieldwork Observation Photos



1. Location of TP-1, main building (former hospital) and excavator



2. Large AST north of main building



3. 275-gallon AST in vicinity of large AST



4. UST at southeastern portion of property



5. Vault containing potential PBS tank at western exterior wall of main building (photo from Tectonic Phase I ESA)



6. TP-1



7. TP-3



8. TP-5



9. TP-7 (large AST at top right)



10. TP-10 (275-gallon AST at left)

APPENDIX B – PHOTOGRAPHS



11. TP-15



12. TP-19

APPENDIX C

Data Summary Tables

Table 1: Petroleum Compounds in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold			Sample ID		TP-7		TP-8		TP-9		TP-10	
			Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
			Dilution Factor		1		1		1		1	
VOCs, 8260	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
1,2,4-Trimethylbenzene	3.6	52	0.004	U	0.0032	U	0.003	U	0.0032	U		
1,3,5-Trimethylbenzene	8.4	52	0.004	U	0.0032	U	0.003	U	0.0032	U		
Benzene	0.06	4.8	0.004	U	0.0032	U	0.003	U	0.0032	U		
Ethyl Benzene	1	41	0.004	U	0.0032	U	0.003	U	0.0032	U		
Isopropylbenzene	2.3	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
Methyl tert-butyl ether (MTBE)	0.93	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
Naphthalene	12	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
n-Butylbenzene	12	100	0.004	U	0.11		0.003	U	0.0032	U		
n-Propylbenzene	3.9	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
o-Xylene	0.26	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
p- & m- Xylenes	0.26	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
p-Isopropyltoluene	10	NA	0.004	U	0.064		0.003	U	0.0032	U		
sec-Butylbenzene	11	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
tert-Butylbenzene	5.9	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
Toluene	0.7	100	0.004	U	0.0032	U	0.003	U	0.0032	U		
Xylenes, Total	0.26	100	0.004	U	0.0032	U	0.003	U	0.0032	U		

			Sample ID		TP-7		TP-8		TP-9		TP-10	
			Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
			Dilution Factor		2		2		2		2	
SVOCs, 8270	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
Acenaphthene	20	100	0.049	U	0.052	U	0.049	U	0.051	U		
Acenaphthylene	100	100	0.049	U	0.052	U	0.049	U	0.051	U		
Anthracene	100	100	0.08	JD	0.052	U	0.049	U	0.051	U		
Benzo(a)anthracene	1	1	0.23	D	0.052	U	0.049	U	0.15	D		
Benzo(a)pyrene	1	1	0.2	D	0.052	U	0.049	U	0.18	D		
Benzo(b)fluoranthene	1	1	0.17	D	0.052	U	0.049	U	0.2	D		
Benzo(g,h,i)perylene	100	100	0.13	D	0.052	U	0.049	U	0.14	D		
Benzo(k)fluoranthene	0.8	3.9	0.19	D	0.052	U	0.049	U	0.16	D		
Chrysene	1	3.9	0.21	D	0.052	U	0.049	U	0.18	D		
Dibenzo(a,h)anthracene	0.33	0.33	0.049	JD	0.052	U	0.049	U	0.051	U		
Fluoranthene	100	100	0.4	D	0.052	U	0.053	JD	0.33	D		
Fluorene	30	100	0.049	U	0.052	U	0.049	U	0.051	U		
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.14	D	0.052	U	0.049	U	0.15	D		
Naphthalene	12	100	0.049	U	0.052	U	0.049	U	0.051	U		
Phenanthrene	100	100	0.26	D	0.052	U	0.049	U	0.14	D		
pyrene	100	100	0.31	D	0.052	U	0.049	U	0.27	D		

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold			Sample ID	TP-1 SS		TP-2		TP-4		TP-5	
			Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
			Dilution Factor	1		1		1		1	
VOCs, #260	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1,1,2-Tetrachloroethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1,1-Trichloroethane	0.68	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1,2,2-Tetrachloroethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1,2-Trichloroethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1-Dichloroethane	0.27	26	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2,3-Trichlorobenzene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2,3-Trichloropropane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2,4-Trichlorobenzene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2,4-Trimethylbenzene	3.6	52	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2-Dibromo-3-chloropropane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2-Dibromoethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2-Dichlorobenzene	1.1	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2-Dichloroethane	0.02	3.1	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,2-Dichloropropane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,3,5-Trimethylbenzene	8.4	52	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,3-Dichlorobenzene	2.4	49	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,4-Dichlorobenzene	1.8	13	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
1,4-Dioxane	0.1	13	0.11	U	0.049	U	0.071	U	0.082	U	
2-Butanone (MEK)	0.12	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
2-Hexanone	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
4-Methyl-2-pentanone	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Acetone	0.05	100	0.011	U	0.0096	J	0.0071	U	0.0082	U	
Acrolein	NA	NA	0.011	U	0.0049	U	0.0071	U	0.0082	U	
Acrylonitrile	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Benzene	0.06	4.8	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Bromochloromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Bromodichloromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Bromoform	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Bromomethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Carbon disulfide	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Carbon tetrachloride	0.76	2.4	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Chlorobenzene	1.1	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Chloroethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Chloroform	0.37	49	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Chloromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
cis-1,3-Dichloropropylene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Cyclohexane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Dibromochloromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Dibromomethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Dichlorodifluoromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Ethyl Benzene	1	41	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Hexachlorobutadiene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Isopropylbenzene	2.3	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Methyl acetate	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Methyl tert-butyl ether (MTBE)	0.93	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Methylcyclohexane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Methylene chloride	0.05	100	0.017	J	0.0049	U	0.0071	U	0.0082	U	
n-Butylbenzene	12	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
n-Propylbenzene	3.9	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
o-Xylene	0.26	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
p- & m- Xylenes	0.26	100	0.011	U	0.0049	U	0.0071	U	0.0082	U	
p-Isopropyltoluene	10	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
sec-Butylbenzene	11	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Styrene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
tert-Butyl alcohol (TBA)	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
tert-Butylbenzene	5.9	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Tetrachloroethylene (PCE)	1.3	19	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Toluene	0.7	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
trans-1,3-Dichloropropylene	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Trichloroethylene (TCE)	0.47	21	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Trichlorofluoromethane	NA	NA	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Vinyl chloride (VC)	0.02	0.9	0.0056	U	0.0024	U	0.0036	U	0.0041	U	
Xylenes, Total	0.26	100	0.017	U	0.0073	U	0.011	U	0.012	U	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold			Sample ID		TP-6		TP-12		TP-14		TP-18	
			Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
			Dilution Factor		1		1		1		1	
VOCS, 8260	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1,1-Trichloroethane	0.68	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1,2,2-Tetrachloroethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1,2-Trichloroethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1-Dichloroethane	0.27	26	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2,3-Trichlorobenzene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2,3-Trichloropropane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2,4-Trichlorobenzene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2,4-Trimethylbenzene	3.6	52	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2-Dibromo-3-chloropropane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2-Dibromoethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2-Dichlorobenzene	1.1	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2-Dichloroethane	0.02	3.1	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,2-Dichloropropane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,3,5-Trimethylbenzene	8.4	52	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,3-Dichlorobenzene	2.4	49	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,4-Dichlorobenzene	1.8	13	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
1,4-Dioxane	0.1	13	0.072	U	0.092	U	0.052	U	0.057	U		
2-Butanone (MEK)	0.12	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
2-Hexanone	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
4-Methyl-2-pentanone	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Acetone	0.05	100	0.0072	U	0.0092	U	0.0086	J	0.007	J		
Acrolein	NA	NA	0.0072	U	0.0092	U	0.0052	U	0.0057	U		
Acrylonitrile	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Benzene	0.06	4.8	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Bromochloromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Bromodichloromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Bromoform	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Bromomethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Carbon disulfide	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Carbon tetrachloride	0.76	2.4	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Chlorobenzene	1.1	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Chloroethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Chloroform	0.37	49	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Chloromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
cis-1,3-Dichloropropylene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Cyclohexane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Dibromochloromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Dibromomethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Dichlorodifluoromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Ethyl Benzene	1	41	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Hexachlorobutadiene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Isopropylbenzene	2.3	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Methyl acetate	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Methyl tert-butyl ether (MTBE)	0.93	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Methylcyclohexane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Methylene chloride	0.05	100	0.012	J	0.0092	U	0.0052	U	0.0057	U		
n-Butylbenzene	12	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
n-Propylbenzene	3.9	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
o-Xylene	0.26	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
p- & m- Xylenes	0.26	100	0.0072	U	0.0092	U	0.0052	U	0.0057	U		
p-Isopropyltoluene	10	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
sec-Butylbenzene	11	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Styrene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
tert-Butyl alcohol (TBA)	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
tert-Butylbenzene	5.9	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Tetrachloroethylene (PCE)	1.3	19	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Toluene	0.7	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
trans-1,3-Dichloropropylene	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Trichloroethylene (TCE)	0.47	21	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Trichlorofluoromethane	NA	NA	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Vinyl chloride (VC)	0.02	0.9	0.0036	U	0.0046	U	0.0026	U	0.0029	U		
Xylenes, Total	0.26	100	0.011	U	0.014	U	0.0077	U	0.0086	U		

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 2: VOCs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		SS-01	
		Sample Date	Dilution Factor	(10-27-2020)	
		UU SCO	RRU SCO	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.005	U	
1,1,1-Trichloroethane	0.68	100	0.005	U	
1,1,2,2-Tetrachloroethane	NA	NA	0.005	U	
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.005	U	
1,1,2-Trichloroethane	NA	NA	0.005	U	
1,1-Dichloroethane	0.27	26	0.005	U	
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.005	U	
1,2,3-Trichlorobenzene	NA	NA	0.005	U	
1,2,3-Trichloropropane	NA	NA	0.005	U	
1,2,4-Trichlorobenzene	NA	NA	0.005	U	
1,2,4-Trimethylbenzene	3.6	52	0.005	U	
1,2-Dibromo-3-chloropropane	NA	NA	0.005	U	
1,2-Dibromoethane	NA	NA	0.005	U	
1,2-Dichlorobenzene	1.1	100	0.005	U	
1,2-Dichloroethane	0.02	3.1	0.005	U	
1,2-Dichloropropane	NA	NA	0.005	U	
1,3,5-Trimethylbenzene	8.4	52	0.005	U	
1,3-Dichlorobenzene	2.4	49	0.005	U	
1,4-Dichlorobenzene	1.8	13	0.005	U	
1,4-Dioxane	0.1	13	0.1	U	
2-Butanone (MEK)	0.12	100	0.005	U	
2-Hexanone	NA	NA	0.005	U	
4-Methyl-2-pentanone	NA	NA	0.005	U	
Acetone	0.05	100	0.01	U	
Acrolein	NA	NA	0.01	U	
Acrylonitrile	NA	NA	0.005	U	
Benzene	0.06	4.8	0.005	U	
Bromochloromethane	NA	NA	0.005	U	
Bromodichloromethane	NA	NA	0.005	U	
Bromoform	NA	NA	0.005	U	
Bromomethane	NA	NA	0.005	U	
Carbon disulfide	NA	NA	0.005	U	
Carbon tetrachloride	0.76	2.4	0.005	U	
Chlorobenzene	1.1	100	0.005	U	
Chloroethane	NA	NA	0.005	U	
Chloroform	0.37	49	0.005	U	
Chloromethane	NA	NA	0.005	U	
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.005	U	
cis-1,3-Dichloropropylene	NA	NA	0.005	U	
Cyclohexane	NA	NA	0.005	U	
Dibromochloromethane	NA	NA	0.005	U	
Dibromomethane	NA	NA	0.005	U	
Dichlorodifluoromethane	NA	NA	0.005	U	
Ethyl Benzene	1	41	0.005	U	
Hexachlorobutadiene	NA	NA	0.005	U	
Isopropylbenzene	2.3	100	0.005	U	
Methyl acetate	NA	NA	0.005	U	
Methyl tert-butyl ether (MTBE)	0.93	100	0.005	U	
Methylcyclohexane	NA	NA	0.005	U	
Methylene chloride	0.05	100	0.011	J	
n-Butylbenzene	12	100	0.005	U	
n-Propylbenzene	3.9	100	0.005	U	
o-Xylene	0.26	100	0.005	U	
p- & m- Xylenes	0.26	100	0.01	U	
p-Isopropyltoluene	10	NA	0.005	U	
sec-Butylbenzene	11	100	0.005	U	
Styrene	NA	NA	0.005	U	
tert-Butyl alcohol (TBA)	NA	NA	0.005	U	
tert-Butylbenzene	5.9	100	0.005	U	
Tetrachloroethylene (PCE)	1.3	19	0.005	U	
Toluene	0.7	100	0.005	U	
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.005	U	
trans-1,3-Dichloropropylene	NA	NA	0.005	U	
Trichloroethylene (TCE)	0.47	21	0.005	U	
Trichlorofluoromethane	NA	NA	0.005	U	
Vinyl chloride (VC)	0.02	0.9	0.005	U	
Xylenes, Total	0.26	100	0.015	U	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GBTs File: 20-0857

All data in mg/Kg (ppm)											
U= Not Detected ≥ value											
Data above SCOs shown in Bold											
SVOCs, 8270	UU SCO	RRU SCO	TP-1 SS		TP-2		TP-4		TP-5		
			(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)		
Sample ID			Sample Date		Dilution Factor						
			2		2		2		2		
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1'-Biphenyl	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
1,2,4-Trichlorobenzene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
1,2-Dichlorobenzene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
1,3-Dichlorobenzene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
1,4-Dichlorobenzene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,3,4,6-Tetrachlorophenol	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
2,4,5-Trichlorophenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,4,6-Trichlorophenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,4-Dichlorophenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,4-Dimethylphenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,4-Dinitrophenol	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
2,4-Dinitrotoluene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2,6-Dinitrotoluene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2-Chloronaphthalene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2-Chlorophenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2-Methylnaphthalene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2-Methylphenol	0.33	100	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
2-Nitroaniline	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
2-Nitrophenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
3- & 4-Methylphenols	0.33	100	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
3,3'-Dichlorobenzidine	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
3-Nitroaniline	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
4,6-Dinitro-2-methylphenol	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
4-Bromophenyl phenyl ether	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
4-Chloro-3-methylphenol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
4-Chloroaniline	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
4-Chlorophenyl phenyl ether	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
4-Nitroaniline	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
4-Nitrophenol	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
Acenaphthene	20	100	0.122	D	0.0468	U	0.0475	U	0.0486	U	
Acenaphthylene	100	100	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Acetophenone	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Aniline	NA	NA	0.21	U	0.187	U	0.19	U	0.194	U	
Anthracene	100	100	0.257	D	0.0468	U	0.0475	U	0.0486	U	
Atrazine	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Benzaldehyde	NA	NA	0.0805	JD	0.0468	U	0.0475	U	0.0486	U	
Benzidine	NA	NA	0.21	U	0.187	U	0.19	U	0.194	U	
Benzo(a)anthracene	1	1	0.63	D	0.0955	D	0.0636	JD	0.0535	JD	
Benzo(a)pyrene	1	1	0.578	D	0.0873	JD	0.0667	JD	0.0581	JD	
Benzo(b)fluoranthene	1	1	0.557	D	0.0776	JD	0.0659	JD	0.0504	JD	
Benzo(g,h,i)perylene	100	100	0.388	D	0.0604	JD	0.0492	JD	0.0486	U	
Benzo(k)fluoranthene	0.8	3.9	0.491	D	0.0798	JD	0.0583	JD	0.0486	U	
Benzoic acid	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Benzyl alcohol	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Benzyl butyl phthalate	NA	NA	0.238	D	0.0468	U	0.0475	U	0.0486	U	
Bis(2-chloroethoxy)methane	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Bis(2-chloroethyl)ether	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Bis(2-chloroisopropyl)ether	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Bis(2-ethylhexyl)phthalate	NA	NA	0.243	D	0.0507	JD	0.0475	U	0.0729	JD	
Caprolactam	NA	NA	0.105	U	0.0933	U	0.0948	U	0.097	U	
Carbazole	NA	NA	0.131	D	0.0468	U	0.0475	U	0.0486	U	
Chrysene	1	3.9	0.616	D	0.088	JD	0.0757	JD	0.0636	JD	
Dibenzo(a,h)anthracene	0.33	0.33	0.139	D	0.0468	U	0.0475	U	0.0486	U	
Dibenzofuran	7	59	0.062	JD	0.0468	U	0.0475	U	0.0486	U	
Diethyl phthalate	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Dimethyl phthalate	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Di-n-butyl phthalate	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Di-n-octyl phthalate	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Fluoranthene	100	100	1.3	D	0.156	D	0.147	D	0.0946	JD	
Fluorene	30	100	0.138	D	0.0468	U	0.0475	U	0.0486	U	
Hexachlorobenzene	0.33	1.2	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Hexachlorobutadiene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Hexachlorocyclopentadiene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Hexachloroethane	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.438	D	0.0649	JD	0.0591	JD	0.0486	U	
Isophorone	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Naphthalene	12	100	0.0645	JD	0.0468	U	0.0475	U	0.0486	U	
Nitrobenzene	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
N-Nitrosodimethylamine	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
N-nitroso-di-n-propylamine	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
N-Nitrosodiphenylamine	NA	NA	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Pentachlorophenol	0.8	6.7	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Phenanthrene	100	100	0.994	D	0.0753	JD	0.0795	JD	0.0488	JD	
Phenol	0.33	100	0.0526	U	0.0468	U	0.0475	U	0.0486	U	
Pyrene	100	100	1.03	D	0.131	D	0.122	D	0.0876	JD	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils



TECHNICAL SERVICES

GBTS File: 20-0857

All data in mg/Kg (ppm)		Sample ID		TP-6		TP-12		TP-14		TP-18	
U= Not Detected ≥ value		Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
Data above SCOs shown in Bold		Dilution Factor		2		2		2		2	
SVOCs, 8270	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1'-Biphenyl	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
1,2,4-Trichlorobenzene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
1,2-Dichlorobenzene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
1,3-Dichlorobenzene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
1,4-Dichlorobenzene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,3,4,6-Tetrachlorophenol	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
2,4,5-Trichlorophenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,4,6-Trichlorophenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,4-Dichlorophenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,4-Dimethylphenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,4-Dinitrophenol	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
2,4-Dinitrotoluene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2,6-Dinitrotoluene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2-Chloronaphthalene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2-Chlorophenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2-Methylnaphthalene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2-Methylphenol	0.33	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
2-Nitroaniline	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
2-Nitrophenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
3- & 4-Methylphenols	0.33	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
3,3'-Dichlorobenzidine	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
3-Nitroaniline	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
4,6-Dinitro-2-methylphenol	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
4-Bromophenyl phenyl ether	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
4-Chloro-3-methylphenol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
4-Chloroaniline	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
4-Chlorophenyl phenyl ether	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
4-Nitroaniline	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
4-Nitrophenol	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
Acenaphthene	20	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Acenaphthylene	100	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Acetophenone	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Aniline	NA	NA	0.186	U	0.187	U	0.187	U	0.174	U	
Anthracene	100	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Atrazine	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Benzaldehyde	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Benzidine	NA	NA	0.186	U	0.187	U	0.187	U	0.174	U	
Benzo(a)anthracene	1	1	0.0466	U	0.074	JD	0.0469	U	0.0437	U	
Benzo(a)pyrene	1	1	0.0466	U	0.0732	JD	0.0469	U	0.0437	U	
Benzo(b)fluoranthene	1	1	0.0466	U	0.074	JD	0.0469	U	0.0437	U	
Benzo(g,h,i)perylene	100	100	0.0466	U	0.0508	JD	0.0469	U	0.0437	U	
Benzo(k)fluoranthene	0.8	3.9	0.0466	U	0.0613	JD	0.0469	U	0.0437	U	
Benzoic acid	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Benzyl alcohol	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Benzyl butyl phthalate	NA	NA	0.0466	U	0.984	D	0.0469	U	0.0437	U	
Bis(2-chloroethoxy)methane	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Bis(2-chloroethyl)ether	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Bis(2-chloroisopropyl)ether	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Bis(2-ethylhexyl)phthalate	NA	NA	0.0466	U	0.146	D	0.0553	JD	0.0437	U	
Caprolactam	NA	NA	0.0929	U	0.0935	U	0.0935	U	0.0871	U	
Carbazole	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Chrysene	1	3.9	0.0466	U	0.074	JD	0.0469	U	0.0437	U	
Dibenzo(a,h)anthracene	0.33	0.33	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Dibenzofuran	7	59	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Diethyl phthalate	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Dimethyl phthalate	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Di-n-butyl phthalate	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Di-n-octyl phthalate	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Fluoranthene	100	100	0.0809	JD	0.149	D	0.0469	U	0.0437	U	
Fluorene	30	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Hexachlorobenzene	0.33	1.2	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Hexachlorobutadiene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Hexachlorocyclopentadiene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Hexachloroethane	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.0466	U	0.0546	JD	0.0469	U	0.0437	U	
Isophorone	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Naphthalene	12	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Nitrobenzene	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
N-Nitrosodimethylamine	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
N-nitroso-di-n-propylamine	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
N-Nitrosodiphenylamine	NA	NA	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Pentachlorophenol	0.8	6.7	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Phenanthrene	100	100	0.0466	U	0.0732	JD	0.0469	U	0.0437	U	
Phenol	0.33	100	0.0466	U	0.0469	U	0.0469	U	0.0437	U	
Pyrene	100	100	0.0691	JD	0.123	D	0.0469	U	0.0437	U	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 3: SVOCs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm)		Sample ID		SS-01	
U= Not Detected ≥ value		Sample Date		(10-27-2020)	
Data above SCOs shown in Bold		Dilution Factor		10	
SVOCs, 8270	UU SCO	RRU SCO	Result	Qualifier	
1,1'-Biphenyl	NA	NA	0.248	U	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.496	U	
1,2,4-Trichlorobenzene	NA	NA	0.248	U	
1,2-Dichlorobenzene	NA	NA	0.248	U	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.248	U	
1,3-Dichlorobenzene	NA	NA	0.248	U	
1,4-Dichlorobenzene	NA	NA	0.248	U	
2,3,4,6-Tetrachlorophenol	NA	NA	0.496	U	
2,4,5-Trichlorophenol	NA	NA	0.248	U	
2,4,6-Trichlorophenol	NA	NA	0.248	U	
2,4-Dichlorophenol	NA	NA	0.248	U	
2,4-Dimethylphenol	NA	NA	0.248	U	
2,4-Dinitrophenol	NA	NA	0.496	U	
2,4-Dinitrotoluene	NA	NA	0.248	U	
2,6-Dinitrotoluene	NA	NA	0.248	U	
2-Chloronaphthalene	NA	NA	0.248	U	
2-Chlorophenol	NA	NA	0.248	U	
2-Methylnaphthalene	NA	NA	0.248	U	
2-Methylphenol	0.33	100	0.248	U	
2-Nitroaniline	NA	NA	0.496	U	
2-Nitrophenol	NA	NA	0.248	U	
3- & 4-Methylphenols	0.33	100	0.248	U	
3,3'-Dichlorobenzidine	NA	NA	0.248	U	
3-Nitroaniline	NA	NA	0.496	U	
4,6-Dinitro-2-methylphenol	NA	NA	0.496	U	
4-Bromophenyl phenyl ether	NA	NA	0.248	U	
4-Chloro-3-methylphenol	NA	NA	0.248	U	
4-Chloroaniline	NA	NA	0.248	U	
4-Chlorophenyl phenyl ether	NA	NA	0.248	U	
4-Nitroaniline	NA	NA	0.496	U	
4-Nitrophenol	NA	NA	0.496	U	
Acenaphthene	20	100	0.248	U	
Acenaphthylene	100	100	0.248	U	
Acetophenone	NA	NA	0.61	D	
Aniline	NA	NA	0.993	U	
Anthracene	100	100	0.248	U	
Atrazine	NA	NA	0.248	U	
Benzaldehyde	NA	NA	0.248	U	
Benzidine	NA	NA	0.993	U	
Benzo(a)anthracene	1	1	0.248	U	
Benzo(a)pyrene	1	1	0.248	U	
Benzo(b)fluoranthene	1	1	0.248	U	
Benzo(g,h,i)perylene	100	100	0.248	U	
Benzo(k)fluoranthene	0.8	3.9	0.248	U	
Benzoic acid	NA	NA	0.59	D	
Benzyl alcohol	NA	NA	0.248	U	
Benzyl butyl phthalate	NA	NA	0.248	U	
Bis(2-chloroethoxy)methane	NA	NA	0.248	U	
Bis(2-chloroethyl)ether	NA	NA	0.248	U	
Bis(2-chloroisopropyl)ether	NA	NA	0.248	U	
Bis(2-ethylhexyl)phthalate	NA	NA	0.694	D	
Caprolactam	NA	NA	0.496	U	
Carbazole	NA	NA	0.248	U	
Chrysene	1	3.9	0.248	U	
Dibenzo(a,h)anthracene	0.33	0.33	0.248	U	
Dibenzofuran	7	59	0.248	U	
Diethyl phthalate	NA	NA	0.248	U	
Dimethyl phthalate	NA	NA	0.248	U	
Di-n-butyl phthalate	NA	NA	0.248	U	
Di-n-octyl phthalate	NA	NA	0.248	U	
Fluoranthene	100	100	0.248	U	
Fluorene	30	100	0.248	U	
Hexachlorobenzene	0.33	1.2	0.248	U	
Hexachlorobutadiene	NA	NA	0.248	U	
Hexachlorocyclopentadiene	NA	NA	0.248	U	
Hexachloroethane	NA	NA	0.248	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.248	U	
Isophorone	NA	NA	0.248	U	
Naphthalene	12	100	0.248	U	
Nitrobenzene	NA	NA	0.248	U	
N-Nitrosodimethylamine	NA	NA	0.248	U	
N-nitroso-di-n-propylamine	NA	NA	0.248	U	
N-Nitrosodiphenylamine	NA	NA	0.248	U	
Pentachlorophenol	0.8	6.7	1.27	D	
Phenanthrene	100	100	0.248	U	
Phenol	0.33	100	0.248	U	
Pyrene	100	100	0.248	U	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: Pesticides and PCBs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm)											
U= Not Detected ≥ value											
Data above SCOs shown in Bold											
		Sample ID	TP-1 SS		TP-3 SS		SS-01		TP-2		
		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)		
		Dilution Factor	5		5		5		5		
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
4,4'-DDD	0.0033	13	0.00209	U	0.00193	U	0.0129	D	0.00185	U	
4,4'-DDE	0.0033	8.9	0.00209	U	0.00193	U	0.0156	D	0.00185	U	
4,4'-DDT	0.0033	7.9	0.00209	U	0.00193	U	0.232	D	0.00397	DP	
Aldrin	0.005	0.097	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
alpha-BHC	0.02	0.48	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
alpha-Chlordane	0.094	4.2	0.00209	U	0.00193	U	0.0418	DP	0.00185	U	
beta-BHC	0.036	0.36	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Chlordane (total)	NA	NA	0.0418	U	0.0385	U	0.361	DP	0.037	U	
delta-BHC	0.04	100	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Dieldrin	0.005	0.2	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endosulfan I	2.4	24	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endosulfan II	2.4	24	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endosulfan sulfate	2.4	24	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endrin	0.014	11	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endrin aldehyde	NA	NA	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Endrin ketone	NA	NA	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
gamma-BHC (Lindane)	0.1	1.3	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
gamma-Chlordane	NA	NA	0.00209	U	0.00193	U	0.0248	D	0.00185	U	
Heptachlor	0.042	2.1	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Heptachlor Epoxide	NA	NA	0.00209	U	0.00193	U	0.00196	U	0.00185	U	
Methoxychlor	NA	NA	0.0104	U	0.00963	U	0.00981	U	0.00926	U	
Toxaphene	NA	NA	0.106	U	0.0974	U	0.0993	U	0.0937	U	

All data in mg/Kg (ppm)											
U= Not Detected ≥ value											
Data above SCOs shown in Bold											
		Sample ID	TP-1 SS		TP-3 SS		SS-01		TP-2		
		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)		
		Dilution Factor	1		1		1		1		
PCBs, 8082	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aroclor 1016	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1221	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1232	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1242	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1248	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1254	0.1	1.00	0.0211	U	0.0194	U	0.0411		0.0187	U	
Aroclor 1260	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1262	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor 1268	0.1	1.00	0.0211	U	0.0194	U	0.0198	U	0.0187	U	
Aroclor, Total	0.1	1.00	0.0211	U	0.0194	U	0.0411		0.0187	U	

Analyte Detected
Analyte Above UU SCO
Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: Pesticides and PCBs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID	TP-4		TP-5		TP-6		TP-12	
		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor	5		5		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00189	U	0.00192	U	0.00184	U	0.00183	U
4,4'-DDE	0.0033	8.9	0.00189	U	0.00192	U	0.00184	U	0.00183	U
4,4'-DDT	0.0033	7.9	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Aldrin	0.005	0.097	0.00189	U	0.00192	U	0.00184	U	0.00183	U
alpha-BHC	0.02	0.48	0.00189	U	0.00192	U	0.00184	U	0.00183	U
alpha-Chlordane	0.094	4.2	0.00189	U	0.00192	U	0.00184	U	0.00183	U
beta-BHC	0.036	0.36	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Chlordane (total)	NA	NA	0.0377	U	0.0385	U	0.0369	U	0.0366	U
delta-BHC	0.04	100	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Dieldrin	0.005	0.2	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endosulfan I	2.4	24	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endosulfan II	2.4	24	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endosulfan sulfate	2.4	24	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endrin	0.014	11	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endrin aldehyde	NA	NA	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Endrin ketone	NA	NA	0.00189	U	0.00192	U	0.00184	U	0.00183	U
gamma-BHC (Lindane)	0.1	1.3	0.00189	U	0.00192	U	0.00184	U	0.00183	U
gamma-Chlordane	NA	NA	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Heptachlor	0.042	2.1	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Heptachlor Epoxide	NA	NA	0.00189	U	0.00192	U	0.00184	U	0.00183	U
Methoxychlor	NA	NA	0.00944	U	0.00962	U	0.00922	U	0.00916	U
Toxaphene	NA	NA	0.0955	U	0.0974	U	0.0933	U	0.0927	U

		Sample ID	TP-4		TP-5		TP-6		TP-12	
		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor	1		1		1		1	
PCBs, 8082	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aroclor 1016	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1221	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1232	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1242	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1248	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1254	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0275	
Aroclor 1260	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1262	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor 1268	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0185	U
Aroclor, Total	0.1	1.00	0.0191	U	0.0194	U	0.0186	U	0.0275	

Analyte Detected
Analyte Above UU SCO
Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: Pesticides and PCBs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID	TP-14		TP-18		TP-1		TP-3	
		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor	5		5		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00185	U	0.00173	U	0.00179	U	0.00189	U
4,4'-DDE	0.0033	8.9	0.00185	U	0.00173	U	0.00179	U	0.00189	U
4,4'-DDT	0.0033	7.9	0.00185	U	0.00173	U	0.00623	D	0.00189	U
Aldrin	0.005	0.097	0.00185	U	0.00173	U	0.00179	U	0.00189	U
alpha-BHC	0.02	0.48	0.00185	U	0.00173	U	0.00179	U	0.00189	U
alpha-Chlordane	0.094	4.2	0.00185	U	0.00173	U	0.00179	U	0.00189	U
beta-BHC	0.036	0.36	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Chlordane (total)	NA	NA	0.037	U	0.0346	U	0.0359	U	0.0378	U
delta-BHC	0.04	100	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Dieldrin	0.005	0.2	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endosulfan I	2.4	24	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endosulfan II	2.4	24	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endosulfan sulfate	2.4	24	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endrin	0.014	11	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endrin aldehyde	NA	NA	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Endrin ketone	NA	NA	0.00185	U	0.00173	U	0.00179	U	0.00189	U
gamma-BHC (Lindane)	0.1	1.3	0.00185	U	0.00173	U	0.00179	U	0.00189	U
gamma-Chlordane	NA	NA	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Heptachlor	0.042	2.1	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Heptachlor Epoxide	NA	NA	0.00185	U	0.00173	U	0.00179	U	0.00189	U
Methoxychlor	NA	NA	0.00925	U	0.00865	U	0.00896	U	0.00945	U
Toxaphene	NA	NA	0.0936	U	0.0875	U	0.0907	U	0.0956	U

		Sample ID	TP-14		TP-18	
		Sample Date	(10-27-2020)		(10-27-2020)	
		Dilution Factor	1		1	
PCBs, 8082	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier
Aroclor 1016	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1221	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1232	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1242	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1248	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1254	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1260	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1262	0.1	1.00	0.0187	U	0.0175	U
Aroclor 1268	0.1	1.00	0.0187	U	0.0175	U
Aroclor, Total	0.1	1.00	0.0187	U	0.0175	U

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 4: Pesticides and PCBs in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold			Sample ID		TP-11		TP-16	
			Sample Date		(10-27-2020)		(10-27-2020)	
			Dilution Factor		5		5	
Pesticides, 8081	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00198	U	0.00173	U	0.00173	U
4,4'-DDE	0.0033	8.9	0.00198	U	0.00173	U	0.00173	U
4,4'-DDT	0.0033	7.9	0.00198	U	0.00173	U	0.00173	U
Aldrin	0.005	0.097	0.00198	U	0.00173	U	0.00173	U
alpha-BHC	0.02	0.48	0.00198	U	0.00173	U	0.00173	U
alpha-Chlordane	0.094	4.2	0.00198	U	0.00173	U	0.00173	U
beta-BHC	0.036	0.36	0.00198	U	0.00173	U	0.00173	U
Chlordane (total)	NA	NA	0.0396	U	0.0347	U	0.0347	U
delta-BHC	0.04	100	0.00198	U	0.00173	U	0.00173	U
Dieldrin	0.005	0.2	0.00198	U	0.00173	U	0.00173	U
Endosulfan I	2.4	24	0.00198	U	0.00173	U	0.00173	U
Endosulfan II	2.4	24	0.00198	U	0.00173	U	0.00173	U
Endosulfan sulfate	2.4	24	0.00198	U	0.00173	U	0.00173	U
Endrin	0.014	11	0.00198	U	0.00173	U	0.00173	U
Endrin aldehyde	NA	NA	0.00198	U	0.00173	U	0.00173	U
Endrin ketone	NA	NA	0.00198	U	0.00173	U	0.00173	U
gamma-BHC (Lindane)	0.1	1.3	0.00198	U	0.00173	U	0.00173	U
gamma-Chlordane	NA	NA	0.00198	U	0.00173	U	0.00173	U
Heptachlor	0.042	2.1	0.00198	U	0.00173	U	0.00173	U
Heptachlor Epoxide	NA	NA	0.00198	U	0.00173	U	0.00173	U
Methoxychlor	NA	NA	0.00989	U	0.00867	U	0.00867	U
Toxaphene	NA	NA	0.1	U	0.0878	U	0.0878	U

Sample ID		
Sample Date		
Dilution Factor		
PCBs, 8082	UU SCO	RRU SCO
Aroclor 1016	0.1	1.00
Aroclor 1221	0.1	1.00
Aroclor 1232	0.1	1.00
Aroclor 1242	0.1	1.00
Aroclor 1248	0.1	1.00
Aroclor 1254	0.1	1.00
Aroclor 1260	0.1	1.00
Aroclor 1262	0.1	1.00
Aroclor 1268	0.1	1.00
Aroclor, Total	0.1	1.00

Analyte Detected
Analyte Above UU SCO
Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		TP-1		TP-2		TP-3		TP-4	
		Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	8,220		9,780		17,700		14,400		
Antimony	NA	NA	2.74	U	2.82	U	2.89	U	2.87	U	
Arsenic	13	16	2.19		1.69	U	3.57		10.8		
Barium	350	400	98.3		119		62.5		124		
Beryllium	7.2	72	0.055	U	0.056	U	0.058	U	0.083		
Cadmium	2.5	4.3	0.329	U	0.912		0.347	U	0.344	U	
Calcium	NA	NA	6,800	B	8,890		1,760	B	792		
Chromium	30	180	8.32		139		13.5		13.1		
Cobalt	NA	NA	6.59		7.94		6.48		6.2		
Copper	50	270	19.9		26.1		30.6		140		
Iron	NA	NA	13,400		22,400		20,300		20,000		
Lead	63	400	84.6		56.1		148		382		
Magnesium	NA	NA	2,890		5,620		2,190		2,200		
Manganese	1,600	2,000	573		289		698		328		
Mercury	0.18	0.81	0.0362	U	0.997		0.0382	U	0.157		
Nickel	30	310	13.1		28.4		11.5		12.5		
Potassium	NA	NA	1,190		1,790		770		838		
Selenium	3.9	180	2.74	U	2.82	U	2.89	U	2.87	U	
Silver	2	180	0.549	U	1.74		0.578	U	0.574	U	
Sodium	NA	NA	55.2		56.5	U	57.8	U	57.4	U	
Thallium	NA	NA	2.74	U	2.82	U	2.89	U	2.87	U	
Vanadium	NA	NA	11.2		13.7		22.3		17.7		
Zinc	109	10,000	75.9		1,650	B	73.5		162	B	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		TP-5		TP-6		TP-11		TP-12	
		Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	10,800		8,970		15,100		9,200		
Antimony	NA	NA	2.94	U	2.81	U	3.03	U	2.83	U	
Arsenic	13	16	2.93		4.15		2.26		5.24		
Barium	350	400	43.6		62.7		81.9		264		
Beryllium	7.2	72	0.059	U	0.136		0.061	U	0.057	U	
Cadmium	2.5	4.3	0.352	U	0.338	U	0.363	U	0.34	U	
Calcium	NA	NA	2,360		1,450		3,550	B	5,310		
Chromium	30	180	10.1		8		13.6		7.07		
Cobalt	NA	NA	4.35		7.35		7.55		4.62		
Copper	50	270	22.8		22.7		19.4		9.15		
Iron	NA	NA	14,100		14,900		19,500		12,200		
Lead	63	400	45		43.1		156		23.2		
Magnesium	NA	NA	1,690		2,770		2,930		1,560		
Manganese	1,600	2,000	402		456		645		808		
Mercury	0.18	0.81	0.137		0.0901		0.04	U	0.528		
Nickel	30	310	8.87		12.8		15.1		6.94		
Potassium	NA	NA	783		1,020		1,030		571		
Selenium	3.9	180	2.94	U	2.81	U	3.03	U	2.83	U	
Silver	2	180	0.587	U	0.563	U	0.606	U	0.566	U	
Sodium	NA	NA	58.7	U	56.3	U	60.8		56.6	U	
Thallium	NA	NA	2.94	U	2.81	U	3.03	U	2.83	U	
Vanadium	NA	NA	13.2		10.2		18.8		11.5		
Zinc	109	10,000	57.7	B	62.9	B	70.5		84.1	B	

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		TP-14		TP-16		TP-18	
		Sample Date		(10-27-2020)		(10-27-2020)		(10-27-2020)	
		Dilution Factor		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	12,100		8,270		10,600		
Antimony	NA	NA	2.83	U	2.65	U	2.64	U	
Arsenic	13	16	5.54		1.59	U	4.29		
Barium	350	400	40.2		47		33.5		
Beryllium	7.2	72	0.057	U	0.053	U	0.053	U	
Cadmium	2.5	4.3	0.34	U	0.318	U	0.317	U	
Calcium	NA	NA	388		1,200	B	315		
Chromium	30	180	10.8		7.08		7.94		
Cobalt	NA	NA	7.08		5.89		5.72		
Copper	50	270	16.7		19.1		7.49		
Iron	NA	NA	19,100		12,900		14,900		
Lead	63	400	13.1		63.6		51.6		
Magnesium	NA	NA	2,870		2,310		2,030		
Manganese	1,600	2,000	302		362		292		
Mercury	0.18	0.81	0.0372		0.035	U	0.0925		
Nickel	30	310	13.6		11.4		11.2		
Potassium	NA	NA	985		744		646		
Selenium	3.9	180	2.83	U	2.65	U	2.64	U	
Silver	2	180	0.566	U	0.531	U	0.528	U	
Sodium	NA	NA	56.6	U	53.1	U	52.8	U	
Thallium	NA	NA	2.83	U	2.65	U	2.64	U	
Vanadium	NA	NA	15.7		9.76		10.8		
Zinc	109	10,000	44.6	B	59.9		78.8	B	

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm)		Sample ID	TP-1 SS		TP-3 SS		SS-01		SS-02	
U= Not Detected ≥ value		Sample Date	(10-27-2020)		(10-27-2020)		(10-27-2020)		(12-15-2020)	
Data above SCOs shown in Bold		Dilution Factor	1		1		1		10	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	6,310		10,900		7,310		3,670	
Antimony	NA	NA	3.17	U	2.99	U	3	U	4.81	U
Arsenic	13	16	1.9	U	4.79		4.61		2.89	U
Barium	350	400	93.2		113		4,270		72.7	
Beryllium	7.2	72	0.063	U	0.06	U	0.06	U	0.096	U
Cadmium	2.5	4.3	0.381	U	0.988		0.776		0.664	
Calcium	NA	NA	2,890		3,920		62,200		9,100	
Chromium	30	180	6.63		17.1		25		12.4	
Cobalt	NA	NA	4.68		5.28		4.95		4.79	
Copper	50	270	17.3		326		349		105	
Iron	NA	NA	10,000		15,400		13,400		9,130	
Lead	63	400	47.8		1,070		362		279	
Magnesium	NA	NA	1,810		2,670		4,620		1,750	
Manganese	1,600	2,000	341		524		1,410		423	
Mercury	0.18	0.81	1.09		0.281		1.53		0.159	
Nickel	30	310	9.81		14		10.1		9.6	
Potassium	NA	NA	687		794		874		719	B
Selenium	3.9	180	3.17	U	2.99	U	3	U	4.81	U
Silver	2	180	0.635	U	0.599	U	3.49		0.962	U
Sodium	NA	NA	63.5	U	59.9	U	93.7		96.2	U
Thallium	NA	NA	3.17	U	2.99	U	3	U	4.81	U
Vanadium	NA	NA	7.12		14.3		9.33		8.32	
Zinc	109	10,000	117	B	325	B	2,290	B	6,980	D

Analyte Detected
Analyte Above UU SCO
Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		SS-03		SS-04		SS-05		SS-06	
		Sample Date		(12-15-2020)		(12-15-2020)		(12-15-2020)		(12-15-2020)	
		Dilution Factor		1		1		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	11,000		7,220		7,820		5,140		
Antimony	NA	NA	4.32	U	3.47	U	2.93	U	7.93	U	
Arsenic	13	16	6.18		3.4		1.96		32.8		
Barium	350	400	372		123		123		167		
Beryllium	7.2	72	0.086	U	0.069	U	0.185		0.159	U	
Cadmium	2.5	4.3	6.62		1.95		0.352	U	0.952	U	
Calcium	NA	NA	9,990		5,180		1,700		9,800		
Chromium	30	180	32.8		21.9		13.8		76.5		
Cobalt	NA	NA	12		6.68		8.65		7.56		
Copper	50	270	703		58.4		17.5		34.4		
Iron	NA	NA	34,200		15,300		16,900		20,100		
Lead	63	400	4,020		224		68.6		504		
Magnesium	NA	NA	4,390		2,020		3,380		1,500		
Manganese	1,600	2,000	626		429		605		570		
Mercury	0.18	0.81	0.436		0.158		0.303		3.74		
Nickel	30	310	27.8		16.6		16.8		20.2		
Potassium	NA	NA	1,180	B	820	B	1,150	B	1,280	B	
Selenium	3.9	180	4.32	U	3.47	U	2.93	U	7.93	U	
Silver	2	180	0.864	U	0.695	U	0.586	U	1.59	U	
Sodium	NA	NA	257	B	85.7	B	58.6	U	272	B	
Thallium	NA	NA	4.32	U	3.47	U	2.93	U	7.93	U	
Vanadium	NA	NA	28.9		14.9		10.3		53.8		
Zinc	109	10,000	2,320		260		139		637		

Analyte Detected
 Analyte Above UU SCO
 Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 5: TAL Metals in Soils

GBTS File: 20-0857

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold		Sample ID		SS-07		SS-08	
		Sample Date		(12-15-2020)		(12-15-2020)	
		Dilution Factor		1		1	
Metals, 6010 and 7473	UU SCO	RRU SCO	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	14,800		17,000		
Antimony	NA	NA	3.53	U	3.23	U	
Arsenic	13	16	6.64		6.26		
Barium	350	400	102		75.9		
Beryllium	7.2	72	0.071	U	0.065	U	
Cadmium	2.5	4.3	0.423	U	0.388	U	
Calcium	NA	NA	828		819		
Chromium	30	180	51.4		13.1		
Cobalt	NA	NA	7.76		7.99		
Copper	50	270	25.1		16.6		
Iron	NA	NA	19,200		19,700		
Lead	63	400	225		33.4		
Magnesium	NA	NA	2,100		2,540		
Manganese	1,600	2,000	723		724		
Mercury	0.18	0.81	0.152		0.131		
Nickel	30	310	14.2		11.1		
Potassium	NA	NA	953	B	1,070	B	
Selenium	3.9	180	3.53	U	3.23	U	
Silver	2	180	0.799		1.06		
Sodium	NA	NA	70.5	U	66.7	B	
Thallium	NA	NA	3.53	U	3.23	U	
Vanadium	NA	NA	18.4		21.7		
Zinc	109	10,000	213		97.2		

- Analyte Detected
- Analyte Above UU SCO
- Analyte Above RRU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available
 Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table 6: VOCs in Soil Vapor

GBTS File: 20-0857

All data in $\mu\text{g}/\text{m}^3$ U= Not Detected \geq value	Sample ID	SV-01		SV-02		SV-03		SV-04		SV-05	
	Sample Date	12/15/2020		12/15/2020		12/15/2020		12/15/2020		12/15/2020	
	Dilution Factor	1		1		1		1		1	
VOCs, TO-15	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1,1-Trichloroethane	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	
1,1,2,2-Tetrachloroethane	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	
1,1,2-Trichloroethane	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	
1,1-Dichloroethane	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	
1,1-Dichloroethene	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	
1,2,4-Trichlorobenzene	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	
1,2,4-Trimethylbenzene	4.51		0.983	U	0.983	U	0.983	U	0.983	U	
1,2-Dibromoethane	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	
1,2-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	
1,2-Dichloroethane	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	
1,2-Dichloropropane	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	
1,3,5-Trimethylbenzene	1.26		0.983	U	0.983	U	0.983	U	0.983	U	
1,3-Butadiene	24.3		0.442	U	0.442	U	0.442	U	0.442	U	
1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	
1,4-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	
1,4-Dioxane	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	
2,2,4-Trimethylpentane	4.9		4.95		7.15		8.55		8.22		
2-Butanone	1.47	U	4.84		7.31		19.8		3.72		
2-Hexanone	0.82	U	0.82	U	0.82	U	3.07		0.82	U	
3-Chloropropene	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	
4-Ethyltoluene	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	
4-Methyl-2-pentanone	2.05	U	3.93		10.5		44.3		2.05	U	
Acetone	6.41		45.4		67.2		116		44.9		
Benzene	6.74		3.42		3.23		3.55		5.62		
Benzyl chloride	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	
Bromodichloromethane	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	
Bromoform	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	
Bromomethane	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	
Carbon disulfide	0.623	U	0.623	U	1.49		0.623	U	0.623	U	
Carbon tetrachloride	1.26	U	1.26	U	1.26	U	1.26	U	1.26	U	
Chlorobenzene	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	
Chloroethane	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	
Chloroform	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	
Chloromethane	0.628	U	0.413	U	0.413	U	0.413	U	0.413	U	
cis-1,2-Dichloroethene	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	
cis-1,3-Dichloropropene	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	
Cyclohexane	2.84		1.97		2.49		3.18		3.11		
Dibromochloromethane	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	
Dichlorodifluoromethane	1.98		1.91		1.9		1.91		1.87		
Ethanol	153		185		230		156		475		
Ethyl Acetate	1.8	U	1.8	U	1.8	U	2.98		1.8	U	
Ethylbenzene	0.869	U	0.895		0.869	U	0.938		0.93		
Freon-113	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	
Freon-114	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	
Heptane	5.08		3.84		7.7		5.37		7.75		
Hexachlorobutadiene	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	
Isopropanol	11.4		16.6		21.8		18.4		159		
Methyl tert butyl ether	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	
Methylene chloride	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	
n-Hexane	12.5		6.73		23.5		10.5		12.4		
o-Xylene	1.11		1.03		0.869	U	0.869	U	0.869	U	
p/m-Xylene	2.21		2.59		1.84		2.42		2.4		
Styrene	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	
Tertiary butyl Alcohol	1.52	U	1.52	U	2.11		1.65		1.52	U	
Tetrachloroethene	1.36	U	1.36	U	1.36	U	1.36	U	1.36	U	
Tetrahydrofuran	1.47	U	1.47	U	1.47	U	1.47	U	1.47	U	
Toluene	5.43		7.61		5.77		8.14		10.2		
trans-1,2-Dichloroethene	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	
trans-1,3-Dichloropropene	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	
Trichloroethene	1.07	U	1.07	U	1.07	U	1.07	U	1.07	U	
Trichlorofluoromethane	1.12	U	1.12	U	1.12	U	1.12	U	1.12	U	
Vinyl bromide	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	
Vinyl chloride	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	

Detected concentrations
Relatively elevated concentrations

Notes: NA = not available
Result Qualifiers: J = approximate E = estimated B = detected in blank

APPENDIX D

Laboratory Reports



Technical Report

prepared for:

Gallagher Bassett - Poughkeepsie, NY

22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

Report Date: 11/23/2020
Client Project ID: 20-0857
York Project (SDG) No.: 20J1329

Revision No. 1.0

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 11/23/2020
Client Project ID: 20-0857
York Project (SDG) No.: 20J1329

Gallagher Bassett - Poughkeepsie, NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 29, 2020 and listed below. The project was identified as your project: **20-0857**.

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

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

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

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

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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20J1329-01	TP-1 SS	Soil	10/27/2020	10/29/2020
20J1329-02	TP-2	Soil	10/27/2020	10/29/2020
20J1329-03	TP-4	Soil	10/27/2020	10/29/2020
20J1329-04	TP-5	Soil	10/27/2020	10/29/2020
20J1329-05	TP-6	Soil	10/27/2020	10/29/2020
20J1329-06	TP-12	Soil	10/27/2020	10/29/2020
20J1329-07	TP-14	Soil	10/27/2020	10/29/2020
20J1329-08	TP-18	Soil	10/27/2020	10/29/2020
20J1329-09	SS-01	Soil	10/27/2020	10/29/2020
20J1329-10	TP-7	Soil	10/27/2020	10/29/2020
20J1329-11	TP-8	Soil	10/27/2020	10/29/2020
20J1329-12	TP-9	Soil	10/27/2020	10/29/2020
20J1329-13	TP-10	Soil	10/27/2020	10/29/2020
20J1329-14	TP-3 SS	Soil	10/27/2020	10/29/2020
20J1329-15	TP-1	Soil	10/27/2020	10/29/2020
20J1329-16	TP-3	Soil	10/27/2020	10/29/2020
20J1329-17	TP-11	Soil	10/27/2020	10/29/2020
20J1329-20	TP-16	Soil	10/27/2020	10/29/2020

General Notes for York Project (SDG) No.: 20J1329

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:



Benjamin Gulizia
Laboratory Director

Date: 11/23/2020





Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:15	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:15	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.22	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
67-64-1	Acetone	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-09-2	Methylene chloride	0.017	J	mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:15	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.017	0.034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:15	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	77-125								



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	100 %			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		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
83-32-9	Acenaphthene	122		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
98-86-2	Acetophenone	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
62-53-3	Aniline	ND		ug/kg dry	210	420	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
120-12-7	Anthracene	257		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
1912-24-9	Atrazine	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
100-52-7	Benzaldehyde	80.5	J	ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
92-87-5	Benzidine	ND		ug/kg dry	210	420	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
56-55-3	Benzo(a)anthracene	630		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
50-32-8	Benzo(a)pyrene	578		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
205-99-2	Benzo(b)fluoranthene	557		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	388		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
207-08-9	Benzo(k)fluoranthene	491		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
65-85-0	Benzoic acid	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
85-68-7	Benzyl butyl phthalate	238		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
117-81-7	Bis(2-ethylhexyl)phthalate	243		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
105-60-2	Caprolactam	ND		ug/kg dry	105	209	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
86-74-8	Carbazole	131		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
218-01-9	Chrysene	616		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
53-70-3	Dibenzo(a,h)anthracene	139		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
132-64-9	Dibenzofuran	62.0	J	ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	105	209	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 19:13	KH
206-44-0	Fluoranthene	1300		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
86-73-7	Fluorene	138		ug/kg dry	52.6	105	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
193-39-5	Indeno(1,2,3-cd)pyrene	438		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
78-59-1	Isophorone	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
91-20-3	Naphthalene	64.5	J	ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
85-01-8	Phenanthrene	994		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
108-95-2	Phenol	ND		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH
129-00-0	Pyrene	1030		ug/kg dry	52.6	105	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:13	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	41.1 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	43.7 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	52.6 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.2 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	86.1 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	61.8 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 09:23	11/05/2020 06:43	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0418	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854	11/04/2020 09:23	11/05/2020 06:43	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
72-20-8	Endrin	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 09:23	11/05/2020 06:43	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00209	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.0104	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.106	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:43	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	77.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.1 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Sample 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	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 22:48	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0211	1	EPA 8082A Certifications:	11/04/2020 09:23	11/04/2020 22:48	BJ

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

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	6310		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-39-3	Barium	93.2		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.381	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-70-2	Calcium	2890		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-47-3	Chromium	6.63		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM



Sample Information

Client Sample ID: TP-1 SS

York Sample ID: 20J1329-01

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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
7440-48-4	Cobalt	4.68		mg/kg dry	0.508	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-50-8	Copper	17.3		mg/kg dry	2.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7439-89-6	Iron	10000		mg/kg dry	31.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7439-92-1	Lead	47.8		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7439-95-4	Magnesium	1810		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7439-96-5	Manganese	341		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-02-0	Nickel	9.81		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-09-7	Potassium	687		mg/kg dry	6.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-22-4	Silver	ND		mg/kg dry	0.635	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-23-5	Sodium	ND		mg/kg dry	63.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-62-2	Vanadium	7.12		mg/kg dry	1.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM
7440-66-6	Zinc	117	B	mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:53	WJM

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	1.09		mg/kg dry	0.0381	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 18:50	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	78.7		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:43	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:43	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.049	0.098	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0096	CCV-E, J	mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0049	0.0098	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0024	0.0049	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 18:43	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 18:43	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.7 %	85-120								



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

York Project (SDG) No.

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20-0857

Soil

October 27, 2020 12:00 am

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.3 %			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		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

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Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
120-12-7	Anthracene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
92-87-5	Benzidine	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
56-55-3	Benzo(a)anthracene	95.5		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
50-32-8	Benzo(a)pyrene	87.3	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
205-99-2	Benzo(b)fluoranthene	77.6	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

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Soil

October 27, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	60.4	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
207-08-9	Benzo(k)fluoranthene	79.8	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	50.7	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
86-74-8	Carbazole	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
218-01-9	Chrysene	88.0	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	93.3	186	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 19:42	KH
206-44-0	Fluoranthene	156		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
86-73-7	Fluorene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

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Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	64.9	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
78-59-1	Isophorone	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
85-01-8	Phenanthrene	75.3	J	ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
108-95-2	Phenol	ND		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
129-00-0	Pyrene	131		ug/kg dry	46.8	93.3	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 19:42	KH
Surrogate Recoveries		Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	56.3 %		20-108							
4165-62-2	Surrogate: SURR: Phenol-d5	57.7 %		23-114							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.0 %		22-108							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.4 %		21-113							
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	113 %	S-08	19-110							
1718-51-0	Surrogate: SURR: Terphenyl-d14	82.6 %		24-116							

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	0.00397		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 09:23	11/05/2020 06:59	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 09:23	11/05/2020 06:59	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 09:23	11/05/2020 06:59	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00926	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0937	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 06:59	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	91.8 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	43.8 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Sample 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 Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:01	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications:	11/04/2020 09:23	11/04/2020 23:01	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	48.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %	30-140

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	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-39-3	Barium	119		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-43-9	Cadmium	0.912		mg/kg dry	0.339	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-70-2	Calcium	8890		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-47-3	Chromium	139		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM



Sample Information

Client Sample ID: TP-2

York Sample ID: 20J1329-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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
7440-48-4	Cobalt	7.94		mg/kg dry	0.452	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-50-8	Copper	26.1		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7439-89-6	Iron	22400		mg/kg dry	28.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7439-92-1	Lead	56.1		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7439-95-4	Magnesium	5620		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7439-96-5	Manganese	289		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-02-0	Nickel	28.4		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-09-7	Potassium	1790		mg/kg dry	5.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-22-4	Silver	1.74		mg/kg dry	0.565	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-23-5	Sodium	ND		mg/kg dry	56.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-62-2	Vanadium	13.7		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM
7440-66-6	Zinc	1650	B	mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:56	WJM

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	0.997		mg/kg dry	0.0339	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 18:57	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.5		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:10	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:10	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.071	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

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Soil

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0071	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:10	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:10	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.5 %	85-120								



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

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Soil

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.8 %			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		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

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Soil

October 27, 2020 12:00 am

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
83-32-9	Acenaphthene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
62-53-3	Aniline	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
120-12-7	Anthracene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
92-87-5	Benzidine	ND		ug/kg dry	190	379	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
56-55-3	Benzo(a)anthracene	63.6	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
50-32-8	Benzo(a)pyrene	66.7	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
205-99-2	Benzo(b)fluoranthene	65.9	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

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Soil

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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	49.2	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
207-08-9	Benzo(k)fluoranthene	58.3	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
105-60-2	Caprolactam	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
86-74-8	Carbazole	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
218-01-9	Chrysene	75.7	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	94.8	189	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 20:12	KH
206-44-0	Fluoranthene	147		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
86-73-7	Fluorene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
193-39-5	Indeno(1,2,3-cd)pyrene	59.1	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
78-59-1	Isophorone	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
91-20-3	Naphthalene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
85-01-8	Phenanthrene	79.5	J	ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
108-95-2	Phenol	ND		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH
129-00-0	Pyrene	122		ug/kg dry	47.5	94.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:12	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURRE: 2-Fluorophenol	53.7 %	20-108
4165-62-2	Surrogate: SURRE: Phenol-d5	55.7 %	23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	68.5 %	22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	70.8 %	21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	106 %	19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	81.0 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 09:23	11/05/2020 07:16	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854	11/04/2020 09:23	11/05/2020 07:16	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
72-20-8	Endrin	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 09:23	11/05/2020 07:16	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00944	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0955	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 09:23	11/05/2020 07:16	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	77.0 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	61.2 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 09:23	11/04/2020 23:15	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	11/04/2020 09:23	11/04/2020 23:15	BJ

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	Surrogate: Tetrachloro-m-xylene	50.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %	30-140

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	14400		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-38-2	Arsenic	10.8		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-39-3	Barium	124		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-41-7	Beryllium	0.083		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-70-2	Calcium	792		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-47-3	Chromium	13.1		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM



Sample Information

Client Sample ID: TP-4

York Sample ID: 20J1329-03

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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
7440-48-4	Cobalt	6.20		mg/kg dry	0.459	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-50-8	Copper	140		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7439-89-6	Iron	20000		mg/kg dry	28.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7439-92-1	Lead	382		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7439-95-4	Magnesium	2200		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7439-96-5	Manganese	328		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-02-0	Nickel	12.5		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-09-7	Potassium	838		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-23-5	Sodium	ND		mg/kg dry	57.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-62-2	Vanadium	17.7		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM
7440-66-6	Zinc	162	B	mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 15:58	WJM

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	0.157		mg/kg dry	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:05	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:38	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:38	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.082	0.16	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 19:38	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.025	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 19:38	TMP
	Surrogate Recoveries	Result		Acceptance Range							
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %		77-125							
2037-26-5	Surrogate: SURRE: Toluene-d8	99.8 %		85-120							



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.2 %			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		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
83-32-9	Acenaphthene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
98-86-2	Acetophenone	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
62-53-3	Aniline	ND		ug/kg dry	194	388	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
120-12-7	Anthracene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
1912-24-9	Atrazine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
92-87-5	Benzidine	ND		ug/kg dry	194	388	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
56-55-3	Benzo(a)anthracene	53.5	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
50-32-8	Benzo(a)pyrene	58.1	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
205-99-2	Benzo(b)fluoranthene	50.4	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
65-85-0	Benzoic acid	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
117-81-7	Bis(2-ethylhexyl)phthalate	72.9	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
105-60-2	Caprolactam	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
86-74-8	Carbazole	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
218-01-9	Chrysene	63.6	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	97.0	194	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 20:42	KH
206-44-0	Fluoranthene	94.6	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
86-73-7	Fluorene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
78-59-1	Isophorone	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
91-20-3	Naphthalene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
85-01-8	Phenanthrene	48.8	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
108-95-2	Phenol	ND		ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
129-00-0	Pyrene	87.6	J	ug/kg dry	48.6	97.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 20:42	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	59.1 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	58.6 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	74.2 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	73.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	108 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.4 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 09:17	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 09:17	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 09:17	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00962	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0974	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:17	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	106 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	83.9 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
37324-23-5	Aroclor 1262	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
11100-14-4	Aroclor 1268	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 11:54	BJ
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0194	1	EPA 8082A Certifications:	11/04/2020 06:56	11/05/2020 11:54	BJ

Surrogate Recoveries	Result	Acceptance Range
877-09-8 Surrogate: Tetrachloro-m-xylene	71.0 %	30-140
2051-24-3 Surrogate: Decachlorobiphenyl	76.0 %	30-140

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10800		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-38-2	Arsenic	2.93		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-39-3	Barium	43.6		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-70-2	Calcium	2360		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-47-3	Chromium	10.1		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-48-4	Cobalt	4.35		mg/kg dry	0.470	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-50-8	Copper	22.8		mg/kg dry	2.35	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM



Sample Information

Client Sample ID: TP-5

York Sample ID: 20J1329-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	14100		mg/kg dry	29.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7439-92-1	Lead	45.0		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7439-95-4	Magnesium	1690		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7439-96-5	Manganese	402		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-02-0	Nickel	8.87		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-09-7	Potassium	783		mg/kg dry	5.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-22-4	Silver	ND		mg/kg dry	0.587	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-23-5	Sodium	ND		mg/kg dry	58.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-62-2	Vanadium	13.2		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM
7440-66-6	Zinc	57.7	B	mg/kg dry	2.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:07	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.137		mg/kg dry	0.0352	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:14	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.2		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:05	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:05	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.072	0.14	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-09-2	Methylene chloride	0.012	J	mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0036	0.0072	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:05	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.022	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:05	TMP
	Surrogate Recoveries	Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	100 %			85-120						



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

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Soil

October 27, 2020 12:00 am

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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.5 %			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		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

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Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
62-53-3	Aniline	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
120-12-7	Anthracene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
92-87-5	Benzidine	ND		ug/kg dry	186	372	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

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Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
105-60-2	Caprolactam	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
86-74-8	Carbazole	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
218-01-9	Chrysene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	92.9	186	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 21:11	KH
206-44-0	Fluoranthene	80.9	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
86-73-7	Fluorene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH



Sample Information

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Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
78-59-1	Isophorone	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
108-95-2	Phenol	ND		ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
129-00-0	Pyrene	69.1	J	ug/kg dry	46.6	92.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:11	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.5 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	57.7 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.5 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	108 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.9 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 13:27	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 13:27	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 13:27	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00922	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0933	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:27	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	105 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	57.7 %	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
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@		



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
37324-23-5	Aroclor 1262	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
11100-14-4	Aroclor 1268	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:07	BJ
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0186	1	EPA 8082A Certifications:	11/04/2020 06:56	11/05/2020 12:07	BJ

<u>Surrogate Recoveries</u>		<u>Result</u>	<u>Acceptance Range</u>
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	75.5 %	30-140

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

<u>CAS No.</u>	<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>Reported to LOQ</u>	<u>Dilution</u>	<u>Reference Method</u>	<u>Date/Time Prepared</u>	<u>Date/Time Analyzed</u>	<u>Analyst</u>
7429-90-5	Aluminum	8970		mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-38-2	Arsenic	4.15		mg/kg dry	1.69	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-39-3	Barium	62.7		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-41-7	Beryllium	0.136		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-70-2	Calcium	1450		mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-47-3	Chromium	8.00		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-48-4	Cobalt	7.35		mg/kg dry	0.450	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-50-8	Copper	22.7		mg/kg dry	2.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM



Sample Information

Client Sample ID: TP-6

York Sample ID: 20J1329-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	14900		mg/kg dry	28.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7439-92-1	Lead	43.1		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7439-95-4	Magnesium	2770		mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7439-96-5	Manganese	456		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-02-0	Nickel	12.8		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-09-7	Potassium	1020		mg/kg dry	5.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-23-5	Sodium	ND		mg/kg dry	56.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-62-2	Vanadium	10.2		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM
7440-66-6	Zinc	62.9	B	mg/kg dry	2.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:09	WJM

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	0.0901		mg/kg dry	0.0338	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:23	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by 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 Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:32	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:32	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.092	0.18	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0092	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0046	0.0092	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 20:32	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.014	0.027	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 20:32	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	100 %	85-120								



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	101 %			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		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
62-53-3	Aniline	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
120-12-7	Anthracene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
92-87-5	Benzidine	ND		ug/kg dry	187	374	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
56-55-3	Benzo(a)anthracene	74.0	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
50-32-8	Benzo(a)pyrene	73.2	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
205-99-2	Benzo(b)fluoranthene	74.0	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	50.8	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
207-08-9	Benzo(k)fluoranthene	61.3	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
85-68-7	Benzyl butyl phthalate	984		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
117-81-7	Bis(2-ethylhexyl)phthalate	146		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
86-74-8	Carbazole	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
218-01-9	Chrysene	74.0	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 21:41	KH
206-44-0	Fluoranthene	149		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
86-73-7	Fluorene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
193-39-5	Indeno(1,2,3-cd)pyrene	54.6	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
78-59-1	Isophorone	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
85-01-8	Phenanthrene	73.2	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
108-95-2	Phenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH
129-00-0	Pyrene	123		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 21:41	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURRE: 2-Fluorophenol	50.4 %		20-108
4165-62-2	Surrogate: SURRE: Phenol-d5	53.3 %		23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	67.8 %		22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	64.2 %		21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	102 %		19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	72.9 %		24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 06:56	11/05/2020 09:32	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854	11/04/2020 06:56	11/05/2020 09:32	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: NELAC-NY 10854,NJDEP	11/04/2020 06:56	11/05/2020 09:32	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00916	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0927	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:32	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	93.2 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	78.6 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
11097-69-1	Aroclor 1254	0.0275		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0185	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 12:21	BJ
1336-36-3	* Total PCBs	0.0275		mg/kg dry	0.0185	1	EPA 8082A Certifications:	11/04/2020 06:56	11/05/2020 12:21	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	66.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	64.5 %	30-140							

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	9200		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-38-2	Arsenic	5.24		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-39-3	Barium	264		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-70-2	Calcium	5310		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-47-3	Chromium	7.07		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM



Sample Information

Client Sample ID: TP-12

York Sample ID: 20J1329-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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
7440-48-4	Cobalt	4.62		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-50-8	Copper	9.15		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7439-89-6	Iron	12200		mg/kg dry	28.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7439-92-1	Lead	23.2		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7439-95-4	Magnesium	1560		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7439-96-5	Manganese	808		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-02-0	Nickel	6.94		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-09-7	Potassium	571		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-23-5	Sodium	ND		mg/kg dry	56.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-62-2	Vanadium	11.5		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM
7440-66-6	Zinc	84.1	B	mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:12	WJM

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	0.528		mg/kg dry	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:32	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:00	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:00	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

Matrix

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20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	0.0086	CCV-E, J	mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

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Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:00	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:00	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	106 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.0 %	85-120								



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

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20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.8 %			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		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
83-32-9	Acenaphthene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
98-86-2	Acetophenone	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
62-53-3	Aniline	ND		ug/kg dry	187	375	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
120-12-7	Anthracene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
1912-24-9	Atrazine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
92-87-5	Benzidine	ND		ug/kg dry	187	375	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
65-85-0	Benzoic acid	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
117-81-7	Bis(2-ethylhexyl)phthalate	55.3	J	ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
86-74-8	Carbazole	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
218-01-9	Chrysene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	93.5	187	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 22:10	KH
206-44-0	Fluoranthene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
86-73-7	Fluorene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
78-59-1	Isophorone	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
91-20-3	Naphthalene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
85-01-8	Phenanthrene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
108-95-2	Phenol	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH
129-00-0	Pyrene	ND		ug/kg dry	46.9	93.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:10	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	52.9 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	54.2 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.6 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.1 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	103 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.9 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

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20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 09:49	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 09:49	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 09:49	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00925	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0936	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 09:49	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	104 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	80.2 %		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
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@



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
37324-23-5	Aroclor 1262	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
11100-14-4	Aroclor 1268	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:34	BJ
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0187	1	EPA 8082A Certifications:	11/04/2020 06:56 11/05/2020 12:34	BJ

<u>Surrogate Recoveries</u>		<u>Result</u>	<u>Acceptance Range</u>
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	72.0 %	30-140

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	12100		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-38-2	Arsenic	5.54		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-39-3	Barium	40.2		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.340	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-70-2	Calcium	388		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-47-3	Chromium	10.8		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-48-4	Cobalt	7.08		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-50-8	Copper	16.7		mg/kg dry	2.27	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM



Sample Information

Client Sample ID: TP-14

York Sample ID: 20J1329-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	19100		mg/kg dry	28.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7439-92-1	Lead	13.1		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7439-95-4	Magnesium	2870		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7439-96-5	Manganese	302		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-02-0	Nickel	13.6		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-09-7	Potassium	985		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-23-5	Sodium	ND		mg/kg dry	56.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-62-2	Vanadium	15.7		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM
7440-66-6	Zinc	44.6	B	mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:15	WJM

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	0.0372		mg/kg dry	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:41	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:27	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:27	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0029	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:27	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0086	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:27	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.0 %	85-120								



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	98.0 %			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		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
83-32-9	Acenaphthene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
98-86-2	Acetophenone	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
62-53-3	Aniline	ND		ug/kg dry	174	349	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
120-12-7	Anthracene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
1912-24-9	Atrazine	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
92-87-5	Benzidine	ND		ug/kg dry	174	349	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

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20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
65-85-0	Benzoic acid	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
105-60-2	Caprolactam	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
86-74-8	Carbazole	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
218-01-9	Chrysene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	87.1	174	2	EPA 8270D Certifications:	11/05/2020 07:27	11/05/2020 22:40	KH
206-44-0	Fluoranthene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
86-73-7	Fluorene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY 10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
78-59-1	Isophorone	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
91-20-3	Naphthalene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
85-01-8	Phenanthrene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
108-95-2	Phenol	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH
129-00-0	Pyrene	ND		ug/kg dry	43.7	87.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/05/2020 22:40	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	47.4 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	49.9 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.3 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.8 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	99.1 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.9 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
309-00-2	Aldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 10:06	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 10:06	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
72-20-8	Endrin	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 10:06	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00865	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0875	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:06	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	113 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	89.4 %	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
120 RESEARCH DRIVE www.YORKLAB.com	STRATFORD, CT 06615 (203) 325-1371		■		132-02	89th AVENUE FAX (203) 357-0166	RICHMOND HILL, NY 11418 ClientServices@			



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20J1329	20-0857	Soil	October 27, 2020 12:00 am	10/29/2020

12674-11-2	Aroclor 1016	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
11104-28-2	Aroclor 1221	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
11141-16-5	Aroclor 1232	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
53469-21-9	Aroclor 1242	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
12672-29-6	Aroclor 1248	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
11097-69-1	Aroclor 1254	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
11096-82-5	Aroclor 1260	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
37324-23-5	Aroclor 1262	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
11100-14-4	Aroclor 1268	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56 11/05/2020 12:48	BJ
1336-36-3	* Total PCBs	ND	mg/kg dry	0.0175	1	EPA 8082A Certifications:	11/04/2020 06:56 11/05/2020 12:48	BJ

<u>Surrogate Recoveries</u>		<u>Result</u>	<u>Acceptance Range</u>
877-09-8	Surrogate: Tetrachloro-m-xylene	88.5 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	88.0 %	30-140

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

<u>CAS No.</u>	<u>Parameter</u>	<u>Result</u>	<u>Flag</u>	<u>Units</u>	<u>Reported to LOQ</u>	<u>Dilution</u>	<u>Reference Method</u>	<u>Date/Time Prepared</u>	<u>Date/Time Analyzed</u>	<u>Analyst</u>
7429-90-5	Aluminum	10600		mg/kg dry	5.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-38-2	Arsenic	4.29		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-39-3	Barium	33.5		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.317	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-70-2	Calcium	315		mg/kg dry	5.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-47-3	Chromium	7.94		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-48-4	Cobalt	5.72		mg/kg dry	0.422	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-50-8	Copper	7.49		mg/kg dry	2.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM



Sample Information

Client Sample ID: TP-18

York Sample ID: 20J1329-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	14900		mg/kg dry	26.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7439-92-1	Lead	51.6		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7439-95-4	Magnesium	2030		mg/kg dry	5.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7439-96-5	Manganese	292		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-02-0	Nickel	11.2		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-09-7	Potassium	646		mg/kg dry	5.28	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-22-4	Silver	ND		mg/kg dry	0.528	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-23-5	Sodium	ND		mg/kg dry	52.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-62-2	Vanadium	10.8		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM
7440-66-6	Zinc	78.8	B	mg/kg dry	2.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:17	WJM

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	0.0925		mg/kg dry	0.0317	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:49	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.8		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: SS-01

York Sample ID: 20J1329-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by 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	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:55	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:55	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.10	0.20	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP



Sample Information

Client Sample ID: SS-01

York Sample ID: 20J1329-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-09-2	Methylene chloride	0.011	J	mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.010	0.020	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 21:55	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.015	0.030	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 21:55	TMP
	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						



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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	102 %			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		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
83-32-9	Acenaphthene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
208-96-8	Acenaphthylene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
98-86-2	Acetophenone	610		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
62-53-3	Aniline	ND		ug/kg dry	993	1990	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
120-12-7	Anthracene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
1912-24-9	Atrazine	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
92-87-5	Benzidine	ND		ug/kg dry	993	1990	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH



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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
65-85-0	Benzoic acid	590		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
117-81-7	Bis(2-ethylhexyl)phthalate	694		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
105-60-2	Caprolactam	ND		ug/kg dry	496	990	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
86-74-8	Carbazole	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
218-01-9	Chrysene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
122-39-4	* Diphenylamine	ND		ug/kg dry	496	990	10	EPA 8270D Certifications:	11/05/2020 07:27	11/06/2020 00:09	KH
206-44-0	Fluoranthene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
86-73-7	Fluorene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH



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Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
78-59-1	Isophorone	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
91-20-3	Naphthalene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
87-86-5	Pentachlorophenol	1270		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
85-01-8	Phenanthrene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
108-95-2	Phenol	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH
129-00-0	Pyrene	ND		ug/kg dry	248	496	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:09	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	26.8 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	34.0 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	45.2 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	47.2 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.2 %	19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	55.2 %	24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.0129		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
72-55-9	4,4'-DDE	0.0156		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM



Sample Information

Client Sample ID: SS-01

York Sample ID: 20J1329-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	0.232		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
5103-71-9	alpha-Chlordane	0.0418		mg/kg dry	0.00196	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 13:44	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
57-74-9	Chlordane, total	0.361		mg/kg dry	0.0392	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 13:44	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
5566-34-7	gamma-Chlordane	0.0248		mg/kg dry	0.00196	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 13:44	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00981	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0993	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:44	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	49.5 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	37.6 %	30-150

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SS-01

York Sample ID: 20J1329-09

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
11097-69-1	Aroclor 1254	0.0411		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0198	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:01	BJ
1336-36-3	* Total PCBs	0.0411		mg/kg dry	0.0198	1	EPA 8082A Certifications:	11/04/2020 06:56	11/05/2020 13:01	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	39.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	49.0 %	30-140							

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	7310		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-38-2	Arsenic	4.61		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-39-3	Barium	4270		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-43-9	Cadmium	0.776		mg/kg dry	0.360	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-70-2	Calcium	62200		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-47-3	Chromium	25.0		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM



Sample Information

Client Sample ID: SS-01

York Sample ID: 20J1329-09

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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
7440-48-4	Cobalt	4.95		mg/kg dry	0.480	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-50-8	Copper	349		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7439-89-6	Iron	13400		mg/kg dry	30.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7439-92-1	Lead	362		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7439-95-4	Magnesium	4620		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7439-96-5	Manganese	1410		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-02-0	Nickel	10.1		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-09-7	Potassium	874		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-22-4	Silver	3.49		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-23-5	Sodium	93.7		mg/kg dry	60.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-62-2	Vanadium	9.33		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM
7440-66-6	Zinc	2290	B	mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:20	WJM

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	1.53		mg/kg dry	0.0360	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 19:58	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-7

York Sample ID: 20J1329-10

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
71-43-2	Benzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
91-20-3	Naphthalene	ND		ug/kg dry	4.0	16	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
95-47-6	o-Xylene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
108-88-3	Toluene	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/03/2020 22:22	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	4.0	7.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/03/2020 22:22	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	108 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	99.7 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	99.4 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH



Sample Information

Client Sample ID: TP-7

York Sample ID: 20J1329-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
120-12-7	Anthracene	80	J	ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
56-55-3	Benzo(a)anthracene	230		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
50-32-8	Benzo(a)pyrene	200		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
205-99-2	Benzo(b)fluoranthene	170		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
191-24-2	Benzo(g,h,i)perylene	130		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
207-08-9	Benzo(k)fluoranthene	190		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
218-01-9	Chrysene	210		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
53-70-3	Dibenzo(a,h)anthracene	49	J	ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
206-44-0	Fluoranthene	400		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
86-73-7	Fluorene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
193-39-5	Indeno(1,2,3-cd)pyrene	140		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
91-20-3	Naphthalene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
85-01-8	Phenanthrene	260		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
129-00-0	Pyrene	310		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/05/2020 07:27	11/06/2020 00:38	KH
Surrogate Recoveries		Result			Acceptance Range						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	66.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.8 %			21-113						
1718-51-0	Surrogate: SURR: Terphenyl-d14	73.0 %			24-116						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.9		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-8

York Sample ID: 20J1329-11

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
71-43-2	Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
104-51-8	n-Butylbenzene	110		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
99-87-6	p-Isopropyltoluene	64	CCV-E, QL-02	ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
108-88-3	Toluene	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:20	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.2	6.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2020 06:25	11/03/2020 06:20	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.8 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	121 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

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

Client Sample ID: TP-8

York Sample ID: 20J1329-11

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
208-96-8	Acenaphthylene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
120-12-7	Anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
218-01-9	Chrysene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
206-44-0	Fluoranthene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
86-73-7	Fluorene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
91-20-3	Naphthalene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
85-01-8	Phenanthrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
129-00-0	Pyrene	ND		ug/kg dry	52	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:28	11/06/2020 00:00	CD
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	68.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	74.8 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	93.8 %	24-116								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	79.0		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-9

York Sample ID: 20J1329-12

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes: VOA-CONT

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
71-43-2	Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
91-20-3	Naphthalene	ND		ug/kg dry	3.0	12	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
108-88-3	Toluene	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/02/2020 06:25	11/03/2020 06:46	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.0	6.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/02/2020 06:25	11/03/2020 06:46	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	100 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	116 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD



Sample Information

Client Sample ID: TP-9

York Sample ID: 20J1329-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
120-12-7	Anthracene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
56-55-3	Benzo(a)anthracene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
50-32-8	Benzo(a)pyrene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
218-01-9	Chrysene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
206-44-0	Fluoranthene	53	J	ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
86-73-7	Fluorene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
91-20-3	Naphthalene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
85-01-8	Phenanthrene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
129-00-0	Pyrene	ND		ug/kg dry	49	98	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 00:31	CD
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	67.0 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.9 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.4 %	24-116								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.1		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-10

York Sample ID: 20J1329-13

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Volatile Organics, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
71-43-2	Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
91-20-3	Naphthalene	ND		ug/kg dry	3.2	13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
95-47-6	o-Xylene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
108-88-3	Toluene	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	11/03/2020 07:00	11/04/2020 01:06	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	3.2	6.4	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	11/03/2020 07:00	11/04/2020 01:06	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	104 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.2 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %	76-130								

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD



Sample Information

Client Sample ID: TP-10

York Sample ID: 20J1329-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Semi-Volatiles, CP-51 (formerly STARS) List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
208-96-8	Acenaphthylene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
120-12-7	Anthracene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
56-55-3	Benzo(a)anthracene	150		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
50-32-8	Benzo(a)pyrene	180		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
205-99-2	Benzo(b)fluoranthene	200		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
191-24-2	Benzo(g,h,i)perylene	140		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
207-08-9	Benzo(k)fluoranthene	160		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
218-01-9	Chrysene	180		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
206-44-0	Fluoranthene	330		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
86-73-7	Fluorene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
193-39-5	Indeno(1,2,3-cd)pyrene	150		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
91-20-3	Naphthalene	ND		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
85-01-8	Phenanthrene	140		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
129-00-0	Pyrene	270		ug/kg dry	51	100	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 13:25	11/06/2020 01:02	CD
Surrogate Recoveries		Result	Acceptance Range								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	60.8 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	61.5 %	21-113								
1718-51-0	Surrogate: SURR: Terphenyl-d14	66.2 %	24-116								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 08:47	10/30/2020 14:41	SK



Sample Information

Client Sample ID: TP-3 SS

York Sample ID: 20J1329-14

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 10:23	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/04/2020 06:56	11/05/2020 10:23	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/04/2020 06:56	11/05/2020 10:23	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00963	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0974	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 10:23	CM

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 Surrogate: Decachlorobiphenyl	106 %	30-150



Sample Information

Client Sample ID: TP-3 SS

York Sample ID: 20J1329-14

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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	85.6 %			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	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	11/04/2020 06:56	11/05/2020 13:15	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	11/04/2020 06:56	11/05/2020 13:15	BJ

Surrogate Recoveries

Result

Acceptance Range

877-09-8	Surrogate: Tetrachloro-m-xylene	66.0 %	30-140
2051-24-3	Surrogate: Decachlorobiphenyl	75.0 %	30-140

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	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-38-2	Arsenic	4.79		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-39-3	Barium	113		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM



Sample Information

Client Sample ID: TP-3 SS

York Sample ID: 20J1329-14

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-43-9	Cadmium	0.988		mg/kg dry	0.359	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-70-2	Calcium	3920		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-47-3	Chromium	17.1		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-48-4	Cobalt	5.28		mg/kg dry	0.479	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-50-8	Copper	326		mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7439-89-6	Iron	15400		mg/kg dry	29.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7439-92-1	Lead	1070		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7439-95-4	Magnesium	2670		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7439-96-5	Manganese	524		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-02-0	Nickel	14.0		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-09-7	Potassium	794		mg/kg dry	5.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-22-4	Silver	ND		mg/kg dry	0.599	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-23-5	Sodium	ND		mg/kg dry	59.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-62-2	Vanadium	14.3		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM
7440-66-6	Zinc	325	B	mg/kg dry	2.99	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 16:34	11/02/2020 16:22	WJM

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	0.281		mg/kg dry	0.0359	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/29/2020 16:32	10/29/2020 20:07	MAO



Sample Information

Client Sample ID: TP-3 SS

York Sample ID: 20J1329-14

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.5		%	0.100	1	SM 2540G Certifications: CTDOH	10/30/2020 16:56	10/30/2020 21:36	BR

Sample Information

Client Sample ID: TP-1

York Sample ID: 20J1329-15

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
72-55-9	4,4'-DDE	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
50-29-3	4,4'-DDT	0.00623	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
309-00-2	Aldrin	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
319-84-6	alpha-BHC	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
5103-71-9	alpha-Chlordane	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:03	CM
319-85-7	beta-BHC	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
57-74-9	Chlordane, total	ND	HT-04	mg/kg dry	0.0359	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
319-86-8	delta-BHC	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
60-57-1	Dieldrin	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
959-98-8	Endosulfan I	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
33213-65-9	Endosulfan II	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/18/2020 07:13	11/18/2020 16:03	CM
1031-07-8	Endosulfan sulfate	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
72-20-8	Endrin	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM



Sample Information

Client Sample ID: TP-1

York Sample ID: 20J1329-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
53494-70-5	Endrin ketone	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
58-89-9	gamma-BHC (Lindane)	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
5566-34-7	gamma-Chlordane	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:03	CM
76-44-8	Heptachlor	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
1024-57-3	Heptachlor epoxide	ND	HT-04	mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
72-43-5	Methoxychlor	ND	HT-04	mg/kg dry	0.00896	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
8001-35-2	Toxaphene	ND	HT-04	mg/kg dry	0.0907	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:03	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	128 %	HT-04	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	69.0 %	HT-04	30-150						

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	8220		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-38-2	Arsenic	2.19		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-39-3	Barium	98.3		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.329	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-70-2	Calcium	6800	B	mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-47-3	Chromium	8.32		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-48-4	Cobalt	6.59		mg/kg dry	0.439	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-50-8	Copper	19.9		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM



Sample Information

Client Sample ID: TP-1

York Sample ID: 20J1329-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	13400		mg/kg dry	27.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7439-92-1	Lead	84.6		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7439-95-4	Magnesium	2890		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7439-96-5	Manganese	573		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-02-0	Nickel	13.1		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-09-7	Potassium	1190		mg/kg dry	5.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-22-4	Silver	ND		mg/kg dry	0.549	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-23-5	Sodium	55.2		mg/kg dry	54.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-62-2	Vanadium	11.2		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM
7440-66-6	Zinc	75.9		mg/kg dry	2.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:21	WJM

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0362	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/20/2020 16:01	11/20/2020 16:01	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.1		%	0.100	1	SM 2540G Certifications: CTDOH	11/17/2020 15:28	11/18/2020 12:21	SK



Sample Information

Client Sample ID: TP-3

York Sample ID: 20J1329-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
72-55-9	4,4'-DDE	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
50-29-3	4,4'-DDT	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
309-00-2	Aldrin	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
319-84-6	alpha-BHC	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
5103-71-9	alpha-Chlordane	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:20	CM
319-85-7	beta-BHC	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
57-74-9	Chlordane, total	ND	HT-04	mg/kg dry	0.0378	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
319-86-8	delta-BHC	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
60-57-1	Dieldrin	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
959-98-8	Endosulfan I	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
33213-65-9	Endosulfan II	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/18/2020 07:13	11/18/2020 16:20	CM
1031-07-8	Endosulfan sulfate	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
72-20-8	Endrin	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
7421-93-4	Endrin aldehyde	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
53494-70-5	Endrin ketone	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
58-89-9	gamma-BHC (Lindane)	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
5566-34-7	gamma-Chlordane	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:20	CM
76-44-8	Heptachlor	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
1024-57-3	Heptachlor epoxide	ND	HT-04	mg/kg dry	0.00189	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
72-43-5	Methoxychlor	ND	HT-04	mg/kg dry	0.00945	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
8001-35-2	Toxaphene	ND	HT-04	mg/kg dry	0.0956	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:20	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	94.4 %	HT-04	30-150						



Sample Information

Client Sample ID: TP-3

York Sample ID: 20J1329-16

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	77.0 %	HT-04		30-150					

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	17700		mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-38-2	Arsenic	3.57		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-39-3	Barium	62.5		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.347	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-70-2	Calcium	1760	B	mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-47-3	Chromium	13.5		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-48-4	Cobalt	6.48		mg/kg dry	0.463	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-50-8	Copper	30.6		mg/kg dry	2.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7439-89-6	Iron	20300		mg/kg dry	28.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7439-92-1	Lead	148		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7439-95-4	Magnesium	2190		mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7439-96-5	Manganese	698		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-02-0	Nickel	11.5		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-09-7	Potassium	770		mg/kg dry	5.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-22-4	Silver	ND		mg/kg dry	0.578	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-23-5	Sodium	ND		mg/kg dry	57.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM



Sample Information

Client Sample ID: TP-3

York Sample ID: 20J1329-16

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-62-2	Vanadium	22.3		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM
7440-66-6	Zinc	73.5		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:24	WJM

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

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	0.0382	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/20/2020 16:01	11/20/2020 16:01	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	86.5		%	0.100	1	SM 2540G Certifications: CTDOH	11/17/2020 15:28	11/18/2020 12:21	SK

Sample Information

Client Sample ID: TP-11

York Sample ID: 20J1329-17

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
72-55-9	4,4'-DDE	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
50-29-3	4,4'-DDT	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
309-00-2	Aldrin	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM



Sample Information

Client Sample ID: TP-11

York Sample ID: 20J1329-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-84-6	alpha-BHC	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
5103-71-9	alpha-Chlordane	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:36	CM
319-85-7	beta-BHC	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
57-74-9	Chlordane, total	ND	HT-04	mg/kg dry	0.0396	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
319-86-8	delta-BHC	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
60-57-1	Dieldrin	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
959-98-8	Endosulfan I	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
33213-65-9	Endosulfan II	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/18/2020 07:13	11/18/2020 16:36	CM
1031-07-8	Endosulfan sulfate	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
72-20-8	Endrin	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
7421-93-4	Endrin aldehyde	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
53494-70-5	Endrin ketone	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
58-89-9	gamma-BHC (Lindane)	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
5566-34-7	gamma-Chlordane	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:36	CM
76-44-8	Heptachlor	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
1024-57-3	Heptachlor epoxide	ND	HT-04	mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
72-43-5	Methoxychlor	ND	HT-04	mg/kg dry	0.00989	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
8001-35-2	Toxaphene	ND	HT-04	mg/kg dry	0.100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:36	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	133 %	HT-04		30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	102 %	HT-04		30-150					

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
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Sample Information

Client Sample ID: TP-11

York Sample ID: 20J1329-17

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

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	15100		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-38-2	Arsenic	2.26		mg/kg dry	1.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-39-3	Barium	81.9		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.363	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-70-2	Calcium	3550	B	mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-47-3	Chromium	13.6		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-48-4	Cobalt	7.55		mg/kg dry	0.484	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-50-8	Copper	19.4		mg/kg dry	2.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7439-89-6	Iron	19500		mg/kg dry	30.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7439-92-1	Lead	156		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7439-95-4	Magnesium	2930		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7439-96-5	Manganese	645		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-02-0	Nickel	15.1		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-09-7	Potassium	1030		mg/kg dry	6.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-22-4	Silver	ND		mg/kg dry	0.606	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-23-5	Sodium	60.8		mg/kg dry	60.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-62-2	Vanadium	18.8		mg/kg dry	1.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM
7440-66-6	Zinc	70.5		mg/kg dry	3.03	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:32	WJM



Sample Information

Client Sample ID: TP-11

York Sample ID: 20J1329-17

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

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	0.0400	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/20/2020 16:01	11/20/2020 16:01	AA

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.6		%	0.100	1	SM 2540G Certifications: CTDOH	11/17/2020 15:28	11/18/2020 12:21	SK

Sample Information

Client Sample ID: TP-16

York Sample ID: 20J1329-20

<u>York Project (SDG) No.</u> 20J1329	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/29/2020
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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	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
72-55-9	4,4'-DDE	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
50-29-3	4,4'-DDT	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
309-00-2	Aldrin	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
319-84-6	alpha-BHC	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
5103-71-9	alpha-Chlordane	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:53	CM
319-85-7	beta-BHC	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
57-74-9	Chlordane, total	ND	HT-04	mg/kg dry	0.0347	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
319-86-8	delta-BHC	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
60-57-1	Dieldrin	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM



Sample Information

Client Sample ID: TP-16

York Sample ID: 20J1329-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
959-98-8	Endosulfan I	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
33213-65-9	Endosulfan II	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	11/18/2020 07:13	11/18/2020 16:53	CM
1031-07-8	Endosulfan sulfate	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
72-20-8	Endrin	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
7421-93-4	Endrin aldehyde	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
53494-70-5	Endrin ketone	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
58-89-9	gamma-BHC (Lindane)	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
5566-34-7	gamma-Chlordane	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	11/18/2020 07:13	11/18/2020 16:53	CM
76-44-8	Heptachlor	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
1024-57-3	Heptachlor epoxide	ND	HT-04	mg/kg dry	0.00173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
72-43-5	Methoxychlor	ND	HT-04	mg/kg dry	0.00867	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
8001-35-2	Toxaphene	ND	HT-04	mg/kg dry	0.0878	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/18/2020 07:13	11/18/2020 16:53	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	125 %	HT-04	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	99.0 %	HT-04	30-150						

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	8270		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-39-3	Barium	47.0		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.318	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM



Sample Information

Client Sample ID: TP-16

York Sample ID: 20J1329-20

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1329

20-0857

Soil

October 27, 2020 12:00 am

10/29/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	1200	B	mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-47-3	Chromium	7.08		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-48-4	Cobalt	5.89		mg/kg dry	0.425	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-50-8	Copper	19.1		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7439-89-6	Iron	12900		mg/kg dry	26.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7439-92-1	Lead	63.6		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7439-95-4	Magnesium	2310		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7439-96-5	Manganese	362		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-02-0	Nickel	11.4		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-09-7	Potassium	744		mg/kg dry	5.31	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-22-4	Silver	ND		mg/kg dry	0.531	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-23-5	Sodium	ND		mg/kg dry	53.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-62-2	Vanadium	9.76		mg/kg dry	1.06	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM
7440-66-6	Zinc	59.9		mg/kg dry	2.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	11/19/2020 08:56	11/19/2020 16:35	WJM

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7471B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7471B Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	11/20/2020 16:01	11/20/2020 16:01	AA

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-16

York Sample ID: 20J1329-20

York Project (SDG) No.
20J1329

Client Project ID
20-0857

Matrix
Soil

Collection Date/Time
October 27, 2020 12:00 am

Date Received
10/29/2020

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.2		%	0.100	1	SM 2540G Certifications: CTDOH	11/17/2020 15:28	11/18/2020 12:21	SK



Analytical Batch Summary

Batch ID: BJ01733 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	10/29/20
20J1329-02	TP-2	10/29/20
20J1329-03	TP-4	10/29/20
20J1329-04	TP-5	10/29/20
20J1329-05	TP-6	10/29/20
20J1329-06	TP-12	10/29/20
20J1329-07	TP-14	10/29/20
20J1329-08	TP-18	10/29/20
20J1329-09	SS-01	10/29/20
20J1329-14	TP-3 SS	10/29/20
BJ01733-BLK1	Blank	10/29/20
BJ01733-SRM1	Reference	10/29/20

Batch ID: BJ01734 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	10/29/20
20J1329-02	TP-2	10/29/20
20J1329-03	TP-4	10/29/20
20J1329-04	TP-5	10/29/20
20J1329-05	TP-6	10/29/20
20J1329-06	TP-12	10/29/20
20J1329-07	TP-14	10/29/20
20J1329-08	TP-18	10/29/20
20J1329-09	SS-01	10/29/20
20J1329-14	TP-3 SS	10/29/20
BJ01734-BLK1	Blank	10/29/20
BJ01734-SRM1	Reference	10/29/20

Batch ID: BJ01762 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	10/30/20
20J1329-02	TP-2	10/30/20
20J1329-03	TP-4	10/30/20
20J1329-04	TP-5	10/30/20
20J1329-05	TP-6	10/30/20
20J1329-06	TP-12	10/30/20
20J1329-07	TP-14	10/30/20
20J1329-08	TP-18	10/30/20
20J1329-09	SS-01	10/30/20
20J1329-10	TP-7	10/30/20
20J1329-11	TP-8	10/30/20
20J1329-12	TP-9	10/30/20
20J1329-13	TP-10	10/30/20



BJ01762-DUP1 Duplicate 10/30/20

Batch ID: BJ01854 Preparation Method: % Solids Prep Prepared By: BR

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-14	TP-3 SS	10/30/20

Batch ID: BK00151 Preparation Method: EPA 3550C Prepared By: NT

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-04	TP-5	11/04/20
20J1329-04	TP-5	11/04/20
20J1329-05	TP-6	11/04/20
20J1329-05	TP-6	11/04/20
20J1329-06	TP-12	11/04/20
20J1329-06	TP-12	11/04/20
20J1329-07	TP-14	11/04/20
20J1329-07	TP-14	11/04/20
20J1329-08	TP-18	11/04/20
20J1329-08	TP-18	11/04/20
20J1329-09	SS-01	11/04/20
20J1329-09	SS-01	11/04/20
20J1329-14	TP-3 SS	11/04/20
20J1329-14	TP-3 SS	11/04/20
BK00151-BLK1	Blank	11/04/20
BK00151-BLK2	Blank	11/04/20
BK00151-BS1	LCS	11/04/20
BK00151-BS2	LCS	11/04/20
BK00151-MS1	Matrix Spike	11/04/20
BK00151-MS2	Matrix Spike	11/04/20
BK00151-MSD1	Matrix Spike Dup	11/04/20
BK00151-MSD2	Matrix Spike Dup	11/04/20

Batch ID: BK00171 Preparation Method: EPA 3550C Prepared By: JV

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	11/04/20
20J1329-01	TP-1 SS	11/04/20
20J1329-02	TP-2	11/04/20
20J1329-02	TP-2	11/04/20
20J1329-03	TP-4	11/04/20
20J1329-03	TP-4	11/04/20
BK00171-BLK1	Blank	11/04/20
BK00171-BLK2	Blank	11/04/20
BK00171-BS1	LCS	11/04/20
BK00171-BS2	LCS	11/04/20

Batch ID: BK00183 Preparation Method: EPA 3550C Prepared By: MAM



YORK Sample ID	Client Sample ID	Preparation Date
20J1329-12	TP-9	11/04/20
20J1329-13	TP-10	11/04/20
BK00183-BLK1	Blank	11/04/20
BK00183-BS1	LCS	11/04/20

Batch ID: BK00185 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-11	TP-8	11/04/20
BK00185-BLK1	Blank	11/04/20
BK00185-BS1	LCS	11/04/20

Batch ID: BK00206 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	11/03/20
20J1329-02	TP-2	11/03/20
20J1329-03	TP-4	11/03/20
20J1329-04	TP-5	11/03/20
20J1329-05	TP-6	11/03/20
20J1329-06	TP-12	11/03/20
20J1329-07	TP-14	11/03/20
20J1329-08	TP-18	11/03/20
20J1329-09	SS-01	11/03/20
20J1329-10	TP-7	11/03/20
20J1329-13	TP-10	11/03/20
BK00206-BLK1	Blank	11/03/20
BK00206-BLK2	Blank	11/03/20
BK00206-BS1	LCS	11/03/20
BK00206-BSD1	LCS Dup	11/03/20

Batch ID: BK00218 **Preparation Method:** EPA 3550C **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-01	TP-1 SS	11/05/20
20J1329-02	TP-2	11/05/20
20J1329-03	TP-4	11/05/20
20J1329-04	TP-5	11/05/20
20J1329-05	TP-6	11/05/20
20J1329-06	TP-12	11/05/20
20J1329-07	TP-14	11/05/20
20J1329-08	TP-18	11/05/20
20J1329-09	SS-01	11/05/20
20J1329-10	TP-7	11/05/20
BK00218-BLK1	Blank	11/05/20
BK00218-BS1	LCS	11/05/20
BK00218-MS1	Matrix Spike	11/05/20
BK00218-MSD1	Matrix Spike Dup	11/05/20



Batch ID: BK00262 **Preparation Method:** EPA 5035A **Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-11	TP-8	11/02/20
20J1329-12	TP-9	11/02/20
BK00262-BLK1	Blank	11/02/20
BK00262-BS1	LCS	11/02/20

Batch ID: BK00949 **Preparation Method:** % Solids Prep **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-15	TP-1	11/17/20
20J1329-16	TP-3	11/17/20
20J1329-17	TP-11	11/17/20
20J1329-20	TP-16	11/17/20

Batch ID: BK00969 **Preparation Method:** EPA 3550C **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-15	TP-1	11/18/20
20J1329-16	TP-3	11/18/20
20J1329-17	TP-11	11/18/20
20J1329-20	TP-16	11/18/20
BK00969-BLK1	Blank	11/18/20
BK00969-BS1	LCS	11/18/20

Batch ID: BK01042 **Preparation Method:** EPA 3050B **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-15	TP-1	11/19/20
20J1329-16	TP-3	11/19/20
20J1329-17	TP-11	11/19/20
20J1329-20	TP-16	11/19/20
BK01042-BLK1	Blank	11/19/20
BK01042-SRM1	Reference	11/19/20

Batch ID: BK01136 **Preparation Method:** EPA SW846-7471B **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
20J1329-15	TP-1	11/20/20
20J1329-16	TP-3	11/20/20
20J1329-17	TP-11	11/20/20
20J1329-20	TP-16	11/20/20
BK01136-BLK1	Blank	11/20/20
BK01136-SRM1	Reference	11/20/20



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00206 - EPA 5035A

Blank (BK00206-BLK1)

Prepared & Analyzed: 11/03/2020

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	5.0	ug/kg wet								
1,2,4-Trimethylbenzene	ND	0.0050	mg/kg wet								
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	"								
1,3,5-Trimethylbenzene	ND	5.0	ug/kg wet								
1,3-Dichlorobenzene	ND	0.0050	mg/kg wet								
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	"								
Benzene	ND	5.0	ug/kg wet								
Bromochloromethane	ND	0.0050	mg/kg wet								
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	"								
Ethyl Benzene	ND	5.0	ug/kg wet								
Hexachlorobutadiene	ND	0.0050	mg/kg wet								



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result	%REC			Limit			

Batch BK00206 - EPA 5035A

Blank (BK00206-BLK1)

Prepared & Analyzed: 11/03/2020

Isopropylbenzene	ND	0.0050	mg/kg wet									
Isopropylbenzene	ND	5.0	ug/kg wet									
Methyl acetate	ND	0.0050	mg/kg wet									
Methyl tert-butyl ether (MTBE)	ND	0.0050	"									
Methyl tert-butyl ether (MTBE)	ND	5.0	ug/kg wet									
Methylcyclohexane	ND	0.0050	mg/kg wet									
Methylene chloride	ND	0.010	"									
Naphthalene	ND	10	ug/kg wet									
n-Butylbenzene	ND	0.0050	mg/kg wet									
n-Butylbenzene	ND	5.0	ug/kg wet									
n-Propylbenzene	ND	0.0050	mg/kg wet									
n-Propylbenzene	ND	5.0	ug/kg wet									
o-Xylene	ND	0.0050	mg/kg wet									
o-Xylene	ND	5.0	ug/kg wet									
p- & m- Xylenes	ND	0.010	mg/kg wet									
p- & m- Xylenes	ND	5.0	ug/kg wet									
p-Isopropyltoluene	ND	5.0	"									
p-Isopropyltoluene	ND	0.0050	mg/kg wet									
sec-Butylbenzene	ND	5.0	ug/kg wet									
sec-Butylbenzene	ND	0.0050	mg/kg wet									
Styrene	ND	0.0050	"									
tert-Butyl alcohol (TBA)	ND	0.0050	"									
tert-Butylbenzene	ND	0.0050	"									
tert-Butylbenzene	ND	5.0	ug/kg wet									
Tetrachloroethylene	ND	0.0050	mg/kg wet									
Toluene	ND	0.0050	"									
Toluene	ND	5.0	ug/kg wet									
trans-1,2-Dichloroethylene	ND	0.0050	mg/kg wet									
trans-1,3-Dichloropropylene	ND	0.0050	"									
Trichloroethylene	ND	0.0050	"									
Trichlorofluoromethane	ND	0.0050	"									
Vinyl Chloride	ND	0.0050	"									
Xylenes, Total	ND	0.015	"									
Xylenes, Total	ND	5.0	ug/kg wet									
<hr/>												
Surrogate: SURR: 1,2-Dichloroethane-d4	50.4		ug/L	50.0		101	77-125					
Surrogate: SURR: 1,2-Dichloroethane-d4	50.4		"	50.0		101	77-125					
Surrogate: SURR: Toluene-d8	49.7		"	50.0		99.5	85-120					
Surrogate: SURR: Toluene-d8	49.7		"	50.0		99.5	85-120					
Surrogate: SURR: p-Bromofluorobenzene	48.5		"	50.0		97.1	76-130					
Surrogate: SURR: p-Bromofluorobenzene	48.5		"	50.0		97.1	76-130					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit	Units							Level	Result

Batch BK00206 - EPA 5035A

Blank (BK00206-BLK2)

Prepared & Analyzed: 11/03/2020

1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet								
1,3,5-Trimethylbenzene	ND	5.0	"								
Benzene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	5.0	"								

<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	49.4		ug/L	50.0		98.7	77-125				
<i>Surrogate: SURR: Toluene-d8</i>	49.9		"	50.0		99.8	85-120				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	48.5		"	50.0		96.9	76-130				

LCS (BK00206-BS1)

Prepared & Analyzed: 11/03/2020

1,1,1,2-Tetrachloroethane	60		ug/L	50.0		120	75-129				
1,1,1-Trichloroethane	62		"	50.0		123	71-137				
1,1,2,2-Tetrachloroethane	57		"	50.0		114	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	64		"	50.0		129	58-146				
1,1,2-Trichloroethane	57		"	50.0		115	83-123				
1,1-Dichloroethane	55		"	50.0		111	75-130				
1,1-Dichloroethylene	59		"	50.0		119	64-137				
1,2,3-Trichlorobenzene	60		"	50.0		119	81-140				
1,2,3-Trichloropropane	59		"	50.0		118	81-126				
1,2,4-Trichlorobenzene	63		"	50.0		126	80-141				
1,2,4-Trimethylbenzene	62		"	50.0		125	84-125				
1,2,4-Trimethylbenzene	62		"	50.0		125	84-125				
1,2-Dibromo-3-chloropropane	55		"	50.0		109	74-142				
1,2-Dibromoethane	57		"	50.0		114	86-123				
1,2-Dichlorobenzene	59		"	50.0		118	85-122				
1,2-Dichloroethane	55		"	50.0		109	71-133				
1,2-Dichloropropane	52		"	50.0		103	81-122				
1,3,5-Trimethylbenzene	61		"	50.0		122	82-126				
1,3,5-Trimethylbenzene	61		"	50.0		122	82-126				
1,3-Dichlorobenzene	59		"	50.0		119	84-124				
1,4-Dichlorobenzene	60		"	50.0		120	84-124				
1,4-Dioxane	1300		"	1050		126	10-228				
2-Butanone	65		"	50.0		129	58-147				
2-Hexanone	49		"	50.0		98.3	70-139				
4-Methyl-2-pentanone	48		"	50.0		96.8	72-132				
Acetone	37		"	50.0		74.4	36-155				
Acrolein	57		"	50.0		114	10-238				
Acrylonitrile	53		"	50.0		107	66-141				
Benzene	60		"	50.0		120	77-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BK00206 - EPA 5035A										
LCS (BK00206-BS1)										
Prepared & Analyzed: 11/03/2020										
Benzene	60		ug/L	50.0		120	77-127			
Bromochloromethane	50		"	50.0		100	74-129			
Bromodichloromethane	57		"	50.0		114	81-124			
Bromoform	57		"	50.0		115	80-136			
Bromomethane	76		"	50.0		152	32-177			
Carbon disulfide	61		"	50.0		122	10-136			
Carbon tetrachloride	64		"	50.0		128	66-143			
Chlorobenzene	58		"	50.0		116	86-120			
Chloroethane	75		"	50.0		151	51-142	High Bias		
Chloroform	60		"	50.0		121	76-131			
Chloromethane	57		"	50.0		115	49-132			
cis-1,2-Dichloroethylene	57		"	50.0		113	74-132			
cis-1,3-Dichloropropylene	57		"	50.0		114	81-129			
Cyclohexane	56		"	50.0		112	70-130			
Dibromochloromethane	59		"	50.0		119	10-200			
Dibromomethane	54		"	50.0		108	83-124			
Dichlorodifluoromethane	86		"	50.0		171	28-158	High Bias		
Ethyl Benzene	60		"	50.0		120	84-125			
Ethyl Benzene	60		"	50.0		120	84-125			
Hexachlorobutadiene	60		"	50.0		119	83-133			
Isopropylbenzene	59		"	50.0		119	81-127			
Isopropylbenzene	59		"	50.0		119	81-127			
Methyl acetate	50		"	50.0		99.8	41-143			
Methyl tert-butyl ether (MTBE)	58		"	50.0		117	74-131			
Methyl tert-butyl ether (MTBE)	58		"	50.0		117	74-131			
Methylcyclohexane	59		"	50.0		117	70-130			
Methylene chloride	54		"	50.0		107	57-141			
Naphthalene	58		"	50.0		115	86-141			
n-Butylbenzene	62		"	50.0		124	80-130			
n-Butylbenzene	62		"	50.0		124	80-130			
n-Propylbenzene	60		"	50.0		120	74-136			
n-Propylbenzene	60		"	50.0		120	74-136			
o-Xylene	59		"	50.0		118	83-123			
o-Xylene	59		"	50.0		118	83-123			
p- & m- Xylenes	120		"	100		121	82-128			
p- & m- Xylenes	120		"	100		121	82-128			
p-Isopropyltoluene	63		"	50.0		125	85-125			
p-Isopropyltoluene	63		"	50.0		125	85-125			
sec-Butylbenzene	64		"	50.0		128	83-125	High Bias		
sec-Butylbenzene	64		"	50.0		128	83-125	High Bias		
Styrene	61		"	50.0		123	86-126			
tert-Butyl alcohol (TBA)	240		"	250		96.9	70-130			
tert-Butylbenzene	52		"	50.0		105	80-127			
tert-Butylbenzene	52		"	50.0		105	80-127			
Tetrachloroethylene	52		"	50.0		103	80-129			
Toluene	58		"	50.0		116	85-121			
Toluene	58		"	50.0		116	85-121			
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132			
trans-1,3-Dichloropropylene	55		"	50.0		111	78-132			
Trichloroethylene	59		"	50.0		118	84-123			
Trichlorofluoromethane	69		"	50.0		139	62-140			



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00206 - EPA 5035A											
LCS (BK00206-BS1)											
						Prepared & Analyzed: 11/03/2020					
Vinyl Chloride	66		ug/L	50.0		132	52-130	High Bias			
Surrogate: SURRE: 1,2-Dichloroethane-d4	50.2		"	50.0		100	77-125				
Surrogate: SURRE: 1,2-Dichloroethane-d4	50.2		"	50.0		100	77-125				
Surrogate: SURRE: Toluene-d8	50.4		"	50.0		101	85-120				
Surrogate: SURRE: Toluene-d8	50.4		"	50.0		101	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	49.9		"	50.0		99.8	76-130				
Surrogate: SURRE: p-Bromofluorobenzene	49.9		"	50.0		99.8	76-130				
LCS Dup (BK00206-BSD1)											
						Prepared & Analyzed: 11/03/2020					
1,1,1,2-Tetrachloroethane	47		ug/L	50.0		93.1	75-129		24.8	30	
1,1,1-Trichloroethane	49		"	50.0		98.8	71-137		21.9	30	
1,1,2,2-Tetrachloroethane	45		"	50.0		91.0	79-129		22.2	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		105	58-146		20.1	30	
1,1,2-Trichloroethane	46		"	50.0		91.8	83-123		22.1	30	
1,1-Dichloroethane	45		"	50.0		89.2	75-130		21.5	30	
1,1-Dichloroethylene	47		"	50.0		93.9	64-137		23.5	30	
1,2,3-Trichlorobenzene	48		"	50.0		95.1	81-140		22.7	30	
1,2,3-Trichloropropane	46		"	50.0		91.8	81-126		24.7	30	
1,2,4-Trichlorobenzene	49		"	50.0		98.6	80-141		24.6	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.4	84-125		22.6	30	
1,2,4-Trimethylbenzene	50		"	50.0		99.4	84-125		22.6	30	
1,2-Dibromo-3-chloropropane	40		"	50.0		79.2	74-142		31.7	30	Non-dir.
1,2-Dibromoethane	45		"	50.0		91.0	86-123		22.5	30	
1,2-Dichlorobenzene	47		"	50.0		93.8	85-122		22.7	30	
1,2-Dichloroethane	44		"	50.0		88.7	71-133		20.8	30	
1,2-Dichloropropane	42		"	50.0		83.2	81-122		21.3	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.6	82-126		21.2	30	
1,3,5-Trimethylbenzene	49		"	50.0		98.6	82-126		21.2	30	
1,3-Dichlorobenzene	48		"	50.0		95.2	84-124		22.1	30	
1,4-Dichlorobenzene	48		"	50.0		95.9	84-124		22.3	30	
1,4-Dioxane	880		"	1050		83.5	10-228		40.9	30	Non-dir.
2-Butanone	52		"	50.0		104	58-147		21.9	30	
2-Hexanone	37		"	50.0		74.0	70-139		28.2	30	
4-Methyl-2-pentanone	38		"	50.0		75.2	72-132		25.0	30	
Acetone	30		"	50.0		60.4	36-155		20.7	30	
Acrolein	43		"	50.0		85.4	10-238		28.8	30	
Acrylonitrile	42		"	50.0		85.0	66-141		22.8	30	
Benzene	49		"	50.0		98.4	77-127		20.1	30	
Benzene	49		"	50.0		98.4	77-127		20.1	30	
Bromochloromethane	41		"	50.0		82.3	74-129		19.5	30	
Bromodichloromethane	44		"	50.0		88.9	81-124		25.0	30	
Bromoform	42		"	50.0		83.8	80-136		31.4	30	Non-dir.
Bromomethane	64		"	50.0		128	32-177		16.9	30	
Carbon disulfide	48		"	50.0		96.5	10-136		23.7	30	
Carbon tetrachloride	49		"	50.0		97.2	66-143		27.5	30	
Chlorobenzene	46		"	50.0		92.8	86-120		22.5	30	
Chloroethane	63		"	50.0		126	51-142		18.0	30	
Chloroform	49		"	50.0		98.8	76-131		19.8	30	
Chloromethane	47		"	50.0		94.6	49-132		19.1	30	
cis-1,2-Dichloroethylene	46		"	50.0		91.0	74-132		21.8	30	



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BK00206 - EPA 5035A										
LCS Dup (BK00206-BSD1)										
Prepared & Analyzed: 11/03/2020										
cis-1,3-Dichloropropylene	44		ug/L	50.0		87.4	81-129		26.2	30
Cyclohexane	45		"	50.0		90.9	70-130		21.0	30
Dibromochloromethane	45		"	50.0		90.4	10-200		27.3	30
Dibromomethane	42		"	50.0		84.3	83-124		24.4	30
Dichlorodifluoromethane	66		"	50.0		131	28-158		26.6	30
Ethyl Benzene	48		"	50.0		97.0	84-125		20.8	30
Ethyl Benzene	48		"	50.0		97.0	84-125		20.8	30
Hexachlorobutadiene	48		"	50.0		95.7	83-133		22.1	30
Isopropylbenzene	48		"	50.0		95.5	81-127		21.7	30
Isopropylbenzene	48		"	50.0		95.5	81-127		21.7	30
Methyl acetate	39		"	50.0		77.2	41-143		25.5	30
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.9	74-131		21.6	30
Methyl tert-butyl ether (MTBE)	47		"	50.0		93.9	74-131		21.6	30
Methylcyclohexane	46		"	50.0		92.9	70-130		23.2	30
Methylene chloride	44		"	50.0		87.3	57-141		20.3	30
Naphthalene	45		"	50.0		90.3	86-141		24.5	30
n-Butylbenzene	50		"	50.0		99.1	80-130		22.2	30
n-Butylbenzene	50		"	50.0		99.1	80-130		22.2	30
n-Propylbenzene	48		"	50.0		96.5	74-136		22.0	30
n-Propylbenzene	48		"	50.0		96.5	74-136		22.0	30
o-Xylene	47		"	50.0		95.0	83-123		21.8	30
o-Xylene	47		"	50.0		95.0	83-123		21.8	30
p- & m- Xylenes	96		"	100		95.8	82-128		22.9	30
p- & m- Xylenes	96		"	100		95.8	82-128		22.9	30
p-Isopropyltoluene	50		"	50.0		99.5	85-125		22.8	30
p-Isopropyltoluene	50		"	50.0		99.5	85-125		22.8	30
sec-Butylbenzene	51		"	50.0		102	83-125		22.4	30
sec-Butylbenzene	51		"	50.0		102	83-125		22.4	30
Styrene	49		"	50.0		97.6	86-126		23.0	30
tert-Butyl alcohol (TBA)	180		"	250		71.4	70-130		30.3	30
tert-Butylbenzene	43		"	50.0		85.1	80-127		20.7	30
tert-Butylbenzene	43		"	50.0		85.1	80-127		20.7	30
Tetrachloroethylene	41		"	50.0		81.6	80-129		23.5	30
Toluene	47		"	50.0		93.8	85-121		21.1	30
Toluene	47		"	50.0		93.8	85-121		21.1	30
trans-1,2-Dichloroethylene	47		"	50.0		93.7	72-132		21.4	30
trans-1,3-Dichloropropylene	41		"	50.0		82.0	78-132		29.8	30
Trichloroethylene	47		"	50.0		94.1	84-123		22.3	30
Trichlorofluoromethane	54		"	50.0		108	62-140		24.9	30
Vinyl Chloride	54		"	50.0		107	52-130		20.6	30
Surrogate: SURR: 1,2-Dichloroethane-d4	49.3		"	50.0		98.6	77-125			
Surrogate: SURR: 1,2-Dichloroethane-d4	49.3		"	50.0		98.6	77-125			
Surrogate: SURR: Toluene-d8	50.0		"	50.0		100	85-120			
Surrogate: SURR: Toluene-d8	50.0		"	50.0		100	85-120			
Surrogate: SURR: p-Bromofluorobenzene	49.4		"	50.0		98.8	76-130			
Surrogate: SURR: p-Bromofluorobenzene	49.4		"	50.0		98.8	76-130			

Non-dir.



Volatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike	Source*	%REC	%REC	Limits	Flag	RPD	
		Limit	Units							Level	Result

Batch BK00262 - EPA 5035A

Blank (BK00262-BLK1)

Prepared: 11/02/2020 Analyzed: 11/03/2020

1,2,4-Trimethylbenzene	ND	5.0	ug/kg wet								
1,3,5-Trimethylbenzene	ND	5.0	"								
Benzene	ND	5.0	"								
Ethyl Benzene	ND	5.0	"								
Isopropylbenzene	ND	5.0	"								
Methyl tert-butyl ether (MTBE)	ND	5.0	"								
Naphthalene	ND	10	"								
n-Butylbenzene	ND	5.0	"								
n-Propylbenzene	ND	5.0	"								
o-Xylene	ND	5.0	"								
p- & m- Xylenes	ND	5.0	"								
p-Isopropyltoluene	ND	5.0	"								
sec-Butylbenzene	ND	5.0	"								
tert-Butylbenzene	ND	5.0	"								
Toluene	ND	5.0	"								
Xylenes, Total	ND	5.0	"								

<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	47.4		ug/L	50.0	94.7	77-125					
<i>Surrogate: SURR: Toluene-d8</i>	47.0		"	50.0	94.1	85-120					
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	45.7		"	50.0	91.4	76-130					

LCS (BK00262-BS1)

Prepared: 11/02/2020 Analyzed: 11/03/2020

1,2,4-Trimethylbenzene	45		ug/L	50.0	89.2	84-125					
1,3,5-Trimethylbenzene	43		"	50.0	85.6	82-126					
Benzene	49		"	50.0	97.0	77-127					
Ethyl Benzene	47		"	50.0	93.1	84-125					
Isopropylbenzene	40		"	50.0	80.3	81-127	Low Bias				
Methyl tert-butyl ether (MTBE)	56		"	50.0	112	74-131					
Naphthalene	49		"	50.0	98.4	86-141					
n-Butylbenzene	40		"	50.0	80.9	80-130					
n-Propylbenzene	40		"	50.0	80.5	74-136					
o-Xylene	47		"	50.0	95.0	83-123					
p- & m- Xylenes	94		"	100	93.7	82-128					
p-Isopropyltoluene	41		"	50.0	81.7	85-125	Low Bias				
sec-Butylbenzene	43		"	50.0	85.7	83-125					
tert-Butylbenzene	40		"	50.0	79.1	80-127	Low Bias				
Toluene	46		"	50.0	93.0	85-121					

<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	48.2		"	50.0	96.5	77-125					
<i>Surrogate: SURR: Toluene-d8</i>	47.5		"	50.0	94.9	85-120					
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	46.2		"	50.0	92.4	76-130					



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit								Level	

Batch BK00183 - EPA 3550C

Blank (BK00183-BLK1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

Acenaphthene	ND	42	ug/kg wet								
Acenaphthylene	ND	42	"								
Anthracene	ND	42	"								
Benzo(a)anthracene	ND	42	"								
Benzo(a)pyrene	ND	42	"								
Benzo(b)fluoranthene	ND	42	"								
Benzo(g,h,i)perylene	ND	42	"								
Benzo(k)fluoranthene	ND	42	"								
Chrysene	ND	42	"								
Dibenzo(a,h)anthracene	ND	42	"								
Fluoranthene	ND	42	"								
Fluorene	ND	42	"								
Indeno(1,2,3-cd)pyrene	ND	42	"								
Naphthalene	ND	42	"								
Phenanthrene	ND	42	"								
Pyrene	ND	42	"								

<i>Surrogate: SURR: Nitrobenzene-d5</i>	550		"	831		66.4	22-108				
<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	640		"	831		76.6	21-113				
<i>Surrogate: SURR: Terphenyl-d14</i>	750		"	831		89.9	24-116				

LCS (BK00183-BS1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

Acenaphthene	480	42	ug/kg wet	831		57.4	17-124				
Acenaphthylene	470	42	"	831		57.1	16-124				
Anthracene	490	42	"	831		59.5	24-124				
Benzo(a)anthracene	490	42	"	831		59.4	25-134				
Benzo(a)pyrene	480	42	"	831		57.8	29-144				
Benzo(b)fluoranthene	510	42	"	831		61.0	20-151				
Benzo(g,h,i)perylene	630	42	"	831		76.0	10-153				
Benzo(k)fluoranthene	510	42	"	831		61.2	10-148				
Chrysene	500	42	"	831		60.7	24-116				
Dibenzo(a,h)anthracene	500	42	"	831		60.8	17-147				
Fluoranthene	510	42	"	831		61.9	36-125				
Fluorene	500	42	"	831		59.7	16-130				
Indeno(1,2,3-cd)pyrene	600	42	"	831		72.5	10-155				
Naphthalene	490	42	"	831		58.8	20-121				
Phenanthrene	480	42	"	831		58.2	24-123				
Pyrene	480	42	"	831		57.6	24-132				

<i>Surrogate: SURR: Nitrobenzene-d5</i>	450		"	831		53.6	22-108				
<i>Surrogate: SURR: 2-Fluorobiphenyl</i>	530		"	831		63.8	21-113				
<i>Surrogate: SURR: Terphenyl-d14</i>	610		"	831		73.9	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00185 - EPA 3550C

Blank (BK00185-BLK1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

Acenaphthene	ND	42	ug/kg wet								
Acenaphthylene	ND	42	"								
Anthracene	ND	42	"								
Benzo(a)anthracene	ND	42	"								
Benzo(a)pyrene	ND	42	"								
Benzo(b)fluoranthene	ND	42	"								
Benzo(g,h,i)perylene	ND	42	"								
Benzo(k)fluoranthene	ND	42	"								
Chrysene	ND	42	"								
Dibenzo(a,h)anthracene	ND	42	"								
Fluoranthene	ND	42	"								
Fluorene	ND	42	"								
Indeno(1,2,3-cd)pyrene	ND	42	"								
Naphthalene	ND	42	"								
Phenanthrene	ND	42	"								
Pyrene	ND	42	"								

Surrogate: SURR: Nitrobenzene-d5	750		"	831		90.4	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	630		"	831		75.6	21-113				
Surrogate: SURR: Terphenyl-d14	790		"	831		94.7	24-116				

LCS (BK00185-BS1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

Acenaphthene	430	42	ug/kg wet	831		51.7	17-124				
Acenaphthylene	430	42	"	831		52.1	16-124				
Anthracene	470	42	"	831		56.7	24-124				
Benzo(a)anthracene	520	42	"	831		62.8	25-134				
Benzo(a)pyrene	550	42	"	831		65.8	29-144				
Benzo(b)fluoranthene	580	42	"	831		70.0	20-151				
Benzo(g,h,i)perylene	520	42	"	831		62.8	10-153				
Benzo(k)fluoranthene	500	42	"	831		60.5	10-148				
Chrysene	490	42	"	831		58.5	24-116				
Dibenzo(a,h)anthracene	540	42	"	831		65.4	17-147				
Fluoranthene	460	42	"	831		55.8	36-125				
Fluorene	430	42	"	831		52.2	16-130				
Indeno(1,2,3-cd)pyrene	550	42	"	831		66.6	10-155				
Naphthalene	450	42	"	831		54.2	20-121				
Phenanthrene	450	42	"	831		54.4	24-123				
Pyrene	450	42	"	831		54.0	24-132				

Surrogate: SURR: Nitrobenzene-d5	550		"	831		66.3	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	440		"	831		52.8	21-113				
Surrogate: SURR: Terphenyl-d14	580		"	831		70.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00218 - EPA 3550C

Blank (BK00218-BLK1)

Prepared & Analyzed: 11/05/2020

1,1-Biphenyl	ND	41.3	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	82.5	"								
1,2,4-Trichlorobenzene	ND	41.3	"								
1,2-Dichlorobenzene	ND	41.3	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.3	"								
1,3-Dichlorobenzene	ND	41.3	"								
1,4-Dichlorobenzene	ND	41.3	"								
2,3,4,6-Tetrachlorophenol	ND	82.5	"								
2,4,5-Trichlorophenol	ND	41.3	"								
2,4,6-Trichlorophenol	ND	41.3	"								
2,4-Dichlorophenol	ND	41.3	"								
2,4-Dimethylphenol	ND	41.3	"								
2,4-Dinitrophenol	ND	82.5	"								
2,4-Dinitrotoluene	ND	41.3	"								
2,6-Dinitrotoluene	ND	41.3	"								
2-Chloronaphthalene	ND	41.3	"								
2-Chlorophenol	ND	41.3	"								
2-Methylnaphthalene	ND	41.3	"								
2-Methylphenol	ND	41.3	"								
2-Nitroaniline	ND	82.5	"								
2-Nitrophenol	ND	41.3	"								
3- & 4-Methylphenols	ND	41.3	"								
3,3-Dichlorobenzidine	ND	41.3	"								
3-Nitroaniline	ND	82.5	"								
4,6-Dinitro-2-methylphenol	ND	82.5	"								
4-Bromophenyl phenyl ether	ND	41.3	"								
4-Chloro-3-methylphenol	ND	41.3	"								
4-Chloroaniline	ND	41.3	"								
4-Chlorophenyl phenyl ether	ND	41.3	"								
4-Nitroaniline	ND	82.5	"								
4-Nitrophenol	ND	82.5	"								
Acenaphthene	ND	41	"								
Acenaphthene	ND	41.3	"								
Acenaphthylene	ND	41	"								
Acenaphthylene	ND	41.3	"								
Acetophenone	ND	41.3	"								
Aniline	ND	165	"								
Anthracene	ND	41.3	"								
Anthracene	ND	41	"								
Atrazine	ND	41.3	"								
Benzaldehyde	ND	41.3	"								
Benzidine	ND	165	"								
Benzo(a)anthracene	ND	41.3	"								
Benzo(a)anthracene	ND	41	"								
Benzo(a)pyrene	ND	41.3	"								
Benzo(a)pyrene	ND	41	"								
Benzo(b)fluoranthene	ND	41.3	"								
Benzo(b)fluoranthene	ND	41	"								
Benzo(g,h,i)perylene	ND	41.3	"								
Benzo(g,h,i)perylene	ND	41	"								
Benzo(k)fluoranthene	ND	41.3	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00218 - EPA 3550C

Blank (BK00218-BLK1)

Prepared & Analyzed: 11/05/2020

Benzo(k)fluoranthene	ND	41	ug/kg wet								
Benzoic acid	ND	41.3	"								
Benzyl alcohol	ND	41.3	"								
Benzyl butyl phthalate	ND	41.3	"								
Bis(2-chloroethoxy)methane	ND	41.3	"								
Bis(2-chloroethyl)ether	ND	41.3	"								
Bis(2-chloroisopropyl)ether	ND	41.3	"								
Bis(2-ethylhexyl)phthalate	ND	41.3	"								
Caprolactam	ND	82.5	"								
Carbazole	ND	41.3	"								
Chrysene	ND	41.3	"								
Chrysene	ND	41	"								
Dibenzo(a,h)anthracene	ND	41.3	"								
Dibenzo(a,h)anthracene	ND	41	"								
Dibenzofuran	ND	41.3	"								
Diethyl phthalate	ND	41.3	"								
Dimethyl phthalate	ND	41.3	"								
Di-n-butyl phthalate	ND	41.3	"								
Di-n-octyl phthalate	ND	41.3	"								
Diphenylamine	ND	82.5	"								
Fluoranthene	ND	41.3	"								
Fluoranthene	ND	41	"								
Fluorene	ND	41.3	"								
Fluorene	ND	41	"								
Hexachlorobenzene	ND	41.3	"								
Hexachlorobutadiene	ND	41.3	"								
Hexachlorocyclopentadiene	ND	41.3	"								
Hexachloroethane	ND	41.3	"								
Indeno(1,2,3-cd)pyrene	ND	41.3	"								
Indeno(1,2,3-cd)pyrene	ND	41	"								
Isophorone	ND	41.3	"								
Naphthalene	ND	41.3	"								
Naphthalene	ND	41	"								
Nitrobenzene	ND	41.3	"								
N-Nitrosodimethylamine	ND	41.3	"								
N-nitroso-di-n-propylamine	ND	41.3	"								
N-Nitrosodiphenylamine	ND	41.3	"								
Pentachlorophenol	ND	41.3	"								
Phenanthrene	ND	41.3	"								
Phenanthrene	ND	41	"								
Phenol	ND	41.3	"								
Pyrene	ND	41.3	"								
Pyrene	ND	41	"								
Surrogate: SURR: 2-Fluorophenol	846		"	1650		51.3	20-108				
Surrogate: SURR: Phenol-d5	854		"	1650		51.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	502		"	825		60.8	22-108				
Surrogate: SURR: Nitrobenzene-d5	500		"	825		60.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	578		"	825		70.0	21-113				
Surrogate: SURR: 2-Fluorobiphenyl	580		"	825		70.0	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1630		"	1650		98.8	19-110				
Surrogate: SURR: Terphenyl-d14	713		"	825		86.4	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00218 - EPA 3550C											
Blank (BK00218-BLK1)											
Prepared & Analyzed: 11/05/2020											
Surrogate: SURR: Terphenyl-d14	710		ug/kg wet	825		86.4	24-116				
LCS (BK00218-BS1)											
Prepared & Analyzed: 11/05/2020											
1,1-Biphenyl	434	41.3	ug/kg wet	825		52.6	22-103				
1,2,4,5-Tetrachlorobenzene	480	82.5	"	825		58.2	10-144				
1,2,4-Trichlorobenzene	442	41.3	"	825		53.6	23-130				
1,2-Dichlorobenzene	356	41.3	"	825		43.1	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	425	41.3	"	825		51.5	10-140				
1,3-Dichlorobenzene	358	41.3	"	825		43.4	32-113				
1,4-Dichlorobenzene	355	41.3	"	825		43.0	28-111				
2,3,4,6-Tetrachlorophenol	447	82.5	"	825		54.2	30-130				
2,4,5-Trichlorophenol	434	41.3	"	825		52.6	14-138				
2,4,6-Trichlorophenol	431	41.3	"	825		52.2	27-122				
2,4-Dichlorophenol	447	41.3	"	825		54.2	23-133				
2,4-Dimethylphenol	421	41.3	"	825		51.0	15-131				
2,4-Dinitrophenol	646	82.5	"	825		78.2	10-149				
2,4-Dinitrotoluene	589	41.3	"	825		71.4	30-123				
2,6-Dinitrotoluene	571	41.3	"	825		69.2	30-125				
2-Chloronaphthalene	391	41.3	"	825		47.4	22-115				
2-Chlorophenol	350	41.3	"	825		42.4	25-121				
2-Methylnaphthalene	443	41.3	"	825		53.6	16-127				
2-Methylphenol	359	41.3	"	825		43.5	10-146				
2-Nitroaniline	469	82.5	"	825		56.9	24-126				
2-Nitrophenol	524	41.3	"	825		63.6	17-129				
3- & 4-Methylphenols	320	41.3	"	825		38.8	20-109				
3,3-Dichlorobenzidine	445	41.3	"	825		53.9	10-147				
3-Nitroaniline	397	82.5	"	825		48.2	23-123				
4,6-Dinitro-2-methylphenol	815	82.5	"	825		98.7	10-149				
4-Bromophenyl phenyl ether	450	41.3	"	825		54.5	30-138				
4-Chloro-3-methylphenol	417	41.3	"	825		50.5	16-138				
4-Chloroaniline	268	41.3	"	825		32.5	10-117				
4-Chlorophenyl phenyl ether	444	41.3	"	825		53.8	18-132				
4-Nitroaniline	443	82.5	"	825		53.6	14-125				
4-Nitrophenol	376	82.5	"	825		45.6	10-136				
Acenaphthene	378	41.3	"	825		45.8	17-124				
Acenaphthene	380	41	"	825		45.8	17-124				
Acenaphthylene	389	41.3	"	825		47.2	16-124				
Acenaphthylene	390	41	"	825		47.2	16-124				
Acetophenone	373	41.3	"	825		45.2	28-105				
Aniline	265	165	"	825		32.1	10-111				
Anthracene	412	41.3	"	825		49.9	24-124				
Anthracene	410	41	"	825		49.9	24-124				
Atrazine	518	41.3	"	825		62.8	22-120				
Benzaldehyde	361	41.3	"	825		43.8	21-100				
Benzo(a)anthracene	426	41.3	"	825		51.7	25-134				
Benzo(a)anthracene	430	41	"	825		51.7	25-134				
Benzo(a)pyrene	408	41.3	"	825		49.5	29-144				
Benzo(a)pyrene	410	41	"	825		49.5	29-144				
Benzo(b)fluoranthene	434	41.3	"	825		52.6	20-151				
Benzo(b)fluoranthene	430	41	"	825		52.6	20-151				
Benzo(g,h,i)perylene	459	41.3	"	825		55.7	10-153				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	
Batch BK00218 - EPA 3550C											
LCS (BK00218-BS1)											
Prepared & Analyzed: 11/05/2020											
Benzo(g,h,i)perylene	460	41	ug/kg wet	825		55.7		10-153			
Benzo(k)fluoranthene	404	41.3	"	825		49.0		10-148			
Benzo(k)fluoranthene	400	41	"	825		49.0		10-148			
Benzoic acid	385	41.3	"	825		46.7		10-116			
Benzyl alcohol	369	41.3	"	825		44.7		17-128			
Benzyl butyl phthalate	414	41.3	"	825		50.2		10-132			
Bis(2-chloroethoxy)methane	373	41.3	"	825		45.2		10-129			
Bis(2-chloroethyl)ether	324	41.3	"	825		39.3		14-125			
Bis(2-chloroisopropyl)ether	348	41.3	"	825		42.2		14-122			
Bis(2-ethylhexyl)phthalate	428	41.3	"	825		51.9		10-141			
Caprolactam	505	82.5	"	825		61.2		10-123			
Carbazole	424	41.3	"	825		51.4		31-120			
Chrysene	406	41.3	"	825		49.2		24-116			
Chrysene	410	41	"	825		49.2		24-116			
Dibenzo(a,h)anthracene	438	41.3	"	825		53.1		17-147			
Dibenzo(a,h)anthracene	440	41	"	825		53.1		17-147			
Dibenzofuran	403	41.3	"	825		48.8		23-123			
Diethyl phthalate	416	41.3	"	825		50.4		23-122			
Dimethyl phthalate	404	41.3	"	825		49.0		28-127			
Di-n-butyl phthalate	438	41.3	"	825		53.1		19-123			
Di-n-octyl phthalate	475	41.3	"	825		57.6		10-132			
Diphenylamine	644	82.5	"	825		78.1		40-140			
Fluoranthene	434	41.3	"	825		52.6		36-125			
Fluoranthene	430	41	"	825		52.6		36-125			
Fluorene	400	41	"	825		48.1		16-130			
Fluorene	397	41.3	"	825		48.1		16-130			
Hexachlorobenzene	367	41.3	"	825		44.4		10-129			
Hexachlorobutadiene	515	41.3	"	825		62.4		22-153			
Hexachlorocyclopentadiene	222	41.3	"	825		27.0		10-134			
Hexachloroethane	348	41.3	"	825		42.1		20-112			
Indeno(1,2,3-cd)pyrene	480	41	"	825		58.6		10-155			
Indeno(1,2,3-cd)pyrene	483	41.3	"	825		58.6		10-155			
Isophorone	381	41.3	"	825		46.2		14-131			
Naphthalene	400	41	"	825		49.1		20-121			
Naphthalene	405	41.3	"	825		49.1		20-121			
Nitrobenzene	383	41.3	"	825		46.5		20-121			
N-Nitrosodimethylamine	216	41.3	"	825		26.1		10-124			
N-nitroso-di-n-propylamine	327	41.3	"	825		39.6		21-119			
N-Nitrosodiphenylamine	593	41.3	"	825		71.8		10-163			
Pentachlorophenol	444	41.3	"	825		53.8		10-143			
Phenanthrene	410	41	"	825		49.8		24-123			
Phenanthrene	411	41.3	"	825		49.8		24-123			
Phenol	344	41.3	"	825		41.6		15-123			
Pyrene	415	41.3	"	825		50.3		24-132			
Pyrene	420	41	"	825		50.3		24-132			
Surrogate: SURR: 2-Fluorophenol	605		"	1650		36.6		20-108			
Surrogate: SURR: Phenol-d5	615		"	1650		37.3		23-114			
Surrogate: SURR: Nitrobenzene-d5	401		"	825		48.6		22-108			
Surrogate: SURR: Nitrobenzene-d5	400		"	825		48.6		22-108			
Surrogate: SURR: 2-Fluorobiphenyl	398		"	825		48.2		21-113			
Surrogate: SURR: 2-Fluorobiphenyl	400		"	825		48.2		21-113			



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00218 - EPA 3550C

LCS (BK00218-BS1)

Prepared & Analyzed: 11/05/2020

Surrogate: SURR: 2,4,6-Tribromophenol	1210		ug/kg wet	1650		73.2	19-110				
Surrogate: SURR: Terphenyl-d14	498		"	825		60.3	24-116				
Surrogate: SURR: Terphenyl-d14	500		"	825		60.3	24-116				

Matrix Spike (BK00218-MS1)

*Source sample: 20J1329-08 (TP-18)

Prepared & Analyzed: 11/05/2020

1,1-Biphenyl	600	87.1	ug/kg dry	871	ND	68.9	24-112				
1,2,4,5-Tetrachlorobenzene	693	174	"	871	ND	79.6	18-152				
1,2,4-Trichlorobenzene	603	87.1	"	871	ND	69.2	15-139				
1,2-Dichlorobenzene	495	87.1	"	871	ND	56.9	29-106				
1,2-Diphenylhydrazine (as Azobenzene)	582	87.1	"	871	ND	66.9	10-135				
1,3-Dichlorobenzene	477	87.1	"	871	ND	54.8	34-100				
1,4-Dichlorobenzene	472	87.1	"	871	ND	54.2	26-107				
2,3,4,6-Tetrachlorophenol	635	174	"	871	ND	72.9	30-130				
2,4,5-Trichlorophenol	658	87.1	"	871	ND	75.5	10-148				
2,4,6-Trichlorophenol	608	87.1	"	871	ND	69.8	12-138				
2,4-Dichlorophenol	575	87.1	"	871	ND	66.1	16-144				
2,4-Dimethylphenol	542	87.1	"	871	ND	62.2	11-133				
2,4-Dinitrophenol	99.6	174	"	871	ND	11.4	10-132				
2,4-Dinitrotoluene	709	87.1	"	871	ND	81.4	42-113				
2,6-Dinitrotoluene	735	87.1	"	871	ND	84.4	36-124				
2-Chloronaphthalene	557	87.1	"	871	ND	64.0	31-116				
2-Chlorophenol	479	87.1	"	871	ND	55.0	28-114				
2-Methylnaphthalene	601	87.1	"	871	ND	69.0	10-143				
2-Methylphenol	478	87.1	"	871	ND	54.9	10-160				
2-Nitroaniline	698	174	"	871	ND	80.2	33-122				
2-Nitrophenol	639	87.1	"	871	ND	73.4	12-127				
3- & 4-Methylphenols	433	87.1	"	871	ND	49.7	16-115				
3,3-Dichlorobenzidine	533	87.1	"	871	ND	61.2	10-134				
3-Nitroaniline	634	174	"	871	ND	72.8	24-128				
4,6-Dinitro-2-methylphenol	134	174	"	871	ND	15.4	10-149				
4-Bromophenyl phenyl ether	629	87.1	"	871	ND	72.2	32-148				
4-Chloro-3-methylphenol	554	87.1	"	871	ND	63.6	14-138				
4-Chloroaniline	399	87.1	"	871	ND	45.8	10-124				
4-Chlorophenyl phenyl ether	628	87.1	"	871	ND	72.1	10-153				
4-Nitroaniline	630	174	"	871	ND	72.3	10-151				
4-Nitrophenol	504	174	"	871	ND	57.8	10-141				
Acenaphthene	538	87.1	"	871	ND	61.8	13-133				
Acenaphthene	540	87	"	871	ND	61.8	13-133				
Acenaphthylene	570	87	"	871	ND	65.8	25-125				
Acenaphthylene	573	87.1	"	871	ND	65.8	25-125				
Acetophenone	512	87.1	"	871	ND	58.8	25-105				
Aniline	226	349	"	871	ND	26.0	10-112				
Anthracene	589	87.1	"	871	ND	67.7	27-128				
Anthracene	590	87	"	871	ND	67.7	27-128				
Atrazine	686	87.1	"	871	ND	78.8	10-139				
Benzaldehyde	485	87.1	"	871	ND	55.8	24-96				
Benzo(a)anthracene	630	87	"	871	ND	72.6	20-147				
Benzo(a)anthracene	632	87.1	"	871	ND	72.6	20-147				
Benzo(a)pyrene	590	87	"	871	ND	67.8	18-153				
Benzo(a)pyrene	590	87.1	"	871	ND	67.8	18-153				
Benzo(b)fluoranthene	623	87.1	"	871	ND	71.5	10-163				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00218 - EPA 3550C											
Matrix Spike (BK00218-MS1)	*Source sample: 20J1329-08 (TP-18)						Prepared & Analyzed: 11/05/2020				
Benzo(b)fluoranthene	620	87	ug/kg dry	871	ND	71.5	10-163				
Benzo(g,h,i)perylene	660	87	"	871	ND	75.9	10-157				
Benzo(g,h,i)perylene	661	87.1	"	871	ND	75.9	10-157				
Benzo(k)fluoranthene	600	87	"	871	ND	69.4	10-157				
Benzo(k)fluoranthene	605	87.1	"	871	ND	69.4	10-157				
Benzoic acid	516	87.1	"	871	ND	59.3	10-130				
Benzyl alcohol	491	87.1	"	871	ND	56.4	20-122				
Benzyl butyl phthalate	597	87.1	"	871	ND	68.6	10-129				
Bis(2-chloroethoxy)methane	497	87.1	"	871	ND	57.0	12-128				
Bis(2-chloroethyl)ether	467	87.1	"	871	ND	53.7	18-113				
Bis(2-chloroisopropyl)ether	492	87.1	"	871	ND	56.5	10-130				
Bis(2-ethylhexyl)phthalate	605	87.1	"	871	ND	69.5	10-138				
Caprolactam	554	174	"	871	ND	63.7	10-100				
Carbazole	604	87.1	"	871	ND	69.4	24-139				
Chrysene	600	87.1	"	871	ND	69.0	18-133				
Chrysene	600	87	"	871	ND	69.0	18-133				
Dibenzo(a,h)anthracene	632	87.1	"	871	ND	72.6	10-146				
Dibenzo(a,h)anthracene	630	87	"	871	ND	72.6	10-146				
Dibenzofuran	584	87.1	"	871	ND	67.0	26-134				
Diethyl phthalate	577	87.1	"	871	ND	66.3	30-119				
Dimethyl phthalate	574	87.1	"	871	ND	65.9	34-120				
Di-n-butyl phthalate	607	87.1	"	871	ND	69.7	20-128				
Di-n-octyl phthalate	705	87.1	"	871	ND	81.0	10-133				
Diphenylamine	910	174	"	871	ND	104	40-140				
Fluoranthene	638	87.1	"	871	ND	73.3	10-155				
Fluoranthene	640	87	"	871	ND	73.3	10-155				
Fluorene	567	87.1	"	871	ND	65.1	12-150				
Fluorene	570	87	"	871	ND	65.1	12-150				
Hexachlorobenzene	515	87.1	"	871	ND	59.1	16-142				
Hexachlorobutadiene	692	87.1	"	871	ND	79.4	11-150				
Hexachlorocyclopentadiene	ND	87.1	"	871	ND		10-115	Low Bias			
Hexachloroethane	370	87.1	"	871	ND	42.5	14-106				
Indeno(1,2,3-cd)pyrene	750	87	"	871	ND	86.1	10-155				
Indeno(1,2,3-cd)pyrene	749	87.1	"	871	ND	86.1	10-155				
Isophorone	504	87.1	"	871	ND	57.9	14-127				
Naphthalene	550	87	"	871	ND	63.7	15-132				
Naphthalene	554	87.1	"	871	ND	63.7	15-132				
Nitrobenzene	492	87.1	"	871	ND	56.6	18-125				
N-Nitrosodimethylamine	280	87.1	"	871	ND	32.2	10-123				
N-nitroso-di-n-propylamine	440	87.1	"	871	ND	50.5	23-115				
N-Nitrosodiphenylamine	794	87.1	"	871	ND	91.2	16-166				
Pentachlorophenol	623	87.1	"	871	ND	71.5	10-160				
Phenanthrene	600	87.1	"	871	ND	68.9	10-151				
Phenanthrene	600	87	"	871	ND	68.9	10-151				
Phenol	472	87.1	"	871	ND	54.2	11-124				
Pyrene	621	87.1	"	871	ND	71.3	13-148				
Pyrene	620	87	"	871	ND	71.3	13-148				
Surrogate: SURRE: 2-Fluorophenol	849		"	1740		48.8	20-108				
Surrogate: SURRE: Phenol-d5	878		"	1740		50.4	23-114				
Surrogate: SURRE: Nitrobenzene-d5	554		"	871		63.7	22-108				
Surrogate: SURRE: Nitrobenzene-d5	550		"	871		63.7	22-108				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00218 - EPA 3550C											
Matrix Spike (BK00218-MS1)		*Source sample: 20J1329-08 (TP-18)					Prepared & Analyzed: 11/05/2020				
Surrogate: SURR: 2-Fluorobiphenyl	590		ug/kg dry	871		68.2	21-113				
Surrogate: SURR: 2-Fluorobiphenyl	594		"	871		68.2	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1810		"	1740		104	19-110				
Surrogate: SURR: Terphenyl-d14	738		"	871		84.7	24-116				
Surrogate: SURR: Terphenyl-d14	740		"	871		84.7	24-116				
Matrix Spike Dup (BK00218-MSD1)		*Source sample: 20J1329-08 (TP-18)					Prepared & Analyzed: 11/05/2020				
1,1-Biphenyl	581	87.1	ug/kg dry	871	ND	66.7	24-112		3.19	30	
1,2,4,5-Tetrachlorobenzene	675	174	"	871	ND	77.5	18-152		2.65	30	
1,2,4-Trichlorobenzene	607	87.1	"	871	ND	69.8	15-139		0.806	30	
1,2-Dichlorobenzene	490	87.1	"	871	ND	56.3	29-106		0.989	30	
1,2-Diphenylhydrazine (as Azobenzene)	547	87.1	"	871	ND	62.8	10-135		6.29	30	
1,3-Dichlorobenzene	465	87.1	"	871	ND	53.4	34-100		2.66	30	
1,4-Dichlorobenzene	486	87.1	"	871	ND	55.8	26-107		2.91	30	
2,3,4,6-Tetrachlorophenol	599	174	"	871	ND	68.8	30-130		5.76	30	
2,4,5-Trichlorophenol	614	87.1	"	871	ND	70.5	10-148		6.90	30	
2,4,6-Trichlorophenol	573	87.1	"	871	ND	65.8	12-138		5.90	30	
2,4-Dichlorophenol	583	87.1	"	871	ND	67.0	16-144		1.32	30	
2,4-Dimethylphenol	529	87.1	"	871	ND	60.8	11-133		2.34	30	
2,4-Dinitrophenol	ND	174	"	871	ND		10-132	Low Bias		30	
2,4-Dinitrotoluene	681	87.1	"	871	ND	78.2	42-113		4.01	30	
2,6-Dinitrotoluene	692	87.1	"	871	ND	79.5	36-124		5.95	30	
2-Chloronaphthalene	537	87.1	"	871	ND	61.7	31-116		3.69	30	
2-Chlorophenol	483	87.1	"	871	ND	55.4	28-114		0.724	30	
2-Methylnaphthalene	590	87.1	"	871	ND	67.8	10-143		1.87	30	
2-Methylphenol	472	87.1	"	871	ND	54.2	10-160		1.32	30	
2-Nitroaniline	653	174	"	871	ND	75.0	33-122		6.70	30	
2-Nitrophenol	650	87.1	"	871	ND	74.6	12-127		1.62	30	
3- & 4-Methylphenols	412	87.1	"	871	ND	47.4	16-115		4.78	30	
3,3-Dichlorobenzidine	483	87.1	"	871	ND	55.5	10-134		9.73	30	
3-Nitroaniline	586	174	"	871	ND	67.4	24-128		7.76	30	
4,6-Dinitro-2-methylphenol	159	174	"	871	ND	18.2	10-149		16.6	30	
4-Bromophenyl phenyl ether	611	87.1	"	871	ND	70.2	32-148		2.92	30	
4-Chloro-3-methylphenol	534	87.1	"	871	ND	61.3	14-138		3.72	30	
4-Chloroaniline	379	87.1	"	871	ND	43.5	10-124		5.19	30	
4-Chlorophenyl phenyl ether	603	87.1	"	871	ND	69.2	10-153		4.08	30	
4-Nitroaniline	593	174	"	871	ND	68.2	10-151		5.92	30	
4-Nitrophenol	476	174	"	871	ND	54.6	10-141		5.69	30	
Acenaphthene	520	87.1	"	871	ND	59.7	13-133		3.55	30	
Acenaphthene	520	87	"	871	ND	59.7	13-133		3.55	30	
Acenaphthylene	541	87.1	"	871	ND	62.1	25-125		5.88	30	
Acenaphthylene	540	87	"	871	ND	62.1	25-125		5.88	30	
Acetophenone	498	87.1	"	871	ND	57.2	25-105		2.76	30	
Aniline	187	349	"	871	ND	21.5	10-112		18.9	30	
Anthracene	540	87	"	871	ND	62.6	27-128		7.86	30	
Anthracene	545	87.1	"	871	ND	62.6	27-128		7.86	30	
Atrazine	621	87.1	"	871	ND	71.4	10-139		9.91	30	
Benzaldehyde	495	87.1	"	871	ND	56.8	24-96		1.85	30	
Benzo(a)anthracene	575	87.1	"	871	ND	66.1	20-147		9.46	30	
Benzo(a)anthracene	580	87	"	871	ND	66.1	20-147		9.46	30	
Benzo(a)pyrene	548	87.1	"	871	ND	63.0	18-153		7.34	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00218 - EPA 3550C											
Matrix Spike Dup (BK00218-MSD1)	*Source sample: 20J1329-08 (TP-18)						Prepared & Analyzed: 11/05/2020				
Benzo(a)pyrene	550	87	ug/kg dry	871	ND	63.0	18-153		7.34	30	
Benzo(b)fluoranthene	580	87	"	871	ND	66.6	10-163		7.06	30	
Benzo(b)fluoranthene	580	87.1	"	871	ND	66.6	10-163		7.06	30	
Benzo(g,h,i)perylene	590	87	"	871	ND	67.8	10-157		11.4	30	
Benzo(g,h,i)perylene	590	87.1	"	871	ND	67.8	10-157		11.4	30	
Benzo(k)fluoranthene	550	87	"	871	ND	63.1	10-157		9.54	30	
Benzo(k)fluoranthene	550	87.1	"	871	ND	63.1	10-157		9.54	30	
Benzoic acid	536	87.1	"	871	ND	61.5	10-130		3.71	30	
Benzyl alcohol	490	87.1	"	871	ND	56.2	20-122		0.284	30	
Benzyl butyl phthalate	571	87.1	"	871	ND	65.6	10-129		4.41	30	
Bis(2-chloroethoxy)methane	488	87.1	"	871	ND	56.0	12-128		1.84	30	
Bis(2-chloroethyl)ether	469	87.1	"	871	ND	53.9	18-113		0.446	30	
Bis(2-chloroisopropyl)ether	483	87.1	"	871	ND	55.5	10-130		1.71	30	
Bis(2-ethylhexyl)phthalate	578	87.1	"	871	ND	66.4	10-138		4.59	30	
Caprolactam	540	174	"	871	ND	62.0	10-100		2.67	30	
Carbazole	559	87.1	"	871	ND	64.2	24-139		7.66	30	
Chrysene	560	87	"	871	ND	64.4	18-133		6.84	30	
Chrysene	561	87.1	"	871	ND	64.4	18-133		6.84	30	
Dibenzo(a,h)anthracene	580	87	"	871	ND	66.6	10-146		8.63	30	
Dibenzo(a,h)anthracene	580	87.1	"	871	ND	66.6	10-146		8.63	30	
Dibenzofuran	559	87.1	"	871	ND	64.2	26-134		4.39	30	
Diethyl phthalate	547	87.1	"	871	ND	62.8	30-119		5.45	30	
Dimethyl phthalate	545	87.1	"	871	ND	62.6	34-120		5.23	30	
Di-n-butyl phthalate	570	87.1	"	871	ND	65.5	20-128		6.15	30	
Di-n-octyl phthalate	660	87.1	"	871	ND	75.8	10-133		6.64	30	
Diphenylamine	839	174	"	871	ND	96.3	40-140		8.13	30	
Fluoranthene	570	87	"	871	ND	65.8	10-155		10.7	30	
Fluoranthene	573	87.1	"	871	ND	65.8	10-155		10.7	30	
Fluorene	540	87	"	871	ND	61.8	12-150		5.17	30	
Fluorene	538	87.1	"	871	ND	61.8	12-150		5.17	30	
Hexachlorobenzene	479	87.1	"	871	ND	55.0	16-142		7.29	30	
Hexachlorobutadiene	667	87.1	"	871	ND	76.6	11-150		3.69	30	
Hexachlorocyclopentadiene	ND	87.1	"	871	ND		10-115	Low Bias		30	
Hexachloroethane	342	87.1	"	871	ND	39.3	14-106		7.83	30	
Indeno(1,2,3-cd)pyrene	700	87	"	871	ND	79.9	10-155		7.42	30	
Indeno(1,2,3-cd)pyrene	696	87.1	"	871	ND	79.9	10-155		7.42	30	
Isophorone	495	87.1	"	871	ND	56.8	14-127		1.95	30	
Naphthalene	540	87	"	871	ND	62.3	15-132		2.16	30	
Naphthalene	543	87.1	"	871	ND	62.3	15-132		2.16	30	
Nitrobenzene	511	87.1	"	871	ND	58.6	18-125		3.61	30	
N-Nitrosodimethylamine	286	87.1	"	871	ND	32.9	10-123		2.21	30	
N-nitroso-di-n-propylamine	437	87.1	"	871	ND	50.2	23-115		0.636	30	
N-Nitrosodiphenylamine	764	87.1	"	871	ND	87.8	16-166		3.84	30	
Pentachlorophenol	564	87.1	"	871	ND	64.8	10-160		9.86	30	
Phenanthrene	540	87	"	871	ND	62.4	10-151		9.87	30	
Phenanthrene	543	87.1	"	871	ND	62.4	10-151		9.87	30	
Phenol	465	87.1	"	871	ND	53.4	11-124		1.34	30	
Pyrene	590	87	"	871	ND	67.5	13-148		5.42	30	
Pyrene	588	87.1	"	871	ND	67.5	13-148		5.42	30	
Surrogate: SURR: 2-Fluorophenol	837		"	1740		48.1	20-108				
Surrogate: SURR: Phenol-d5	850		"	1740		48.8	23-114				



Semivolatile Organic Compounds by GC/MS - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	Flag	RPD	RPD	Limit	Flag
		Limit		Level	Result	Limits		Limit			

Batch BK00218 - EPA 3550C

Matrix Spike Dup (BK00218-MSD1)

*Source sample: 20J1329-08 (TP-18)

Prepared & Analyzed: 11/05/2020

Surrogate: SURR: Nitrobenzene-d5	560		ug/kg dry	871		64.3		22-108			
Surrogate: SURR: Nitrobenzene-d5	560		"	871		64.3		22-108			
Surrogate: SURR: 2-Fluorobiphenyl	570		"	871		65.4		21-113			
Surrogate: SURR: 2-Fluorobiphenyl	569		"	871		65.4		21-113			
Surrogate: SURR: 2,4,6-Tribromophenol	1670		"	1740		96.2		19-110			
Surrogate: SURR: Terphenyl-d14	710		"	871		81.1		24-116			
Surrogate: SURR: Terphenyl-d14	706		"	871		81.1		24-116			



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BK00151 - EPA 3550C

Blank (BK00151-BLK1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00822	"								
Toxaphene	ND	0.0832	"								

<i>Surrogate: Decachlorobiphenyl</i>	0.0861		"	0.0664	130	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0648		"	0.0664	97.5	30-150					

LCS (BK00151-BS1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

4,4'-DDD	0.0351	0.00164	mg/kg wet	0.0332	106	40-140					
4,4'-DDE	0.0272	0.00164	"	0.0332	81.8	40-140					
4,4'-DDT	0.0282	0.00164	"	0.0332	84.7	40-140					
Aldrin	0.0359	0.00164	"	0.0332	108	40-140					
alpha-BHC	0.0308	0.00164	"	0.0332	92.8	40-140					
alpha-Chlordane	0.0328	0.00164	"	0.0332	98.6	40-140					
beta-BHC	0.0278	0.00164	"	0.0332	83.8	40-140					
delta-BHC	0.0345	0.00164	"	0.0332	104	40-140					
Dieldrin	0.0337	0.00164	"	0.0332	101	40-140					
Endosulfan I	0.0359	0.00164	"	0.0332	108	40-140					
Endosulfan II	0.0352	0.00164	"	0.0332	106	40-140					
Endosulfan sulfate	0.0361	0.00164	"	0.0332	109	40-140					
Endrin	0.0324	0.00164	"	0.0332	97.5	40-140					
Endrin aldehyde	0.0379	0.00164	"	0.0332	114	40-140					
Endrin ketone	0.0334	0.00164	"	0.0332	100	40-140					
gamma-BHC (Lindane)	0.0308	0.00164	"	0.0332	92.7	40-140					
gamma-Chlordane	0.0334	0.00164	"	0.0332	101	40-140					
Heptachlor	0.0338	0.00164	"	0.0332	102	40-140					
Heptachlor epoxide	0.0324	0.00164	"	0.0332	97.5	40-140					
Methoxychlor	0.0332	0.00822	"	0.0332	100	40-140					

<i>Surrogate: Decachlorobiphenyl</i>	0.0955		"	0.0664	144	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0715		"	0.0664	108	30-150					



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BK00151 - EPA 3550C											
Matrix Spike (BK00151-MS1)	*Source sample: 20J1329-08 (TP-18)						Prepared: 11/04/2020 Analyzed: 11/05/2020				
4,4'-DDD	0.0382	0.00172	mg/kg dry	0.0347	ND	110	30-150				
4,4'-DDE	0.0318	0.00172	"	0.0347	ND	91.6	30-150				
4,4'-DDT	0.0322	0.00172	"	0.0347	ND	92.7	30-150				
Aldrin	0.0371	0.00172	"	0.0347	ND	107	30-150				
alpha-BHC	0.0329	0.00172	"	0.0347	ND	94.8	30-150				
alpha-Chlordane	0.0351	0.00172	"	0.0347	ND	101	30-150				
beta-BHC	0.0303	0.00172	"	0.0347	ND	87.2	30-150				
delta-BHC	0.0332	0.00172	"	0.0347	ND	95.7	30-150				
Dieldrin	0.0360	0.00172	"	0.0347	ND	104	30-150				
Endosulfan I	0.0388	0.00172	"	0.0347	ND	112	30-150				
Endosulfan II	0.0361	0.00172	"	0.0347	ND	104	30-150				
Endosulfan sulfate	0.0333	0.00172	"	0.0347	ND	96.1	30-150				
Endrin	0.0347	0.00172	"	0.0347	ND	99.9	30-150				
Endrin aldehyde	0.0328	0.00172	"	0.0347	ND	94.6	30-150				
Endrin ketone	0.0356	0.00172	"	0.0347	ND	103	30-150				
gamma-BHC (Lindane)	0.0330	0.00172	"	0.0347	ND	95.0	30-150				
gamma-Chlordane	0.0350	0.00172	"	0.0347	ND	101	30-150				
Heptachlor	0.0363	0.00172	"	0.0347	ND	105	30-150				
Heptachlor epoxide	0.0344	0.00172	"	0.0347	ND	99.0	30-150				
Methoxychlor	0.0373	0.00859	"	0.0347	ND	107	30-150				
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.102</i>		<i>"</i>	<i>0.0694</i>		<i>147</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0737</i>		<i>"</i>	<i>0.0694</i>		<i>106</i>	<i>30-150</i>				
Matrix Spike Dup (BK00151-MSD1)	*Source sample: 20J1329-08 (TP-18)						Prepared: 11/04/2020 Analyzed: 11/05/2020				
4,4'-DDD	0.0360	0.00172	mg/kg dry	0.0347	ND	104	30-150	5.82	30		
4,4'-DDE	0.0302	0.00172	"	0.0347	ND	87.0	30-150	5.12	30		
4,4'-DDT	0.0299	0.00172	"	0.0347	ND	86.1	30-150	7.40	30		
Aldrin	0.0353	0.00172	"	0.0347	ND	102	30-150	4.95	30		
alpha-BHC	0.0309	0.00172	"	0.0347	ND	89.0	30-150	6.27	30		
alpha-Chlordane	0.0332	0.00172	"	0.0347	ND	95.7	30-150	5.39	30		
beta-BHC	0.0279	0.00172	"	0.0347	ND	80.4	30-150	8.08	30		
delta-BHC	0.0315	0.00172	"	0.0347	ND	90.7	30-150	5.32	30		
Dieldrin	0.0341	0.00172	"	0.0347	ND	98.3	30-150	5.44	30		
Endosulfan I	0.0352	0.00172	"	0.0347	ND	101	30-150	9.71	30		
Endosulfan II	0.0342	0.00172	"	0.0347	ND	98.5	30-150	5.54	30		
Endosulfan sulfate	0.0316	0.00172	"	0.0347	ND	91.0	30-150	5.44	30		
Endrin	0.0328	0.00172	"	0.0347	ND	94.4	30-150	5.59	30		
Endrin aldehyde	0.0313	0.00172	"	0.0347	ND	90.2	30-150	4.75	30		
Endrin ketone	0.0335	0.00172	"	0.0347	ND	96.4	30-150	6.22	30		
gamma-BHC (Lindane)	0.0308	0.00172	"	0.0347	ND	88.8	30-150	6.70	30		
gamma-Chlordane	0.0331	0.00172	"	0.0347	ND	95.4	30-150	5.61	30		
Heptachlor	0.0339	0.00172	"	0.0347	ND	97.7	30-150	6.75	30		
Heptachlor epoxide	0.0326	0.00172	"	0.0347	ND	94.1	30-150	5.14	30		
Methoxychlor	0.0348	0.00859	"	0.0347	ND	100	30-150	6.82	30		
<i>Surrogate: Decachlorobiphenyl</i>	<i>0.0948</i>		<i>"</i>	<i>0.0694</i>		<i>137</i>	<i>30-150</i>				
<i>Surrogate: Tetrachloro-m-xylene</i>	<i>0.0697</i>		<i>"</i>	<i>0.0694</i>		<i>100</i>	<i>30-150</i>				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BK00171 - EPA 3550C

Blank (BK00171-BLK1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00822	"								
Toxaphene	ND	0.0832	"								

<i>Surrogate: Decachlorobiphenyl</i>	0.0625		"	0.0664		94.0	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0464		"	0.0664		69.8	30-150				

LCS (BK00171-BS1)

Prepared: 11/04/2020 Analyzed: 11/05/2020

4,4'-DDD	0.0243	0.00164	mg/kg wet	0.0332		73.2	40-140				
4,4'-DDE	0.0178	0.00164	"	0.0332		53.6	40-140				
4,4'-DDT	0.0194	0.00164	"	0.0332		58.5	40-140				
Aldrin	0.0278	0.00164	"	0.0332		83.8	40-140				
alpha-BHC	0.0219	0.00164	"	0.0332		66.0	40-140				
alpha-Chlordane	0.0237	0.00164	"	0.0332		71.3	40-140				
beta-BHC	0.0195	0.00164	"	0.0332		58.6	40-140				
delta-BHC	0.0238	0.00164	"	0.0332		71.7	40-140				
Dieldrin	0.0243	0.00164	"	0.0332		73.2	40-140				
Endosulfan I	0.0254	0.00164	"	0.0332		76.4	40-140				
Endosulfan II	0.0249	0.00164	"	0.0332		74.9	40-140				
Endosulfan sulfate	0.0256	0.00164	"	0.0332		77.2	40-140				
Endrin	0.0233	0.00164	"	0.0332		70.1	40-140				
Endrin aldehyde	0.0260	0.00164	"	0.0332		78.3	40-140				
Endrin ketone	0.0235	0.00164	"	0.0332		70.7	40-140				
gamma-BHC (Lindane)	0.0221	0.00164	"	0.0332		66.4	40-140				
gamma-Chlordane	0.0241	0.00164	"	0.0332		72.5	40-140				
Heptachlor	0.0241	0.00164	"	0.0332		72.5	40-140				
Heptachlor epoxide	0.0236	0.00164	"	0.0332		71.0	40-140				
Methoxychlor	0.0197	0.00822	"	0.0332		59.4	40-140				

<i>Surrogate: Decachlorobiphenyl</i>	0.0549		"	0.0664		82.6	30-150				
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0451		"	0.0664		67.9	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	Flag
		Limit			Result					Limit	

Batch BK00969 - EPA 3550C

Blank (BK00969-BLK1)

Prepared & Analyzed: 11/18/2020

4,4'-DDD	ND	0.00162	mg/kg wet								
4,4'-DDE	ND	0.00162	"								
4,4'-DDT	ND	0.00162	"								
Aldrin	ND	0.00162	"								
alpha-BHC	ND	0.00162	"								
alpha-Chlordane	ND	0.00162	"								
beta-BHC	ND	0.00162	"								
Chlordane, total	ND	0.0325	"								
delta-BHC	ND	0.00162	"								
Dieldrin	ND	0.00162	"								
Endosulfan I	ND	0.00162	"								
Endosulfan II	ND	0.00162	"								
Endosulfan sulfate	ND	0.00162	"								
Endrin	ND	0.00162	"								
Endrin aldehyde	ND	0.00162	"								
Endrin ketone	ND	0.00162	"								
gamma-BHC (Lindane)	ND	0.00162	"								
gamma-Chlordane	ND	0.00162	"								
Heptachlor	ND	0.00162	"								
Heptachlor epoxide	ND	0.00162	"								
Methoxychlor	ND	0.00811	"								
Toxaphene	ND	0.0821	"								

<i>Surrogate: Decachlorobiphenyl</i>	0.0886		"	0.0656	135	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0673		"	0.0656	103	30-150					

LCS (BK00969-BS1)

Prepared & Analyzed: 11/18/2020

4,4'-DDD	0.0405	0.00162	mg/kg wet	0.0328	123	40-140					
4,4'-DDE	0.0325	0.00162	"	0.0328	99.1	40-140					
4,4'-DDT	0.0341	0.00162	"	0.0328	104	40-140					
Aldrin	0.0395	0.00162	"	0.0328	120	40-140					
alpha-BHC	0.0418	0.00162	"	0.0328	128	40-140					
alpha-Chlordane	0.0401	0.00162	"	0.0328	122	40-140					
beta-BHC	0.0397	0.00162	"	0.0328	121	40-140					
delta-BHC	0.0414	0.00162	"	0.0328	126	40-140					
Dieldrin	0.0403	0.00162	"	0.0328	123	40-140					
Endosulfan I	0.0429	0.00162	"	0.0328	131	40-140					
Endosulfan II	0.0426	0.00162	"	0.0328	130	40-140					
Endosulfan sulfate	0.0424	0.00162	"	0.0328	129	40-140					
Endrin	0.0384	0.00162	"	0.0328	117	40-140					
Endrin aldehyde	0.0379	0.00162	"	0.0328	116	40-140					
Endrin ketone	0.0345	0.00162	"	0.0328	105	40-140					
gamma-BHC (Lindane)	0.0421	0.00162	"	0.0328	129	40-140					
gamma-Chlordane	0.0400	0.00162	"	0.0328	122	40-140					
Heptachlor	0.0417	0.00162	"	0.0328	127	40-140					
Heptachlor epoxide	0.0385	0.00162	"	0.0328	117	40-140					
Methoxychlor	0.0341	0.00811	"	0.0328	104	40-140					

<i>Surrogate: Decachlorobiphenyl</i>	0.102		"	0.0656	155	30-150					
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0766		"	0.0656	117	30-150					



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch Y0I1101 - BI00252

Performance Mix (Y0I1101-PEM1)

Prepared & Analyzed: 09/10/2020

4,4'-DDD	3.52		ng/mL	0.00			0-200				
4,4'-DDE	1.19		"	0.00			0-200				
4,4'-DDT	196		"	200		98.1	0-200				
Endrin	86.1		"	100		86.1	0-200				
Endrin aldehyde	2.77		"	0.00			0-200				
Endrin ketone	2.08		"	0.00			0-200				

Batch Y0K0629 - BJ01316

Performance Mix (Y0K0629-PEM1)

Prepared & Analyzed: 11/05/2020

4,4'-DDD	7.70		ng/mL	0.00			0-200				
4,4'-DDE	1.04		"	0.00			0-200				
4,4'-DDT	139		"	200		69.3	0-200				
Endrin	71.1		"	100		71.1	0-200				
Endrin aldehyde	0.702		"	0.00			0-200				
Endrin ketone	3.30		"	0.00			0-200				

Performance Mix (Y0K0629-PEM2)

Prepared & Analyzed: 11/05/2020

4,4'-DDD	7.49		ng/mL	0.00			0-200				
4,4'-DDE	1.06		"	0.00			0-200				
4,4'-DDT	152		"	200		76.2	0-200				
Endrin	76.2		"	100		76.2	0-200				
Endrin aldehyde	0.587		"	0.00			0-200				
Endrin ketone	3.61		"	0.00			0-200				

Batch Y0K1602 - BK00496

Performance Mix (Y0K1602-PEM1)

Prepared & Analyzed: 11/13/2020

4,4'-DDD	7.41		ng/mL	0.00			0-200				
4,4'-DDE	3.72		"	0.00			0-200				
4,4'-DDT	142		"	200		71.1	0-200				
Endrin	70.8		"	100		70.8	0-200				
Endrin aldehyde	2.11		"	0.00			0-200				
Endrin ketone	3.75		"	0.00			0-200				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit			Result					Limit			

Batch Y0K1903 - BJ01669

Performance Mix (Y0K1903-PEM1)

Prepared & Analyzed: 11/18/2020

4,4'-DDD	10.5		ng/mL	0.00				0-200					
4,4'-DDE	1.27		"	0.00				0-200					
4,4'-DDT	161		"	200		80.7		0-200					
Endrin	84.2		"	100		84.2		0-200					
Endrin aldehyde	0.473		"	0.00				0-200					
Endrin ketone	3.41		"	0.00				0-200					

Performance Mix (Y0K1903-PEM2)

Prepared & Analyzed: 11/18/2020

4,4'-DDD	16.0		ng/mL	0.00				0-200					
4,4'-DDE	1.69		"	0.00				0-200					
4,4'-DDT	144		"	200		72.2		0-200					
Endrin	77.9		"	100		77.9		0-200					
Endrin aldehyde	0.746		"	0.00				0-200					
Endrin ketone	5.63		"	0.00				0-200					



Polychlorinated Biphenyls by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	
		Limit	Units						RPD	Limit
Batch BK00151 - EPA 3550C										
Blank (BK00151-BLK2)										
										Prepared: 11/04/2020 Analyzed: 11/05/2020
Aroclor 1016	ND	0.0166	mg/kg wet							
Aroclor 1221	ND	0.0166	"							
Aroclor 1232	ND	0.0166	"							
Aroclor 1242	ND	0.0166	"							
Aroclor 1248	ND	0.0166	"							
Aroclor 1254	ND	0.0166	"							
Aroclor 1260	ND	0.0166	"							
Aroclor 1262	ND	0.0166	"							
Aroclor 1268	ND	0.0166	"							
Total PCBs	ND	0.0166	"							
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0635		"	0.0664		95.5	30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0591		"	0.0664		89.0	30-140			
LCS (BK00151-BS2)										
										Prepared: 11/04/2020 Analyzed: 11/05/2020
Aroclor 1016	0.281	0.0166	mg/kg wet	0.332		84.6	40-130			
Aroclor 1260	0.267	0.0166	"	0.332		80.3	40-130			
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0522		"	0.0664		78.5	30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0601		"	0.0664		90.5	30-140			
Matrix Spike (BK00151-MS2)										
*Source sample: 20J1329-08 (TP-18)										Prepared: 11/04/2020 Analyzed: 11/05/2020
Aroclor 1016	0.145	0.0173	mg/kg dry	0.347	ND	41.8	40-140			
Aroclor 1260	0.132	0.0173	"	0.347	ND	38.2	40-140	Low Bias		
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0288		"	0.0694		41.5	30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0295		"	0.0694		42.5	30-140			
Matrix Spike Dup (BK00151-MSD2)										
*Source sample: 20J1329-08 (TP-18)										Prepared: 11/04/2020 Analyzed: 11/05/2020
Aroclor 1016	0.155	0.0173	mg/kg dry	0.347	ND	44.6	40-140	6.39	50	
Aroclor 1260	0.151	0.0173	"	0.347	ND	43.6	40-140	13.2	50	
<i>Surrogate: Tetrachloro-m-xylene</i>	0.0302		"	0.0694		43.5	30-140			
<i>Surrogate: Decachlorobiphenyl</i>	0.0344		"	0.0694		49.5	30-140			



Polychlorinated Biphenyls by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK00171 - EPA 3550C

Blank (BK00171-BLK2)

Prepared & Analyzed: 11/04/2020

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0392		"	0.0664		59.0	30-140				
Surrogate: Decachlorobiphenyl	0.0409		"	0.0664		61.5	30-140				

LCS (BK00171-BS2)

Prepared & Analyzed: 11/04/2020

Aroclor 1016	0.197	0.0166	mg/kg wet	0.332		59.4	40-130				
Aroclor 1260	0.171	0.0166	"	0.332		51.4	40-130				
Surrogate: Tetrachloro-m-xylene	0.0475		"	0.0664		71.5	30-140				
Surrogate: Decachlorobiphenyl	0.0472		"	0.0664		71.0	30-140				

Batch Y0K0443 - BK00171

Aroclor Reference (Y0K0443-ARC1)

Prepared & Analyzed: 11/04/2020

Surrogate: Tetrachloro-m-xylene	0.186		ug/mL	0.200		93.0					
Surrogate: Decachlorobiphenyl	0.182		"	0.200		91.0					

Batch Y0K0526 - BK00151

Aroclor Reference (Y0K0526-ARC1)

Prepared & Analyzed: 11/05/2020

Surrogate: Tetrachloro-m-xylene	0.190		ug/mL	0.200		95.0					
Surrogate: Decachlorobiphenyl	0.172		"	0.200		86.0					



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	
		Limit								Level	Result

Batch BJ01734 - EPA 3050B

Blank (BJ01734-BLK1)

Prepared: 10/29/2020 Analyzed: 11/02/2020

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	3.38	2.50	"								

Reference (BJ01734-SRM1)

Prepared: 10/29/2020 Analyzed: 11/02/2020

Aluminum	8630	5.00	mg/kg wet	8460	102	50.5-150.1
Antimony	65.6	2.50	"	120	54.7	19-251.7
Arsenic	98.0	1.50	"	95.5	103	70.1-129.8
Barium	302	2.50	"	300	101	75-125
Beryllium	99.8	0.050	"	103	96.9	75-125.2
Cadmium	140	0.300	"	135	104	74.8-125.2
Calcium	4640	5.00	"	4720	98.4	72.7-127.5
Chromium	141	0.500	"	147	95.9	70.1-129.9
Cobalt	45.1	0.400	"	43.2	104	75-125
Copper	159	2.00	"	150	106	75.3-125.3
Iron	13600	25.0	"	14400	94.6	35.8-164.6
Lead	101	0.500	"	92.3	109	70-130
Magnesium	2260	5.00	"	2300	98.1	61.7-137.8
Manganese	691	0.500	"	677	102	78.1-122
Nickel	68.7	1.00	"	59.8	115	70.1-130.1
Potassium	2060	5.00	"	2030	101	59.1-140.9
Selenium	28.1	2.50	"	42.0	66.9	55.7-144.5
Silver	36.9	0.500	"	40.3	91.6	69.2-130.8
Sodium	129	50.0	"	139	93.1	36.1-163.3
Thallium	79.8	2.50	"	83.1	96.0	65.3-146.8
Vanadium	91.6	1.00	"	96.9	94.5	67-133.1
Zinc	372	2.50	"	369	101	69.9-130.1



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BK01042 - EPA 3050B

Blank (BK01042-BLK1)

Prepared & Analyzed: 11/19/2020

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	11.0	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Reference (BK01042-SRM1)

Prepared & Analyzed: 11/19/2020

Aluminum	8630	5.00	mg/kg wet	8460	102	50.5-150.1
Antimony	60.2	2.50	"	120	50.2	19-251.7
Arsenic	94.3	1.50	"	95.5	98.7	70.1-129.8
Barium	313	2.50	"	300	104	75-125
Beryllium	104	0.050	"	103	100	75-125.2
Cadmium	135	0.300	"	135	100	74.8-125.2
Calcium	4870	5.00	"	4720	103	72.7-127.5
Chromium	142	0.500	"	147	96.4	70.1-129.9
Cobalt	47.3	0.400	"	43.2	110	75-125
Copper	162	2.00	"	150	108	75.3-125.3
Iron	13000	25.0	"	14400	90.0	35.8-164.6
Lead	90.7	0.500	"	92.3	98.3	70-130
Magnesium	2340	5.00	"	2300	102	61.7-137.8
Manganese	706	0.500	"	677	104	78.1-122
Nickel	72.0	1.00	"	59.8	120	70.1-130.1
Potassium	2160	5.00	"	2030	106	59.1-140.9
Selenium	28.3	2.50	"	42.0	67.3	55.7-144.5
Silver	37.3	0.500	"	40.3	92.6	69.2-130.8
Sodium	137	50.0	"	139	98.9	36.1-163.3
Thallium	77.0	2.50	"	83.1	92.6	65.3-146.8
Vanadium	90.9	1.00	"	96.9	93.8	67-133.1
Zinc	379	2.50	"	369	103	69.9-130.1



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ01733 - EPA 7473 soil											
Blank (BJ01733-BLK1)											Prepared & Analyzed: 10/29/2020
Mercury	ND	0.0300	mg/kg wet								
Reference (BJ01733-SRM1)											Prepared & Analyzed: 10/29/2020
Mercury	2.5186		mg/kg	3.71		67.9	65-135				
Batch BK01136 - EPA SW846-7471B											
Blank (BK01136-BLK1)											Prepared & Analyzed: 11/20/2020
Mercury	ND	0.0330	mg/kg wet								
Reference (BK01136-SRM1)											Prepared & Analyzed: 11/20/2020
Mercury	3.49	0.330	mg/kg wet	4.85		71.9	46-107				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
---------	--------	-----------------	-------	-------------	----------------	------	-------------	------	-----	-----------	------

Batch BJ01762 - % Solids Prep

Duplicate (BJ01762-DUP1)	*Source sample: 20J1329-13 (TP-10)						Prepared & Analyzed: 10/30/2020					
% Solids	85.2	0.100	%		82.3				3.50	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20J1329-01	TP-1 SS	40mL Vial with Stir Bar-Cool 4° C
20J1329-02	TP-2	40mL Vial with Stir Bar-Cool 4° C
20J1329-03	TP-4	40mL Vial with Stir Bar-Cool 4° C
20J1329-04	TP-5	40mL Vial with Stir Bar-Cool 4° C
20J1329-05	TP-6	40mL Vial with Stir Bar-Cool 4° C
20J1329-06	TP-12	40mL Vial with Stir Bar-Cool 4° C
20J1329-07	TP-14	40mL Vial with Stir Bar-Cool 4° C
20J1329-08	TP-18	40mL Vial with Stir Bar-Cool 4° C
20J1329-09	SS-01	40mL Vial with Stir Bar-Cool 4° C
20J1329-10	TP-7	40mL Vial with Stir Bar-Cool 4° C
20J1329-11	TP-8	40mL Vial with Stir Bar-Cool 4° C
20J1329-12	TP-9	40mL Vial with Stir Bar-Cool 4° C
20J1329-13	TP-10	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

- VOA-CONT Non-Compliant - the container(s) provided by the client for soil volatiles do not meet the requirements of EPA SW846-5035A. Results reported below 200 ug/kg may be biased low due to samples not being collected according to EPA SW846 5035A requirements.
- S-GC Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
- S-08 The recovery of this surrogate was outside of QC limits.
- 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-05 The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
- QL-02 This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
- M-ICV2 The recovery for this element in the ICV was outside the 90-110% recovery criteria.
- M-CRL The RL check for this element recovered outside of control limits.
- M-BLK The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
- J Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
- HT-04 NON-COMPLIANT- Client requested analysis be conducted outside of holding times.
- CCV-L The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
- CCV-H The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
- CCV-E The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
- B Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

- * Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
- ND NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
- RL REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
- LOQ LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
- LOD LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
- MDL METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
- Reported to This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
- NR Not reported
- RPD Relative Percent Difference



Wet The data has been reported on an as-received (wet weight) basis

Low Bias Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Revision Description: This report has been revised to include additional analyses.



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATFORD, CT 06615
(203) 325-1371
FAX (203) 357-0166

Field Chain-of-Custody Record

York Project No. 20J1329

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: WCD Group	<input checked="" type="checkbox"/> SAME	Address: 24 Davis Avenue	<input checked="" type="checkbox"/> SAME	Name: <u>20-0857</u>	RUSH-Same Day	20-0857		RUSH-Next Day	Summary Report	X	
Address: Poughkeepsie, NY 12603		Company: <u>Brenda</u>		Purchase Order #	RUSH-Two Day	20-0857.02		RUSH-Three Day	QA Report		
Phone: 845-452-1658		Address:			RUSH-Four Day	Samples from CT_NY_NJ_		RUSH-Five Day	CT RCP		
Contact: Erick Salazar		E-mail:			Standard (5-7day)	X			CT RCP DQA/DUE Pkg		
E-mail: esalazar@wcdgroup.com									NY ASP A Package		

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.

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
ERICK SALAZAR
Name (printed)

Volatiles	Semi-Vols. (Pest/PCBs/PAHs)	Metals	Misc. Org.	Full Lists
8260 full TICs 624 Site Spec. STARS list Nassau Co. BTEX MTBE Ketones Oxygenates TCL list TAGM list CT RCP list TCLP list Atom. only 502.2 Halog. only NIDEP list App. IX list SFLP or TCLP 8021B list	8270 or 625 STARS list BN Only Acids Only PAH list TAGM list CT RCP list TCLP list NIDEP list App. IX Chlordane 608 Pest SFLP or TCLP 608 PCB	RCLA8 PP13 list TAL CTI.5 list TAGM list NIDEP list Total Dissolved SFLP or TCLP Air VPH Inch. Break LIST Below Helium	TPH GRO TPH DR.O CT ETPH NY 310-13 TPH 1664 Air TO14A Air TO15 Air STARS SFLP or TCLP Air VPH Air TICs Methane	Phi. Poll. TCL Ogens TAL/Me/PCN Full TCLP Full App. IX Part 360 Ogens Part 360 Metals Part 360 Pesticides Part 360 PCBs Part 360 SVOCs NYCDEP Sewer NYSDEC Sewer TAGM

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
TP-1 SS	10/27/2020	S	VOCs, SVOCs, Pest/PCBs, TAL Metals	1x VOA kit; 1x 4oz jar
TP-2				1x VOA 1x 8oz jar
TP-4				
TP-5				
TP-6				
TP-12				
TP-14				
TP-18				
SS-01				

Preservation (check all applicable)
4°C Frozen HCl MeOH HNO₃ H₂O₄ NaOH

Special Instructions
Field Filtered
Lab to Filter

Comments:
Samples Relinquished By Chic Date/Time 10-29-20 11:00
Samples Received By Chic Date/Time 10-29-20 14:50
Temperature on Receipt 1.9 °C



YORK ANALYTICAL LABORATORIES
120 RESEARCH DR.
STRATTFORD, CT 06615
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YORK
ANALYTICAL LABORATORIES

Field Chain-of-Custody Record

NOTE: York's Std. Terms & Conditions are listed on the back side of this document. This document serves as your written authorization to York to proceed with the analyses requested and your signature binds you to York's Std. Terms & Conditions.

York Project No. 20J1329

YOUR INFORMATION		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: WCD Group	<input checked="" type="checkbox"/> SAME	Name: <input checked="" type="checkbox"/> SAME	20-0857	RUSH-Same Day	Summary Report		X		QA Report		
Address: 24 Davis Avenue		Company:		RUSH-Next Day	Purchase Order #		CT RCP		CT RCP		
Poughkeepsie, NY 12603		Address:		RUSH-Two Day	20-0857.02		CT RCP DQA/DUE Pkg		NY ASP A Package		
Phone: 845-452-1658		E-mail:		RUSH-Three Day	Samples from CT, NY, NJ		NY ASP B Package		NJDEP Reduced Deliv		
Contact: Erick Salazar				RUSH-Four Day	Standard (5-7 day)		Excel		NYSDEC EQUIS		
E-mail: esalazar@wcdgroup.com							NJDEP SRP HazSite		EQUIS		

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.

Matrix Codes
S - soil
Other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Erick Salazar
Name (printed)
ERICK SALAZAR

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
TP-7	10/27/2020	S	CP-51 list VOCs, CP-51 list SVOCs	1x VOA kit; 1x 8oz jar
TP-8				
TP-9				
TP-10				
TP-3 SS				
TP-1			TAL metals, pest/PCBs	1x 8oz jar
TP-3			HOLD	(x 8oz jar
TP-11				
TP-13				

Comments:

4°C Frozen HCl ZnAc HNO₃ H₂SO₄ NaOH
 McOH Ascorbic Acid Other

Special Instructions
 Field Filtered
 Lab to Filter

Samples Relinquished By *[Signature]* Date/Time 10/27/2020 10:59
 Samples Received By *[Signature]* Date/Time 10-19-20 11:00

Samples Relinquished By *[Signature]* Date/Time 10-29-20 1450
 Samples Received in LAB by *[Signature]* Date/Time 1-9-19

Temperature on Receipt 1.9 °C



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YORK
ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

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York Project No. 20J1329

YOUR Information		Report to:		Invoice To:		Your Project ID		Turn-Around Time		Report/Deliverable Type	
Company: WCD Group	<input checked="" type="checkbox"/> SAME	Name: <input checked="" type="checkbox"/> SAME	Company: Poughkeepsie, NY 12603	Company: Poughkeepsie, NY 12603	Company: Poughkeepsie, NY 12603	Company: Poughkeepsie, NY 12603	Company: Poughkeepsie, NY 12603	Company: Poughkeepsie, NY 12603	RUSH-Same Day	Summary Report	X
Address: 24 Davis Avenue		Address: 24 Davis Avenue	Address: 845-452-1658	Address: 845-452-1658	Address: 845-452-1658	Address: 845-452-1658	Address: 845-452-1658	Address: 845-452-1658	RUSH-Next Day	QA Report	
Phone: 845-452-1658		Phone: 845-452-1658	Phone: 845-452-1658	Phone: 845-452-1658	Phone: 845-452-1658	Phone: 845-452-1658	Phone: 845-452-1658	Phone: 845-452-1658	RUSH-Two Day	CT RCP	
Contact: Erick Salazar		Contact: Erick Salazar	Contact: Erick Salazar	Contact: Erick Salazar	Contact: Erick Salazar	Contact: Erick Salazar	Contact: Erick Salazar	Contact: Erick Salazar	RUSH-Three Day	CT RCP DQA/DUE Pkg	
E-mail: esalazar@wcdgroup.com		E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	E-mail: esalazar@wcdgroup.com	RUSH-Four Day	NY ASP A Package	
									Standard (5-7day)	NY ASP B Package	
										NJDEP Reduced Deliv	

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.

Matrix Codes
S - soil
O - other - specify (oil, etc.)
WW - wastewater
GW - groundwater
DW - drinking water
Air-A - ambient air
Air-SV - soil vapor

Samples Collected/Authorized By (Signature)
Erick Salazar
Name (printed)
ERICK SALAZAR

Sample Identification	Date+Time Sampled	Matrix	Analysis Requested (List above includes common analysis)	Container Description
TP-15	10/27/2020	S	HOLD	1x 8oz jar
TP-16				
TP-17				
TP-19				

Comments:

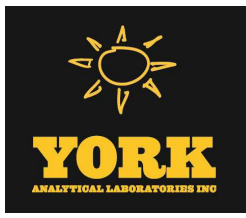
Preservation (check all applicable): 4°C Frozen HCl ZnAc Ascorbic Acid HNO₃ H₂SO₄ NaOH Other

Special Instructions: Field Filtered Lab to Filter

Samples Relinquished By: *Erick Salazar* Date/Time: 10/29/20 11:00
 Samples Received By: *Chic* Date/Time: 10/29/20 11:00

Samples Relinquished By: *Erick Salazar* Date/Time: 10/29/20 14:50
 Samples Received in L.A.B by: *Erick Salazar* Date/Time: 10/29/20 14:50

Temperature on Receipt: 6.7°C



Technical Report

prepared for:

Gallagher Bassett - Poughkeepsie, NY

22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

Report Date: 12/23/2020
Client Project ID: 20-0857
York Project (SDG) No.: 20L0883

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
www.YORKLAB.com

STRATFORD, CT 06615
(203) 325-1371



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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 12/23/2020
Client Project ID: 20-0857
York Project (SDG) No.: 20L0883

Gallagher Bassett - Poughkeepsie, NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Erick Salazar

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 16, 2020 and listed below. The project was identified as your project: **20-0857**.

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

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

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

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


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

<u>York Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Collected</u>	<u>Date Received</u>
20L0883-01	SS-02	Soil	12/15/2020	12/16/2020
20L0883-02	SS-03	Soil	12/15/2020	12/16/2020
20L0883-03	SS-04	Soil	12/15/2020	12/16/2020
20L0883-04	SS-05	Soil	12/15/2020	12/16/2020
20L0883-05	SS-06	Soil	12/15/2020	12/16/2020
20L0883-06	SS-07	Soil	12/15/2020	12/16/2020
20L0883-07	SS-08	Soil	12/15/2020	12/16/2020

General Notes for York Project (SDG) No.: 20L0883

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:



Benjamin Gulizia
Laboratory Director

Date: 12/23/2020





Sample Information

Client Sample ID: SS-02

York Sample ID: 20L0883-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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	3670		mg/kg dry	9.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-36-0	Antimony	ND		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-38-2	Arsenic	ND		mg/kg dry	2.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-39-3	Barium	72.7		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.096	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-43-9	Cadmium	0.664		mg/kg dry	0.577	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-70-2	Calcium	9100		mg/kg dry	9.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-47-3	Chromium	12.4		mg/kg dry	0.962	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-48-4	Cobalt	4.79		mg/kg dry	0.770	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-50-8	Copper	105		mg/kg dry	3.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7439-89-6	Iron	9130		mg/kg dry	48.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7439-92-1	Lead	279		mg/kg dry	0.962	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7439-95-4	Magnesium	1750		mg/kg dry	9.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7439-96-5	Manganese	423		mg/kg dry	0.962	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-02-0	Nickel	9.60		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-09-7	Potassium	719	B	mg/kg dry	9.62	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7782-49-2	Selenium	ND		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-22-4	Silver	ND		mg/kg dry	0.962	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-23-5	Sodium	ND		mg/kg dry	96.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-28-0	Thallium	ND		mg/kg dry	4.81	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM
7440-62-2	Vanadium	8.32		mg/kg dry	1.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:38	WJM



Sample Information

Client Sample ID: SS-02

York Sample ID: 20L0883-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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
7440-66-6	Zinc	6980		mg/kg dry	48.1	10	EPA 6010D	12/18/2020 21:37	12/23/2020 12:00	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.159		mg/kg dry	0.0577	1	EPA 7473	12/21/2020 22:40	12/22/2020 01:35	BML
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	52.0		%	0.100	1	SM 2540G	12/21/2020 12:16	12/21/2020 16:41	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SS-03

York Sample ID: 20L0883-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11000		mg/kg dry	8.64	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	4.32	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	6.18		mg/kg dry	2.59	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	372		mg/kg dry	4.32	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.086	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	6.62		mg/kg dry	0.519	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:41	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SS-03

York Sample ID: 20L0883-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	9990		mg/kg dry	8.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-47-3	Chromium	32.8		mg/kg dry	0.864	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-48-4	Cobalt	12.0		mg/kg dry	0.691	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-50-8	Copper	703		mg/kg dry	3.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7439-89-6	Iron	34200		mg/kg dry	43.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7439-92-1	Lead	4020		mg/kg dry	0.864	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7439-95-4	Magnesium	4390		mg/kg dry	8.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7439-96-5	Manganese	626		mg/kg dry	0.864	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-02-0	Nickel	27.8		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-09-7	Potassium	1180	B	mg/kg dry	8.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7782-49-2	Selenium	ND		mg/kg dry	4.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-22-4	Silver	ND		mg/kg dry	0.864	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-23-5	Sodium	257	B	mg/kg dry	86.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-28-0	Thallium	ND		mg/kg dry	4.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-62-2	Vanadium	28.9		mg/kg dry	1.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM
7440-66-6	Zinc	2320		mg/kg dry	4.32	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:41	WJM

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	0.436		mg/kg dry	0.0519	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 02:22	BML

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SS-03

York Sample ID: 20L0883-02

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	57.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/21/2020 12:16	12/21/2020 16:41	SK

Sample Information

Client Sample ID: SS-04

York Sample ID: 20L0883-03

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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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	7220		mg/kg dry	6.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-38-2	Arsenic	3.40		mg/kg dry	2.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-39-3	Barium	123		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.069	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-43-9	Cadmium	1.95		mg/kg dry	0.417	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-70-2	Calcium	5180		mg/kg dry	6.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-47-3	Chromium	21.9		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-48-4	Cobalt	6.68		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-50-8	Copper	58.4		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7439-89-6	Iron	15300		mg/kg dry	34.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7439-92-1	Lead	224		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7439-95-4	Magnesium	2020		mg/kg dry	6.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7439-96-5	Manganese	429		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM



Sample Information

Client Sample ID: SS-04

York Sample ID: 20L0883-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-02-0	Nickel	16.6		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-09-7	Potassium	820	B	mg/kg dry	6.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-22-4	Silver	ND		mg/kg dry	0.695	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-23-5	Sodium	85.7	B	mg/kg dry	69.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-62-2	Vanadium	14.9		mg/kg dry	1.39	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM
7440-66-6	Zinc	260		mg/kg dry	3.47	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:44	WJM

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	0.158		mg/kg dry	0.0417	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 02:29	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	72.0		%	0.100	1	SM 2540G Certifications: CTDOH	12/23/2020 11:17	12/23/2020 15:02	SK

Sample Information

Client Sample ID: SS-05

York Sample ID: 20L0883-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SS-05

York Sample ID: 20L0883-04

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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Sample 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	7820		mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-38-2	Arsenic	1.96		mg/kg dry	1.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-39-3	Barium	123		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-41-7	Beryllium	0.185		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.352	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-70-2	Calcium	1700		mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-47-3	Chromium	13.8		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-48-4	Cobalt	8.65		mg/kg dry	0.469	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-50-8	Copper	17.5		mg/kg dry	2.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7439-89-6	Iron	16900		mg/kg dry	29.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7439-92-1	Lead	68.6		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7439-95-4	Magnesium	3380		mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7439-96-5	Manganese	605		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-02-0	Nickel	16.8		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-09-7	Potassium	1150	B	mg/kg dry	5.86	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-22-4	Silver	ND		mg/kg dry	0.586	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-23-5	Sodium	ND		mg/kg dry	58.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-62-2	Vanadium	10.3		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM
7440-66-6	Zinc	139		mg/kg dry	2.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:46	WJM



Sample Information

Client Sample ID: SS-05

York Sample ID: 20L0883-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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	0.303		mg/kg dry	0.0352	1	EPA 7473	12/21/2020 22:40	12/22/2020 02:38	BML
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.3		%	0.100	1	SM 2540G	12/23/2020 11:17	12/23/2020 15:02	SK
							Certifications:	CTDOH		

Sample Information

Client Sample ID: SS-06

York Sample ID: 20L0883-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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	5140		mg/kg dry	15.9	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	7.93	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	32.8		mg/kg dry	4.76	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	167		mg/kg dry	7.93	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.159	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.952	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	Calcium	9800		mg/kg dry	15.9	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	76.5		mg/kg dry	1.59	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	7.56		mg/kg dry	1.27	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	34.4		mg/kg dry	6.35	1	EPA 6010D	12/18/2020 21:37	12/22/2020 14:59	WJM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



Sample Information

Client Sample ID: SS-06

York Sample ID: 20L0883-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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	20100		mg/kg dry	79.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7439-92-1	Lead	504		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7439-95-4	Magnesium	1500		mg/kg dry	15.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7439-96-5	Manganese	570		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-02-0	Nickel	20.2		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-09-7	Potassium	1280	B	mg/kg dry	15.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7782-49-2	Selenium	ND		mg/kg dry	7.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-22-4	Silver	ND		mg/kg dry	1.59	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-23-5	Sodium	272	B	mg/kg dry	159	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-28-0	Thallium	ND		mg/kg dry	7.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-62-2	Vanadium	53.8		mg/kg dry	3.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM
7440-66-6	Zinc	637		mg/kg dry	7.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 14:59	WJM

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	3.74		mg/kg dry	0.0952	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 02:47	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	31.5		%	0.100	1	SM 2540G Certifications: CTDOH	12/23/2020 11:17	12/23/2020 15:02	SK



Sample Information

Client Sample ID: SS-07

York Sample ID: 20L0883-06

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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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	14800		mg/kg dry	7.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-38-2	Arsenic	6.64		mg/kg dry	2.12	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-39-3	Barium	102		mg/kg dry	3.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.071	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.423	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-70-2	Calcium	828		mg/kg dry	7.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-47-3	Chromium	51.4		mg/kg dry	0.705	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-48-4	Cobalt	7.76		mg/kg dry	0.564	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-50-8	Copper	25.1		mg/kg dry	2.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7439-89-6	Iron	19200		mg/kg dry	35.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7439-92-1	Lead	225		mg/kg dry	0.705	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7439-95-4	Magnesium	2100		mg/kg dry	7.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7439-96-5	Manganese	723		mg/kg dry	0.705	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-02-0	Nickel	14.2		mg/kg dry	1.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-09-7	Potassium	953	B	mg/kg dry	7.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-22-4	Silver	0.799		mg/kg dry	0.705	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-23-5	Sodium	ND		mg/kg dry	70.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-62-2	Vanadium	18.4		mg/kg dry	1.41	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM
7440-66-6	Zinc	213		mg/kg dry	3.53	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:02	WJM



Sample Information

Client Sample ID: SS-07

York Sample ID: 20L0883-06

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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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	0.152		mg/kg dry	0.0423	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 02:56	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	70.9		%	0.100	1	SM 2540G Certifications: CTDOH	12/23/2020 11:17	12/23/2020 15:02	SK

Sample Information

Client Sample ID: SS-08

York Sample ID: 20L0883-07

<u>York Project (SDG) No.</u> 20L0883	<u>Client Project ID</u> 20-0857	<u>Matrix</u> Soil	<u>Collection Date/Time</u> December 15, 2020 12:00 am	<u>Date Received</u> 12/16/2020
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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	17000		mg/kg dry	6.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-38-2	Arsenic	6.26		mg/kg dry	1.94	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-39-3	Barium	75.9		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.388	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-70-2	Calcium	819		mg/kg dry	6.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-47-3	Chromium	13.1		mg/kg dry	0.646	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-48-4	Cobalt	7.99		mg/kg dry	0.517	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM



Sample Information

Client Sample ID: SS-08

York Sample ID: 20L0883-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0883

20-0857

Soil

December 15, 2020 12:00 am

12/16/2020

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	16.6		mg/kg dry	2.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7439-89-6	Iron	19700		mg/kg dry	32.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7439-92-1	Lead	33.4		mg/kg dry	0.646	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7439-95-4	Magnesium	2540		mg/kg dry	6.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7439-96-5	Manganese	724		mg/kg dry	0.646	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-02-0	Nickel	11.1		mg/kg dry	1.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-09-7	Potassium	1070	B	mg/kg dry	6.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-22-4	Silver	1.06		mg/kg dry	0.646	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-23-5	Sodium	66.7	B	mg/kg dry	64.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-62-2	Vanadium	21.7		mg/kg dry	1.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM
7440-66-6	Zinc	97.2		mg/kg dry	3.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 21:37	12/22/2020 15:05	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.131		mg/kg dry	0.0388	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/21/2020 22:40	12/22/2020 03:04	BML

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.4		%	0.100	1	SM 2540G Certifications: CTDOH	12/23/2020 11:17	12/23/2020 15:02	SK



Analytical Batch Summary

Batch ID: BL01143 **Preparation Method:** EPA 3050B **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
20L0883-01	SS-02	12/18/20
20L0883-01RE1	SS-02	12/18/20
20L0883-02	SS-03	12/18/20
20L0883-03	SS-04	12/18/20
20L0883-04	SS-05	12/18/20
20L0883-05	SS-06	12/18/20
20L0883-06	SS-07	12/18/20
20L0883-07	SS-08	12/18/20
BL01143-BLK1	Blank	12/18/20
BL01143-SRM1	Reference	12/18/20

Batch ID: BL01223 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20L0883-01	SS-02	12/21/20
20L0883-02	SS-03	12/21/20

Batch ID: BL01255 **Preparation Method:** EPA 7473 soil **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
20L0883-01	SS-02	12/21/20
20L0883-02	SS-03	12/21/20
20L0883-03	SS-04	12/21/20
20L0883-04	SS-05	12/21/20
20L0883-05	SS-06	12/21/20
20L0883-06	SS-07	12/21/20
20L0883-07	SS-08	12/21/20
BL01255-BLK1	Blank	12/21/20
BL01255-DUP1	Duplicate	12/21/20
BL01255-MS1	Matrix Spike	12/21/20
BL01255-SRM1	Reference	12/21/20

Batch ID: BL01363 **Preparation Method:** % Solids Prep **Prepared By:** SK

YORK Sample ID	Client Sample ID	Preparation Date
20L0883-03	SS-04	12/23/20
20L0883-04	SS-05	12/23/20
20L0883-05	SS-06	12/23/20
20L0883-06	SS-07	12/23/20
20L0883-07	SS-08	12/23/20



Metals by ICP - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01143 - EPA 3050B

Blank (BL01143-BLK1)

Prepared: 12/18/2020 Analyzed: 12/22/2020

Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	7.06	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	51.1	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Reference (BL01143-SRM1)

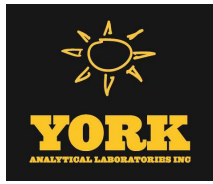
Prepared: 12/18/2020 Analyzed: 12/22/2020

Aluminum	8700	5.00	mg/kg wet	8460	103	50.5-150.1
Antimony	66.3	2.50	"	120	55.2	19-251.7
Arsenic	107	1.50	"	95.5	112	70.1-129.8
Barium	337	2.50	"	300	112	75-125
Beryllium	110	0.050	"	103	107	75-125.2
Cadmium	153	0.300	"	135	114	74.8-125.2
Calcium	5000	5.00	"	4720	106	72.7-127.5
Chromium	151	0.500	"	147	103	70.1-129.9
Cobalt	49.2	0.400	"	43.2	114	75-125
Copper	174	2.00	"	150	116	75.3-125.3
Iron	14900	25.0	"	14400	104	35.8-164.6
Lead	97.4	0.500	"	92.3	106	70-130
Magnesium	2400	5.00	"	2300	104	61.7-137.8
Manganese	724	0.500	"	677	107	78.1-122
Nickel	73.3	1.00	"	59.8	123	70.1-130.1
Potassium	2130	5.00	"	2030	105	59.1-140.9
Selenium	29.7	2.50	"	42.0	70.8	55.7-144.5
Silver	39.6	0.500	"	40.3	98.4	69.2-130.8
Sodium	163	50.0	"	139	117	36.1-163.3
Thallium	88.8	2.50	"	83.1	107	65.3-146.8
Vanadium	99.4	1.00	"	96.9	103	67-133.1
Zinc	400	2.50	"	369	108	69.9-130.1



Mercury by EPA 7000/200 Series Methods - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result	Limits	Limit				
Batch BL01255 - EPA 7473 soil											
Blank (BL01255-BLK1)											
Mercury	ND	0.0300	mg/kg wet								Prepared: 12/21/2020 Analyzed: 12/22/2020
Duplicate (BL01255-DUP1)											
*Source sample: 20L0883-01 (SS-02)											
Mercury	0.208	0.0577	mg/kg dry		0.159				26.8	35	Prepared: 12/21/2020 Analyzed: 12/22/2020
Matrix Spike (BL01255-MS1)											
*Source sample: 20L0883-01 (SS-02)											
Mercury	0.594		mg/kg	0.500	0.0826	102	75-125				Prepared: 12/21/2020 Analyzed: 12/22/2020
Reference (BL01255-SRM1)											
Mercury	3.4405		mg/kg	3.71		92.7	65-135				Prepared: 12/21/2020 Analyzed: 12/22/2020





Sample and Data Qualifiers Relating to This Work Order

M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

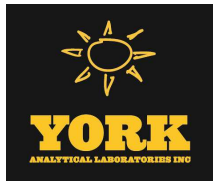
*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration 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.



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 Stratford, CT 06615
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 www.yorklab.com



Field Chain-of-Custody Record

YORK Project No.
 20L0883

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.

Page 1 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: GRTS	Company: Same	Company: Same	Company: Same	Summary Report	CT RCP	Standard Excel EDD	RUSH - Next Day	RUSH - Next Day	
Address: 22 13M Road, Suite 101	Address: Same	Address: Same	Address: Same	QA Report	CT RCP DQA/DUE	EQULS (Standard)	RUSH - Two Day	RUSH - Two Day	
Phone: (45) 452 1658	Phone: Same	Phone: Same	Phone: Same	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS	RUSH - Three Day	RUSH - Three Day	
Contact: ERICK SALAZAR	Contact: Same	Contact: Same	Contact: Same	NY ASP B Package	NJDKQP	Other:	RUSH - Four Day	RUSH - Four Day	
E-mail: ERICK_SALAZAR@yorklab.com	E-mail: Same	E-mail: Same	E-mail: Same				Standard (5-7 Day)	Standard (5-7 Day)	X

Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
S - soil / solid	New York	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)		
GW - groundwater	New Jersey	QA Report	CT RCP DQA/DUE	EQULS (Standard)	NY Part 375		
DW - drinking water	Connecticut	NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS	UU & RRU		
WW - wastewater	Pennsylvania	NY ASP B Package	NJDKQP	Other:	SCOs		
O - Oil ; Other	Other						

Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
S	12/15/2020	TAL Metals	1 x 4oz jar
SS-02			
SS-03			
SS-04			
SS-05			
SS-06			
SS-07			
SS-08			

Comments:		Preservation: (check all that apply)	
Samples Relinquished by / Company	Date/Time	HCl	MeOH
Samples Relinquished by / Company	Date/Time	HNO3	H2SO4
Samples Relinquished by / Company	Date/Time	NaOH	ZnAc
Samples Relinquished by / Company	Date/Time	Ascorbic Acid	Other:
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	
Samples Relinquished by / Company	Date/Time	Samples Relinquished in LAB by	
Samples Relinquished by / Company	Date/Time	Temp. Received at Lab	



ANALYTICAL REPORT

Lab Number:	L2056373
Client:	Gallagher Bassett Technical Services 22 IBM Road Suite 101 Poughkeepsie, NY 12603
ATTN:	Erick Salazar
Phone:	(845) 867-4714
Project Name:	MONTICELLO MANOR
Project Number:	20-0857
Report Date:	12/23/20

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

320 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.alphalab.com



Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2056373-01	SV-01	SOIL_VAPOR	15 HIGH ST., MONTICELLO NY	12/15/20 14:00	12/16/20
L2056373-02	SV-02	SOIL_VAPOR	15 HIGH ST., MONTICELLO NY	12/15/20 13:50	12/16/20
L2056373-03	SV-03	SOIL_VAPOR	15 HIGH ST., MONTICELLO NY	12/15/20 13:40	12/16/20
L2056373-04	SV-04	SOIL_VAPOR	15 HIGH ST., MONTICELLO NY	12/15/20 13:30	12/16/20
L2056373-05	SV-05	SOIL_VAPOR	15 HIGH ST., MONTICELLO NY	12/15/20 12:30	12/16/20

Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Alpha Project Manager and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 14, 2020. The canister certification results are provided as an addendum.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 12/23/20

AIR

Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2056373-01
 Client ID: SV-01
 Sample Location: 15 HIGH ST., MONTICELLO NY

Date Collected: 12/15/20 14:00
 Date Received: 12/16/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/23/20 01:44
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.401	0.200	--	1.98	0.989	--		1
Chloromethane	0.304	0.200	--	0.628	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	11.0	0.200	--	24.3	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	81.0	5.00	--	153	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.70	1.00	--	6.41	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	4.62	0.500	--	11.4	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-01

Date Collected: 12/15/20 14:00

Client ID: SV-01

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.55	0.200	--	12.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.11	0.200	--	6.74	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.825	0.200	--	2.84	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.05	0.200	--	4.90	0.934	--		1
Heptane	1.24	0.200	--	5.08	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.44	0.200	--	5.43	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-01

Date Collected: 12/15/20 14:00

Client ID: SV-01

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.508	0.400	--	2.21	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.256	0.200	--	1.11	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.256	0.200	--	1.26	0.983	--		1
1,2,4-Trimethylbenzene	0.917	0.200	--	4.51	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-02
 Client ID: SV-02
 Sample Location: 15 HIGH ST., MONTICELLO NY

Date Collected: 12/15/20 13:50
 Date Received: 12/16/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/23/20 02:23
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.386	0.200	--	1.91	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	98.0	5.00	--	185	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	19.1	1.00	--	45.4	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	6.77	0.500	--	16.6	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.64	0.500	--	4.84	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-02

Date Collected: 12/15/20 13:50

Client ID: SV-02

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.91	0.200	--	6.73	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.07	0.200	--	3.42	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.573	0.200	--	1.97	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.06	0.200	--	4.95	0.934	--		1
Heptane	0.938	0.200	--	3.84	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.958	0.500	--	3.93	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.02	0.200	--	7.61	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.206	0.200	--	0.895	0.869	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-02

Date Collected: 12/15/20 13:50

Client ID: SV-02

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.597	0.400	--	2.59	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.237	0.200	--	1.03	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2056373-03
 Client ID: SV-03
 Sample Location: 15 HIGH ST., MONTICELLO NY

Date Collected: 12/15/20 13:40
 Date Received: 12/16/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/23/20 03:02
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.384	0.200	--	1.90	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	122	5.00	--	230	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	28.3	1.00	--	67.2	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	8.86	0.500	--	21.8	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.696	0.500	--	2.11	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.478	0.200	--	1.49	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.48	0.500	--	7.31	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-03

Date Collected: 12/15/20 13:40

Client ID: SV-03

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	6.68	0.200	--	23.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.01	0.200	--	3.23	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.724	0.200	--	2.49	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.53	0.200	--	7.15	0.934	--		1
Heptane	1.88	0.200	--	7.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	2.57	0.500	--	10.5	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	1.53	0.200	--	5.77	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-03

Date Collected: 12/15/20 13:40

Client ID: SV-03

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.424	0.400	--	1.84	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140



Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2056373-04
 Client ID: SV-04
 Sample Location: 15 HIGH ST., MONTICELLO NY

Date Collected: 12/15/20 13:30
 Date Received: 12/16/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/23/20 03:41
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.387	0.200	--	1.91	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	82.6	5.00	--	156	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	49.0	1.00	--	116	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	7.49	0.500	--	18.4	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.545	0.500	--	1.65	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	6.73	0.500	--	19.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-04

Date Collected: 12/15/20 13:30

Client ID: SV-04

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	0.827	0.500	--	2.98	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.97	0.200	--	10.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.11	0.200	--	3.55	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.925	0.200	--	3.18	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.83	0.200	--	8.55	0.934	--		1
Heptane	1.31	0.200	--	5.37	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	10.8	0.500	--	44.3	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.16	0.200	--	8.14	0.754	--		1
2-Hexanone	0.749	0.200	--	3.07	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.216	0.200	--	0.938	0.869	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-04

Date Collected: 12/15/20 13:30

Client ID: SV-04

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.556	0.400	--	2.42	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-05
 Client ID: SV-05
 Sample Location: 15 HIGH ST., MONTICELLO NY

Date Collected: 12/15/20 12:30
 Date Received: 12/16/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 48,TO-15
 Analytical Date: 12/23/20 04:21
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.378	0.200	--	1.87	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	252	5.00	--	475	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	18.9	1.00	--	44.9	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	64.6	0.500	--	159	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.26	0.500	--	3.72	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-05

Date Collected: 12/15/20 12:30

Client ID: SV-05

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.51	0.200	--	12.4	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.76	0.200	--	5.62	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.904	0.200	--	3.11	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	1.76	0.200	--	8.22	0.934	--		1
Heptane	1.89	0.200	--	7.75	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.71	0.200	--	10.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.214	0.200	--	0.930	0.869	--		1



Project Name: MONTICELLO MANOR**Lab Number:** L2056373**Project Number:** 20-0857**Report Date:** 12/23/20**SAMPLE RESULTS**

Lab ID: L2056373-05

Date Collected: 12/15/20 12:30

Client ID: SV-05

Date Received: 12/16/20

Sample Location: 15 HIGH ST., MONTICELLO NY

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	0.553	0.400	--	2.40	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	93		60-140



Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/22/20 14:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1448299-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1



Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/22/20 14:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1448299-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1



Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Method Blank Analysis Batch Quality Control

Analytical Method: 48,TO-15

Analytical Date: 12/22/20 14:53

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab for sample(s): 01-05 Batch: WG1448299-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1448299-3								
Dichlorodifluoromethane	95		-		70-130	-		
Chloromethane	99		-		70-130	-		
Freon-114	99		-		70-130	-		
Vinyl chloride	92		-		70-130	-		
1,3-Butadiene	106		-		70-130	-		
Bromomethane	85		-		70-130	-		
Chloroethane	89		-		70-130	-		
Ethanol	93		-		40-160	-		
Vinyl bromide	85		-		70-130	-		
Acetone	78		-		40-160	-		
Trichlorofluoromethane	89		-		70-130	-		
Isopropanol	75		-		40-160	-		
1,1-Dichloroethene	90		-		70-130	-		
Tertiary butyl Alcohol	86		-		70-130	-		
Methylene chloride	102		-		70-130	-		
3-Chloropropene	96		-		70-130	-		
Carbon disulfide	87		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	87		-		70-130	-		
1,1-Dichloroethane	87		-		70-130	-		
Methyl tert butyl ether	89		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	91		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1448299-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	97		-		70-130	-		
Tetrahydrofuran	89		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	103		-		70-130	-		
1,1,1-Trichloroethane	100		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	106		-		70-130	-		
Cyclohexane	104		-		70-130	-		
1,2-Dichloropropane	97		-		70-130	-		
Bromodichloromethane	109		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	98		-		70-130	-		
2,2,4-Trimethylpentane	105		-		70-130	-		
Heptane	106		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	96		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	88		-		70-130	-		
2-Hexanone	100		-		70-130	-		
Dibromochloromethane	101		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: MONTICELLO MANOR

Lab Number: L2056373

Project Number: 20-0857

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-05 Batch: WG1448299-3								
Tetrachloroethene	91		-		70-130	-		
Chlorobenzene	95		-		70-130	-		
Ethylbenzene	94		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	95		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	100		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	98		-		70-130	-		
1,3-Dichlorobenzene	100		-		70-130	-		
1,4-Dichlorobenzene	98		-		70-130	-		
1,2-Dichlorobenzene	98		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Project Name: MONTICELLO MANOR

Project Number: 20-0857

Serial_No:12232015:33
Lab Number: L2056373

Report Date: 12/23/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controller Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2056373-01	SV-01	01034	Flow 4	12/14/20	338152		-	-	-	Pass	18.0	18.3	2
L2056373-01	SV-01	2878	2.7L Can	12/14/20	338152	L2055069-01	Pass	-29.8	-3.7	-	-	-	-
L2056373-02	SV-02	01389	Flow 3	12/14/20	338152		-	-	-	Pass	18.0	18.9	5
L2056373-02	SV-02	2819	2.7L Can	12/14/20	338152	L2055069-01	Pass	-29.5	-3.3	-	-	-	-
L2056373-03	SV-03	01948	Flow 3	12/14/20	338152		-	-	-	Pass	18.0	18.2	1
L2056373-03	SV-03	133	2.7L Can	12/14/20	338152	L2055069-01	Pass	-29.6	-5.1	-	-	-	-
L2056373-04	SV-04	0975	Flow 4	12/14/20	338152		-	-	-	Pass	18.0	18.5	3
L2056373-04	SV-04	2857	2.7L Can	12/14/20	338152	L2055069-01	Pass	-29.4	-3.9	-	-	-	-
L2056373-05	SV-05	0785	Flow 3	12/14/20	338152		-	-	-	Pass	18.0	17.8	1
L2056373-05	SV-05	321	2.7L Can	12/14/20	338152	L2055069-01	Pass	-29.4	-4.3	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15
 Analytical Date: 12/10/20 17:49
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:
 Matrix: Air
 Analytical Method: 48,TO-15-SIM
 Analytical Date: 12/10/20 17:49
 Analyst: TS

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2055069
Report Date: 12/23/20

Air Canister Certification Results

Lab ID: L2055069-01
 Client ID: CAN 332 SHELF 13
 Sample Location:

Date Collected: 12/09/20 16:00
 Date Received: 12/10/20
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	87		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	87		60-140



Project Name: MONTICELLO MANOR

Project Number: 20-0857

Sample Receipt and Container Information

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2056373-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2056373-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2056373-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2056373-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2056373-05A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. (Note: 'PFAS, Total (6)' is applicable to MassDEP DW compliance analysis only.). If a 'Total' result is requested, the results of its individual components will also be reported.

The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report



Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

Data Qualifiers

the identification is based on a mass spectral library search.

- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.

Project Name: MONTICELLO MANOR
Project Number: 20-0857

Lab Number: L2056373
Report Date: 12/23/20

REFERENCES

- 48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

Westborough Facility

EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene

EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270D: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

Mansfield Facility

SM 2540D: TSS

EPA 8082A: NPW: PCB: 1, 5, 31, 87, 101, 110, 141, 151, 153, 180, 183, 187.

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

EPA TO-12 Non-methane organics

EPA 3C Fixed gases

Biological Tissue Matrix: EPA 3050B

The following analytes are included in our Massachusetts DEP Scope of Accreditation

Westborough Facility:

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:** Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045:** PCB-Oil.

Microbiology: SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.

Mansfield Facility:

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg.

EPA 522.

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1 Hg.

SM2340B

For a complete listing of analytes and methods, please contact your Alpha Project Manager.



CHAIN OF CUSTODY

AIR ANALYSIS

PAGE 1 OF 1

320 Forbes Blvd, Mansfield, MA 02048
 TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: **GPTS**
 Address: **22 Elm Road, Suite 101**
Pok NY 12601
 Phone: **(518) 452 1658**
 Fax:
 Email: **erick_sabzare@gbtpa.com**

Project Information

Project Name: **Monticello Manor**
 Project Location: **15 High St, Monticello NY**
 Project #: **20-0857**
 Project Manager: **Erick Sabzare**
 ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved!)

Date Due: Time:

Date Rec'd in Lab: **12-17-20**

Report Information - Data Deliverables

FAX
 ADEX
 Criteria Checker: **NY SVI Metrics**
 (Default based on Regulatory Criteria Indicated)
 Other Formats:
 EMAIL (standard pdf report)
 Additional Deliverables:
 Report ID: (if different than Project Manager)

ALPHA Job #: **L2056373**

Billing Information

Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed Program Res / Comm

These samples have been previously analyzed by Alpha
 Other Project Specific Requirements/Comments:
 Project-Specific Target Compound List:

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION					Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15 TO-15 SIM APH Fixed Gases Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum							
S6373-01	SV-01	12/15/20	12:00	14:00	-29.12	-4.15	SV	ES	2.7L	2878	01034	<input checked="" type="checkbox"/>	PID 22.9 ppm
02	SV-02		11:50	13:50	-29.35	-3.79				2819	01389		4.7 ppm
03	SV-03		11:40	13:40	-29.19	-5.48				133	01948		1.7 ppm
04	SV-04		11:30	13:30	-26.86	-4.57				2857	0975		1.3 ppm
05	SV-05		10:30	12:30	-29.40	-5.56				321	0785		6.8 ppm

***SAMPLE MATRIX CODES**

AA = Ambient Air (Indoor/Outdoor)
 SV = Soil Vapor/Landfill Gas/SVE
 Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:

Date/Time

Received By:

Date/Time:

S. Hooker
12/16/20

12/16/20 10:40

[Signature]
12/16/20 1625

12/16/20 1040
12/17/20 11:50