



August 20, 2020

Zach Kadden
Madison Realty Capital
825 3rd Avenue, 37th Floor
New York, NY 10022

RE: **Soil Investigation**
644 East 14th Street
Manhattan, New York 10009
Athenica Project No. 20-132-0717

Dear Mr. Kadden:

Athenica Environmental Services, Inc. (Athenica) has prepared this letter report summarizing the results of the soil investigation conducted at the referenced property in Manhattan, New York (Site). The sampling was conducted in accordance with Athenica's proposal dated August 4, 2020. The purpose of this investigation was to assess soil quality at the Site, based on the Site's reported former use as an automobile repair facility.

Background

The Site is comprised of a single parcel located at 644 East 14th Street in the borough of Manhattan, and is approximately 10,098-square feet in area. The Site is currently a vacant lot with the legal description of Tax Block 396, Lot 29. It is our understanding that the former Site owner razed the building and excavated soil at the Site to approximately four feet below sidewalk level, prior to acquisition of the Site by Madison Realty Capital, and that there is an inactive dewatering system in place at the Site.

A Phase I Environmental Site Assessment (ESA) was prepared for the Site by others in December 2013. Recognized Environmental Conditions (RECs) identified in the Phase I ESA report included the former use of the Site as an automobile repair facility and the possible presence of No. 2 fuel oil underground storage tank (UST), due to what appeared to be a fill pipe on the south side of the building.

In response, a Phase II ESA was conducted at the Site in March 2014. During this Phase II ESA, the reported fill pipe was found to be a pre-existing monitoring well, and no further evidence of USTs was identified. The scope of the Phase II ESA included advancing six soil borings across the Site, selection of four soil samples for laboratory analysis, and collection of groundwater samples for laboratory analysis from two existing monitoring wells. The 2014 Phase II ESA soil samples were analyzed for volatile organic compounds (VOCs) and semi-volatile organic compounds (SVOCs), and the 2014 Phase II ESA groundwater samples were analyzed for VOCs only.

No VOCs were detected in any of the soil or groundwater samples at concentrations above applicable New York State criteria. Two of the soil samples contained concentrations of SVOCs that exceeded Restricted Residential Soil Cleanup Objectives (SCOs); the 2014 Phase II ESA report attributed the detected SVOCs to the presence of historic fill at the Site.

Scope of Work

Soil Sampling

Athenica collected five (5) soil samples at locations throughout the Site, each from a depth of approximately 0.5 to 1 foot below ground surface (bgs). Samples were collected using a decontaminated hand auger. Each retrieved sample was screened for VOCs with a photoionization detector (PID), and examined for evidence of potential contamination (staining, odors, etc.). Samples were designated Soil-1 through Soil-5; the sample locations are shown on Figure 1.

The selected soil samples were placed into laboratory-supplied containers, which were labelled and immediately placed into an iced cooler for delivery under chain of custody protocols to York Analytical Laboratories, Inc. (York) for analysis of Target Compound List (TCL) VOCs, TCL SVOCs, TCL Pesticides, TCL PCBs, and Target Analyte List (TAL) metals. York is certified under the New York State Department of Health Environmental Laboratory Approval Program (ELAP) for these analyses. Photographs taken during the soil sampling are provided in Appendix A.

Findings

Soil

Sampled soil predominantly consisted of dark brown, moist, coarse sand and silt, with varying amounts of gravel. PID readings above background levels (0.1 parts per million (ppm)) were not measured in any of the soil samples, and no odors were identified in any of the samples.

Analytical results are summarized in Table 1. The analytical laboratory reports for the collected samples are provided in Appendix B. Due to the planned multi-family residential use of the Site, the samples were compared to 6NYCRR Part 375 Restricted Residential SCOs. The findings of the investigation are as follows:

- No VOCs, pesticides, or PCBs were detected at concentrations above Restricted Residential Use SCOs in any of the soil samples.
- Seven SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene, were detected at concentrations exceeding Restricted Residential SCOs.
 - Benzo(a)anthracene exceeded the Restricted Residential SCO in all five samples, at concentrations ranging from 1.31 milligrams per kilogram (mg/kg) to 15.8 mg/kg.
 - Benzo(a)pyrene exceeded the Restricted Residential SCO in all five samples, at concentrations ranging from 1.32 mg/kg to 18.3 mg/kg.

- Benzo(b)fluoranthene exceeded the Restricted Residential SCO in Soil-1 (13.1 mg/kg), Soil-2 (12.0 mg/kg), Soil-4 (1.55 mg/kg), and Soil-5 (10.1 mg/kg).
- Benzo(k)fluoranthene exceeded the Restricted Residential SCO in Soil-1 (12.8 mg/kg), Soil-2 (10.8 mg/kg), and Soil-5 (9.02 mg/kg).
- Chrysene exceeded the Restricted Residential SCO in Soil-1 (11.2 mg/kg), Soil-2 (12.5 mg/kg), and Soil-5 (10 mg/kg) .
- Dibenzo(a,h)anthracene exceeded the Restricted Residential SCO in Soil-1 (2.6 mg/kg), Soil-2 (2.65 mg/kg), and Soil-5 (2.29 mg/kg) .
- Indeno(1,2,3-cd)pyrene exceeded the Restricted Residential SCO in all five samples, at concentrations ranging from 0.89 mg/kg to 12.9 mg/kg.
- Barium (460 mg/kg) and lead (428 mg/kg) exceeded the Restricted Residential SCOs in Soil-1. Lead (405 mg/kg) also exceeded the Restricted Residential SCO in Soil-4.
- Mercury exceeded the Restricted Residential SCO in Soil-3 (1.17 mg/kg).

Please contact us if you have any questions or require additional information.

Sincerely,

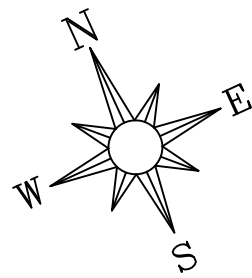
ATHENICA ENVIRONMENTAL SERVICES, INC.



Kenneth P. Wenz, Jr., PG, LEP
Senior Project Manager

Enclosures

FIGURE



East 14th Street



LEGEND:

- Soil sample location.
- Historic soil sample location.
- ▲ Historic monitoring well location.



45-09 GREENPOINT AVENUE
LONG ISLAND CITY, NY 11104
TEL: (718) 784 - 7490
FAX: (718) 784 - 4085

Date:	08/17/2020
Drawn by:	Justin Gugger
Checked by:	Kenneth P. Wenz Jr., PG, LEP
Drawing Scale:	Not to scale
Project No.:	20-132-0717

Site: 644 East 14th Street, New York, NY 10009

Figure: 1

Title: Sample Location Map

TABLE

Table 1
Detected Compounds in Soil Samples
644 East 14th Street
New York, NY

Sample ID York ID Sampling Date Client Matrix	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	Soil-1 20H0311-01 8/10/2020 Soil		Soil-2 20H0311-02 8/10/2020 Soil		Soil-3 20H0311-03 8/10/2020 Soil		Soil-4 20H0311-04 8/10/2020 Soil		Soil-5 20H0311-05 8/10/2020 Soil	
		Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q	Result mg/Kg	Q
Volatiles Organics, 8260 - Comprehensive											
Dilution Factor	mg/Kg	1		1		1		1		1	
2-Butanone	100	0.00250	U	0.00230	U	0.00300	J	0.00230	U	0.00260	U
Acetone	100	0.00500	U	0.00460	U	0.00940	J	0.00580	J	0.00530	U
Semi-Volatiles, 8270 - Comprehensive											
Dilution Factor	mg/Kg	20		50		2		5		20	
1,1-Biphenyl	~	0.280	D	0.480	D	0.0519	U	0.0479	U	0.224	D
2,4-Dimethylphenol	~	0.0744	JD	0.122	D	0.0519	U	0.0479	U	0.0687	JD
2-Methylnaphthalene	~	1.030	D	1.760	D	0.0728	JD	0.0809	JD	0.711	D
2-Methylphenol	100	0.0471	U	0.0597	JD	0.0519	U	0.0479	U	0.0490	U
3- & 4-Methylphenols	100	0.0962	D	0.127	D	0.0519	U	0.0479	U	0.0898	JD
Acenaphthene	100	2.28	D	5.49	D	0.304	D	0.407	D	3.030	D
Acenaphthylene	100	2.08	D	1.50	D	0.128	D	0.192	D	1.140	D
Acetophenone	~	0.0471	U	0.0462	U	0.0519	U	0.0519	JD	0.0490	U
Anthracene	100	4.790	D	9.390	D	0.724	D	0.981	D	6.740	D
Benzo(a)anthracene	1	14.70	D	15.80	D	1.310	D	1.920	D	12.50	D
Benzo(a)pyrene	1	18.30	D	16.40	D	1.390	D	2.040	D	14	D
Benzo(b)fluoranthene	1	13.10	D	12	D	1	D	1.550	D	10.10	D
Benzo(g,h,i)perylene	100	10.900	D	8.850	D	0.750	D	1.170	D	7.360	D
Benzo(k)fluoranthene	3.9	12.80	D	10.80	D	0.964	D	1.360	D	9.020	D
Benzy butyl phthalate	~	13.700	D	0.337	D	0.0519	U	0.0479	U	0.352	D
Bis(2-ethylhexyl)phthalate	~	7.610	D	0.380	D	0.119	D	0.0733	JD	1.510	D
Carbazole	~	2.130	D	3.820	D	0.245	D	0.269	D	2.150	D
Chrysene	3.9	11.20	D	12.50	D	1.040	D	1.560	D	10	D
Dibenzo(a,h)anthracene	0.33	2.60	D	2.65	D	0.205	D	0.300	D	2.290	D
Dibenzofuran	59	1.620	D	3.080	D	0.157	D	0.194	D	1.570	D
Di-n-butyl phthalate	~	0.222	D	0.0462	U	0.0519	U	0.0479	U	0.0490	U
Di-n-octyl phthalate	~	0.0471	U	0.0462	U	0.0519	U	0.0479	U	0.511	D
Fluoranthene	100	29.50	D	41.20	D	3.10	D	4.620	D	30.10	D
Fluorene	100	2.470	D	5.370	D	0.308	D	0.389	D	3.120	D
Indeno(1,2,3-cd)pyrene	0.5	12.90	D	10.40	D	0.898	D	1.40	D	8.770	D
Naphthalene	100	3.740	D	4.600	D	0.160	D	0.151	D	1.620	D
Phenanthrene	100	18.60	D	38.70	D	2.500	D	3.550	D	24.10	D
Phenol	100	0.0471	U	0.110	D	0.0519	U	0.0479	U	0.0490	U
Pyrene	100	24.70	D	33.90	D	2.410	D	3.560	D	23.70	D
Pesticides, 8081 target list											
Dilution Factor	mg/Kg	5		5		5		5		5	
4,4'-DDT	7.9	0.00683	D	0.00693	D	0.00205	U	0.00190	U	0.00193	U
Metals, Target Analyte											
Dilution Factor	mg/Kg	1		1		1		1		1	
Aluminum	~	8,540		7,450		12,000		8,760		9,660	
Arsenic	16	6.610		2.880		3.900		5.080		3.960	
Barium	400	460		200		146		207		270	
Cadmium	4.3	0.342		0.333		0.377		0.349		0.374	
Calcium	~	43,100	B	25,700	B	18,300	B	25,500	B	32,200	B
Chromium	~	21.60		19.10		23.50		24.50		28.20	
Cobalt	~	7.470		7.980		16.90		9.25		9.300	
Copper	270	50.40		51		74.20		66.30		54.800	
Iron	~	19,600		16,500		21,800		19,500		19,900	
Lead	400	428		190		251		405		258	
Magnesium	~	5,660		5,620		4,090		5,850		5,980	
Manganese	2000	293		294		371		355		349	
Nickel	310	16.70		16.60		30.90		22.80		20.70	
Potassium	~	1,470	B	1,910	B	1,960	B	1,830	B	2,260	B
Sodium	~	546		301		271		359		418	
Vanadium	~	25.30		23.40		27.70		24.60		26.80	
Zinc	10000	260		127		164		159		163	
Mercury by 7473											
Dilution Factor	mg/Kg	1		1		1		1		1	
Mercury	0.81	0.474		0.336		1.170		0.595		0.429	
Total Solids											
Dilution Factor	%	1		1		1		1		1	
% Solids	~	87.800		90.200		79.500		85.900		84.500	
Polychlorinated Biphenyls (PCB)											
Dilution Factor	mg/Kg	1		1		1		1		1	

NOTES:

Any Regulatory Exceedences are highlighted in yellow.

Q is the Qualifier Column with definitions as follows:

D= result is from an analysis that required a dilution

J= analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

U= analyte not detected at or above the level indicated

B= analyte found in the analysis batch blank

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

Appendix A
Photographs



View of the Site being screened with a PID prior to sampling.



View of a soil boring.



View of a soil boring being advanced.



View of a soil sample being collected.

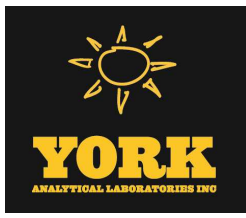


View of a soil boring properly abandoned.



View of a soil boring being screened for VOCs with a PID.

Appendix B
Laboratory Analytical Reports



Technical Report

prepared for:

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Justin Gugger

Report Date: 08/17/2020
Client Project ID: 20-132-0717 644 East 14th Street
York Project (SDG) No.: 20H0311

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

RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 08/17/2020
Client Project ID: 20-132-0717 644 East 14th Street
York Project (SDG) No.: 20H0311

Athenica Environmental Services, Inc.
45-09 Greenpoint Avenue
Long Island City NY, 11104
Attention: Justin Gugger

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 August 10, 2020 with a temperature of 4.3 C. The project was identified as your project: **20-132-0717 644 East 14th Street**.

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>
20H0311-01	Soil-1	Soil	08/10/2020	08/10/2020
20H0311-02	Soil-2	Soil	08/10/2020	08/10/2020
20H0311-03	Soil-3	Soil	08/10/2020	08/10/2020
20H0311-04	Soil-4	Soil	08/10/2020	08/10/2020
20H0311-05	Soil-5	Soil	08/10/2020	08/10/2020

General Notes for York Project (SDG) No.: 20H0311

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: 08/17/2020





Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/10/2020 09:57	08/10/2020 16:08	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	50	99	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
78-93-3	2-Butanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
67-64-1	Acetone	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
71-43-2	Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

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Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
74-95-3	Dibromomethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 16:08	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.0	9.9	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 16:08	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
100-42-5	Styrene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:08	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
108-88-3	Toluene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

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20-132-0717 644 East 14th Street

Soil

August 10, 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
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH	08/10/2020 09:57	08/10/2020 16:08	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.5	5.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.5	15	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:08	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	78.7 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.7 %			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	280		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

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20-132-0717 644 East 14th Street

Soil

August 10, 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
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
105-67-9	2,4-Dimethylphenol	74.4	J	ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
91-57-6	2-Methylnaphthalene	1030		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
65794-96-9	3- & 4-Methylphenols	96.2		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
83-32-9	Acenaphthene	2280		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW



Sample Information

Client Sample ID: Soil-1

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Soil

August 10, 2020 12:00 am

08/10/2020

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
208-96-8	Acenaphthylene	2080		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
98-86-2	Acetophenone	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
62-53-3	Aniline	ND		ug/kg dry	188	377	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
120-12-7	Anthracene	4790		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
92-87-5	Benzidine	ND		ug/kg dry	188	377	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
56-55-3	Benzo(a)anthracene	14700		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
50-32-8	Benzo(a)pyrene	18300		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
205-99-2	Benzo(b)fluoranthene	13100		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
191-24-2	Benzo(g,h,i)perylene	10900		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
207-08-9	Benzo(k)fluoranthene	12800		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
85-68-7	Benzy l butyl phthalate	13700		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
117-81-7	Bis(2-ethylhexyl)phthalate	7610		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
105-60-2	Caprolactam	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
86-74-8	Carbazole	2130		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
218-01-9	Chrysene	11200		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
53-70-3	Dibenzo(a,h)anthracene	2600		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
132-64-9	Dibenzofuran	1620		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
84-74-2	Di-n-butyl phthalate	222		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	94.0	188	2	EPA 8270D Certifications:	08/14/2020 06:42	08/14/2020 22:58	OW
206-44-0	Fluoranthene	29900		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
86-73-7	Fluorene	2470		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
193-39-5	Indeno(1,2,3-cd)pyrene	12900	CCV-H	ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
78-59-1	Isophorone	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
91-20-3	Naphthalene	3740		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
85-01-8	Phenanthrene	18600		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
108-95-2	Phenol	ND		ug/kg dry	47.1	94.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 22:58	OW
129-00-0	Pyrene	24700		ug/kg dry	471	940	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 12:36	OW
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: SURRE: 2-Fluorophenol	68.4 %									20-108
4165-62-2	Surrogate: SURRE: Phenol-d5	71.5 %									23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	69.3 %									22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	58.1 %									21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	79.5 %									19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	71.3 %									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		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
50-29-3	4,4'-DDT	6.83		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
309-00-2	Aldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 17:47	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	08/13/2020 05:55	08/14/2020 17:47	CM



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
72-20-8	Endrin	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 17:47	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.85	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.27	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
8001-35-2	Toxaphene	ND		ug/kg dry	93.8	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 17:47	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	118 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	54.4 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 21:47	BJ



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst	
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	08/13/2020 05:55	08/13/2020 21:47	BJ	
							Certifications:				
Surrogate Recoveries		Result	Acceptance Range								
877-09-8	Surrogate: Tetrachloro-m-xylene	63.0 %	30-140								
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %	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	8540		mg/kg dry	5.69	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.85	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	6.61		mg/kg dry	1.71	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	460		mg/kg dry	2.85	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.342	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	Calcium	43100	B	mg/kg dry	5.69	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	21.6		mg/kg dry	0.569	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	7.47		mg/kg dry	0.455	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	50.4		mg/kg dry	2.28	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	19600		mg/kg dry	28.5	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	428		mg/kg dry	0.569	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	Magnesium	5660		mg/kg dry	5.69	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	Manganese	293		mg/kg dry	0.569	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	Nickel	16.7		mg/kg dry	1.14	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	Potassium	1470	B	mg/kg dry	5.69	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.85	1	EPA 6010D	08/11/2020 08:24	08/11/2020 18:29	KML	
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP			



Sample Information

Client Sample ID: Soil-1

York Sample ID: 20H0311-01

<u>York Project (SDG) No.</u> 20H0311	<u>Client Project ID</u> 20-132-0717 644 East 14th Street	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 10, 2020 12:00 am	<u>Date Received</u> 08/10/2020
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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
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:29	KML
7440-23-5	Sodium	546		mg/kg dry	56.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:29	KML
7440-28-0	Thallium	ND		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:29	KML
7440-62-2	Vanadium	25.3		mg/kg dry	1.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:29	KML
7440-66-6	Zinc	260		mg/kg dry	2.85	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:29	KML

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	0.474		mg/kg dry	0.0342	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/11/2020 16:04	08/11/2020 17:16	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	87.8		%	0.100	1	SM 2540G Certifications: CTDOH	08/11/2020 08:07	08/11/2020 14:38	WJM

Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

<u>York Project (SDG) No.</u> 20H0311	<u>Client Project ID</u> 20-132-0717 644 East 14th Street	<u>Matrix</u> Soil	<u>Collection Date/Time</u> August 10, 2020 12:00 am	<u>Date Received</u> 08/10/2020
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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
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/10/2020 09:57	08/10/2020 16:35	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	46	92	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
107-02-8	Acrolein	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 16:35	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.6	9.2	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 16:35	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 16:35	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH	08/10/2020 09:57	08/10/2020 16:35	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.6	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.9	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 16:35	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	80.3 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	97.5 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.0 %			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	480		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
105-67-9	2,4-Dimethylphenol	122		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
91-57-6	2-Methylnaphthalene	1760		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
95-48-7	2-Methylphenol	59.7	J	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
65794-96-9	3- & 4-Methylphenols	127		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
83-32-9	Acenaphthene	5490		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
208-96-8	Acenaphthylene	1500		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
98-86-2	Acetophenone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
62-53-3	Aniline	ND		ug/kg dry	185	369	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

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Matrix

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
120-12-7	Anthracene	9390		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
1912-24-9	Atrazine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
92-87-5	Benzidine	ND		ug/kg dry	185	369	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
56-55-3	Benzo(a)anthracene	15800		ug/kg dry	1150	2300	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:08	OW
50-32-8	Benzo(a)pyrene	16400		ug/kg dry	1150	2300	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:08	OW
205-99-2	Benzo(b)fluoranthene	12000		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
191-24-2	Benzo(g,h,i)perylene	8850		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
207-08-9	Benzo(k)fluoranthene	10800		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
65-85-0	Benzoic acid	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
85-68-7	Benzy l butyl phthalate	337		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
117-81-7	Bis(2-ethylhexyl)phthalate	380	SCAL-E	ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
105-60-2	Caprolactam	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
86-74-8	Carbazole	3820		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
218-01-9	Chrysene	12500		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
53-70-3	Dibenzo(a,h)anthracene	2650		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
132-64-9	Dibenzofuran	3080		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

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Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
131-11-3	Dimethyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	92.2	184	2	EPA 8270D Certifications:	08/14/2020 06:42	08/14/2020 23:31	OW
206-44-0	Fluoranthene	41200		ug/kg dry	1150	2300	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:08	OW
86-73-7	Fluorene	5370		ug/kg dry	231	461	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
193-39-5	Indeno(1,2,3-cd)pyrene	10400	CCV-H	ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
78-59-1	Isophorone	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
91-20-3	Naphthalene	4600		ug/kg dry	231	461	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:40	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
85-01-8	Phenanthrene	38700		ug/kg dry	1150	2300	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:08	OW
108-95-2	Phenol	110		ug/kg dry	46.2	92.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/14/2020 23:31	OW
129-00-0	Pyrene	33900		ug/kg dry	1150	2300	50	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 13:08	OW
	Surrogate Recoveries	Result		Acceptance Range							
367-12-4	Surrogate: SURR: 2-Fluorophenol	65.2 %		20-108							



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
4165-62-2	Surrogate: SURRE: Phenol-d5	68.4 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	70.8 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	59.5 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	79.2 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	71.7 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
50-29-3	4,4'-DDT	6.93		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
309-00-2	Aldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:04	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
57-74-9	Chlordane, total	ND		ug/kg dry	36.2	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	08/13/2020 05:55	08/14/2020 18:04	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
72-20-8	Endrin	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM



Sample Information

Client Sample ID: Soil-2

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:04	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.81	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.06	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
8001-35-2	Toxaphene	ND		ug/kg dry	91.7	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:04	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	96.3 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	45.7 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:00	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	08/13/2020 05:55	08/13/2020 22:00	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	47.0 %	30-140							



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	7450		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-36-0	Antimony	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-38-2	Arsenic	2.88		mg/kg dry	1.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-39-3	Barium	200		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.333	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-70-2	Calcium	25700	B	mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-47-3	Chromium	19.1		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-48-4	Cobalt	7.98		mg/kg dry	0.443	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-50-8	Copper	51.0		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7439-89-6	Iron	16500		mg/kg dry	27.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7439-92-1	Lead	190		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7439-95-4	Magnesium	5620		mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7439-96-5	Manganese	294		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-02-0	Nickel	16.6		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-09-7	Potassium	1910	B	mg/kg dry	5.54	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7782-49-2	Selenium	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-22-4	Silver	ND		mg/kg dry	0.554	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-23-5	Sodium	301		mg/kg dry	55.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-28-0	Thallium	ND		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-62-2	Vanadium	23.4		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML
7440-66-6	Zinc	127		mg/kg dry	2.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:37	KML



Sample Information

Client Sample ID: Soil-2

York Sample ID: 20H0311-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	0.336		mg/kg dry	0.0333	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/11/2020 16:04	08/11/2020 17:25	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	90.2		%	0.100	1	SM 2540G Certifications: CTDOH	08/11/2020 08:07	08/11/2020 14:38	WJM

Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAE	08/10/2020 09:57	08/10/2020 17:01	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/10/2020 09:57	08/10/2020 17:01	TMP



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	57	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
78-93-3	2-Butanone	3.0	Cal-E, J	ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
67-64-1	Acetone	9.4	CCV-E, ICV-E, J	ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
107-02-8	Acrolein	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
71-43-2	Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
74-83-9	Bromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:01	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.7	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:01	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
100-42-5	Styrene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:01	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
108-88-3	Toluene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH	08/10/2020 09:57	08/10/2020 17:01	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.9	5.7	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	8.6	17	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:01	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	79.9 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.8 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	94.2 %	76-130								



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
92-52-4	1,1-Biphenyl	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
91-57-6	2-Methylnaphthalene	72.8	J	ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
83-32-9	Acenaphthene	304		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
208-96-8	Acenaphthylene	128		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
98-86-2	Acetophenone	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
62-53-3	Aniline	ND		ug/kg dry	207	414	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
120-12-7	Anthracene	724		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
1912-24-9	Atrazine	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
92-87-5	Benzidine	ND		ug/kg dry	207	414	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
56-55-3	Benzo(a)anthracene	1310		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
50-32-8	Benzo(a)pyrene	1390		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
205-99-2	Benzo(b)fluoranthene	1000		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
191-24-2	Benzo(g,h,i)perylene	750		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
207-08-9	Benzo(k)fluoranthene	964		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
65-85-0	Benzoic acid	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
117-81-7	Bis(2-ethylhexyl)phthalate	119	SCAL-E	ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
105-60-2	Caprolactam	ND		ug/kg dry	103	207	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
86-74-8	Carbazole	245		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
218-01-9	Chrysene	1040		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
53-70-3	Dibenzo(a,h)anthracene	205		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
132-64-9	Dibenzofuran	157		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	103	207	2	EPA 8270D Certifications:	08/14/2020 06:42	08/15/2020 00:03	OW
206-44-0	Fluoranthene	3100		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
86-73-7	Fluorene	308		ug/kg dry	51.9	103	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
193-39-5	Indeno(1,2,3-cd)pyrene	898		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
78-59-1	Isophorone	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
91-20-3	Naphthalene	160		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
85-01-8	Phenanthrene	2500		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
108-95-2	Phenol	ND		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
129-00-0	Pyrene	2410		ug/kg dry	51.9	103	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:03	OW
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: SURRE: 2-Fluorophenol	61.3 %									20-108
4165-62-2	Surrogate: SURRE: Phenol-d5	64.4 %									23-114
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	62.2 %									22-108
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	51.0 %									21-113
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	77.6 %									19-110
1718-51-0	Surrogate: SURRE: Terphenyl-d14	68.2 %									24-116

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
309-00-2	Aldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
319-84-6	alpha-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:20	CM
319-85-7	beta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
57-74-9	Chlordane, total	ND		ug/kg dry	41.1	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
319-86-8	delta-BHC	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
60-57-1	Dieldrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
959-98-8	Endosulfan I	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	08/13/2020 05:55	08/14/2020 18:20	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
72-20-8	Endrin	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:20	CM
76-44-8	Heptachlor	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	2.05	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
72-43-5	Methoxychlor	ND		ug/kg dry	10.3	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
8001-35-2	Toxaphene	ND		ug/kg dry	104	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:20	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	81.1 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	60.3 %		30-150						



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:14	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0207	1	EPA 8082A Certifications:	08/13/2020 05:55	08/13/2020 22:14	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	46.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	42.5 %	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	12000		mg/kg dry	6.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-36-0	Antimony	ND		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-38-2	Arsenic	3.90		mg/kg dry	1.89	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-39-3	Barium	146		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.063	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.377	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-70-2	Calcium	18300	B	mg/kg dry	6.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-47-3	Chromium	23.5		mg/kg dry	0.629	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-48-4	Cobalt	16.9		mg/kg dry	0.503	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML



Sample Information

Client Sample ID: Soil-3

York Sample ID: 20H0311-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	74.2		mg/kg dry	2.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7439-89-6	Iron	21800		mg/kg dry	31.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7439-92-1	Lead	251		mg/kg dry	0.629	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7439-95-4	Magnesium	4090		mg/kg dry	6.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7439-96-5	Manganese	371		mg/kg dry	0.629	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-02-0	Nickel	30.9		mg/kg dry	1.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-09-7	Potassium	1960	B	mg/kg dry	6.29	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7782-49-2	Selenium	ND		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-22-4	Silver	ND		mg/kg dry	0.629	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-23-5	Sodium	271		mg/kg dry	62.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-28-0	Thallium	ND		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-62-2	Vanadium	27.7		mg/kg dry	1.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML
7440-66-6	Zinc	164		mg/kg dry	3.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:40	KML

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	1.17		mg/kg dry	0.0377	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/11/2020 16:04	08/11/2020 17:34	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	79.5		%	0.100	1	SM 2540G Certifications: CTDOH	08/11/2020 08:07	08/11/2020 14:38	WJM



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/10/2020 09:57	08/10/2020 17:27	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	45	91	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
591-78-6	2-Hexanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
67-64-1	Acetone	5.8	CCV-E, , ICV-E, J	ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
107-02-8	Acrolein	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
71-43-2	Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:27	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	4.5	9.1	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:27	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
100-42-5	Styrene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:27	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
108-88-3	Toluene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH	08/10/2020 09:57	08/10/2020 17:27	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.3	4.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	6.8	14	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:27	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	81.6 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	98.3 %			85-120						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.1 %			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	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
91-57-6	2-Methylnaphthalene	80.9	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
83-32-9	Acenaphthene	407		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
208-96-8	Acenaphthylene	192		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
98-86-2	Acetophenone	51.9	J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
62-53-3	Aniline	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
120-12-7	Anthracene	981		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
1912-24-9	Atrazine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
92-87-5	Benzidine	ND		ug/kg dry	191	383	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
56-55-3	Benzo(a)anthracene	1920		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
50-32-8	Benzo(a)pyrene	2040		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
205-99-2	Benzo(b)fluoranthene	1550		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
191-24-2	Benzo(g,h,i)perylene	1170		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
207-08-9	Benzo(k)fluoranthene	1360		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
65-85-0	Benzoic acid	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
117-81-7	Bis(2-ethylhexyl)phthalate	73.3	SCAL- E, J	ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
105-60-2	Caprolactam	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
86-74-8	Carbazole	269		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
218-01-9	Chrysene	1560		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
53-70-3	Dibenzo(a,h)anthracene	300		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
132-64-9	Dibenzofuran	194		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	95.5	191	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
206-44-0	Fluoranthene	4620		ug/kg dry	120	239	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:12	OW
86-73-7	Fluorene	389		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
193-39-5	Indeno(1,2,3-cd)pyrene	1400		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
78-59-1	Isophorone	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
91-20-3	Naphthalene	151		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW
85-01-8	Phenanthrene	3550		ug/kg dry	120	239	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:12	OW
108-95-2	Phenol	ND		ug/kg dry	47.9	95.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 00:35	OW



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
129-00-0	Pyrene	3560		ug/kg dry	120	239	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:12	OW
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	62.2 %									20-108
4165-62-2	Surrogate: SURR: Phenol-d5	64.6 %									23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	65.6 %									22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	53.0 %									21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	71.0 %									19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	65.5 %									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		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
309-00-2	Aldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:37	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
57-74-9	Chlordane, total	ND		ug/kg dry	37.9	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	08/13/2020 05:55	08/14/2020 18:37	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
72-20-8	Endrin	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
53494-70-5	Endrin ketone	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:37	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.90	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.48	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
8001-35-2	Toxaphene	ND		ug/kg dry	96.0	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:37	CM
	Surrogate Recoveries	Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	117 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	50.6 %		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	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:27	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0191	1	EPA 8082A Certifications:	08/13/2020 05:55	08/13/2020 22:27	BJ



Sample Information

Client Sample ID: Soil-4

York Sample ID: 20H0311-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	57.0 %			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	8760		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-36-0	Antimony	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-38-2	Arsenic	5.08		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-39-3	Barium	207		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.349	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-70-2	Calcium	25500	B	mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-47-3	Chromium	24.9		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-48-4	Cobalt	9.25		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-50-8	Copper	66.3		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7439-89-6	Iron	19500		mg/kg dry	29.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7439-92-1	Lead	405		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7439-95-4	Magnesium	5850		mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7439-96-5	Manganese	355		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-02-0	Nickel	22.8		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-09-7	Potassium	1830	B	mg/kg dry	5.82	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7782-49-2	Selenium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-22-4	Silver	ND		mg/kg dry	0.582	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML



Sample Information

Client Sample ID: Soil-4 **York Sample ID:** 20H0311-04
York Project (SDG) No.: 20H0311 **Client Project ID:** 20-132-0717 644 East 14th Street **Matrix:** Soil **Collection Date/Time:** August 10, 2020 12:00 am **Date Received:** 08/10/2020

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
7440-23-5	Sodium	359		mg/kg dry	58.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-28-0	Thallium	ND		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-62-2	Vanadium	24.6		mg/kg dry	1.16	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML
7440-66-6	Zinc	159		mg/kg dry	2.91	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:42	KML

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	0.595		mg/kg dry	0.0349	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/11/2020 16:04	08/11/2020 17:43	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	85.9		%	0.100	1	SM 2540G Certifications: CTDOH	08/11/2020 08:07	08/11/2020 14:38	WJM

Sample Information

Client Sample ID: Soil-5 **York Sample ID:** 20H0311-05
York Project (SDG) No.: 20H0311 **Client Project ID:** 20-132-0717 644 East 14th Street **Matrix:** Soil **Collection Date/Time:** August 10, 2020 12:00 am **Date Received:** 08/10/2020

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		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-34-3	1,1-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	08/10/2020 09:57	08/10/2020 17:53	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
106-93-4	1,2-Dibromoethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
107-06-2	1,2-Dichloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
78-87-5	1,2-Dichloropropane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
123-91-1	1,4-Dioxane	ND		ug/kg dry	53	110	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
78-93-3	2-Butanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
591-78-6	2-Hexanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
67-64-1	Acetone	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
107-02-8	Acrolein	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
107-13-1	Acrylonitrile	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
71-43-2	Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
74-97-5	Bromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
75-27-4	Bromodichloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-25-2	Bromoform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
74-83-9	Bromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-15-0	Carbon disulfide	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
56-23-5	Carbon tetrachloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
108-90-7	Chlorobenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-00-3	Chloroethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
67-66-3	Chloroform	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
74-87-3	Chloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
110-82-7	Cyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
124-48-1	Dibromochloromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
74-95-3	Dibromomethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
100-41-4	Ethyl Benzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
98-82-8	Isopropylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
79-20-9	Methyl acetate	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
108-87-2	Methylcyclohexane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
75-09-2	Methylene chloride	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
104-51-8	n-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
103-65-1	n-Propylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
95-47-6	o-Xylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:53	TMP
179601-23-1	p- & m- Xylenes	ND		ug/kg dry	5.3	11	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	08/10/2020 09:57	08/10/2020 17:53	TMP
99-87-6	p-Isopropyltoluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
135-98-8	sec-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
100-42-5	Styrene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	08/10/2020 09:57	08/10/2020 17:53	TMP
98-06-6	tert-Butylbenzene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
127-18-4	Tetrachloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
108-88-3	Toluene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH	08/10/2020 09:57	08/10/2020 17:53	TMP
79-01-6	Trichloroethylene	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
75-69-4	Trichlorofluoromethane	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
75-01-4	Vinyl Chloride	ND		ug/kg dry	2.6	5.3	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
1330-20-7	Xylenes, Total	ND		ug/kg dry	7.9	16	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	08/10/2020 09:57	08/10/2020 17:53	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	81.0 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	98.4 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	97.9 %			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	224		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
105-67-9	2,4-Dimethylphenol	68.7	J	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
91-57-6	2-Methylnaphthalene	711		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
65794-96-9	3- & 4-Methylphenols	89.8	J	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
83-32-9	Acenaphthene	3030		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
208-96-8	Acenaphthylene	1140		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
120-12-7	Anthracene	6740		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
92-87-5	Benzidine	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
56-55-3	Benzo(a)anthracene	12500		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
50-32-8	Benzo(a)pyrene	14000		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
205-99-2	Benzo(b)fluoranthene	10100		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
191-24-2	Benzo(g,h,i)perylene	7360		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
207-08-9	Benzo(k)fluoranthene	9020		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
65-85-0	Benzoic acid	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
85-68-7	Benzyl butyl phthalate	352		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
117-81-7	Bis(2-ethylhexyl)phthalate	1510	SCAL- E	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
86-74-8	Carbazole	2150		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
218-01-9	Chrysene	10000		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
53-70-3	Dibenzo(a,h)anthracene	2290		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
132-64-9	Dibenzofuran	1570		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
117-84-0	Di-n-octyl phthalate	511	CCV-H	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
			SCAL-E								
122-39-4	* Diphenylamine	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	08/14/2020 06:42	08/15/2020 01:07	OW
206-44-0	Fluoranthene	30100		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
86-73-7	Fluorene	3120		ug/kg dry	490	977	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
193-39-5	Indeno(1,2,3-cd)pyrene	8770	CCV-H	ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
91-20-3	Naphthalene	1620		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
85-01-8	Phenanthrene	24100		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/15/2020 01:07	OW
129-00-0	Pyrene	23700		ug/kg dry	490	977	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/14/2020 06:42	08/17/2020 14:45	OW
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	64.7 %			20-108						



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
4165-62-2	Surrogate: SURRE: Phenol-d5	67.9 %			23-114						
4165-60-0	Surrogate: SURRE: Nitrobenzene-d5	68.0 %			22-108						
321-60-8	Surrogate: SURRE: 2-Fluorobiphenyl	54.8 %			21-113						
118-79-6	Surrogate: SURRE: 2,4,6-Tribromophenol	75.0 %			19-110						
1718-51-0	Surrogate: SURRE: Terphenyl-d14	65.4 %			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		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
72-55-9	4,4'-DDE	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
50-29-3	4,4'-DDT	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
309-00-2	Aldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
319-84-6	alpha-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
5103-71-9	alpha-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:54	CM
319-85-7	beta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
57-74-9	Chlordane, total	ND		ug/kg dry	38.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
319-86-8	delta-BHC	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
60-57-1	Dieldrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
959-98-8	Endosulfan I	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
33213-65-9	Endosulfan II	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	08/13/2020 05:55	08/14/2020 18:54	CM
1031-07-8	Endosulfan sulfate	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
72-20-8	Endrin	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
7421-93-4	Endrin aldehyde	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

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20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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
53494-70-5	Endrin ketone	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
58-89-9	gamma-BHC (Lindane)	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
5566-34-7	gamma-Chlordane	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	08/13/2020 05:55	08/14/2020 18:54	CM
76-44-8	Heptachlor	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
1024-57-3	Heptachlor epoxide	ND		ug/kg dry	1.93	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
72-43-5	Methoxychlor	ND		ug/kg dry	9.64	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
8001-35-2	Toxaphene	ND		ug/kg dry	97.5	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/13/2020 05:55	08/14/2020 18:54	CM
Surrogate Recoveries		Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	84.3 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	41.7 %			30-150					

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	08/13/2020 05:55	08/13/2020 22:41	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications:	08/13/2020 05:55	08/13/2020 22:41	BJ
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	49.5 %			30-140					
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %			30-140					



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	9660		mg/kg dry	5.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-36-0	Antimony	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-38-2	Arsenic	3.96		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-39-3	Barium	270		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-43-9	Cadmium	0.374		mg/kg dry	0.355	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-70-2	Calcium	32200	B	mg/kg dry	5.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-47-3	Chromium	28.2		mg/kg dry	0.592	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-48-4	Cobalt	9.30		mg/kg dry	0.473	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-50-8	Copper	54.8		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7439-89-6	Iron	19900		mg/kg dry	29.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7439-92-1	Lead	258		mg/kg dry	0.592	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7439-95-4	Magnesium	5980		mg/kg dry	5.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7439-96-5	Manganese	349		mg/kg dry	0.592	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-02-0	Nickel	20.7		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-09-7	Potassium	2260	B	mg/kg dry	5.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7782-49-2	Selenium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-22-4	Silver	ND		mg/kg dry	0.592	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-23-5	Sodium	418		mg/kg dry	59.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-28-0	Thallium	ND		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-62-2	Vanadium	26.8		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML
7440-66-6	Zinc	163		mg/kg dry	2.96	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	08/11/2020 08:24	08/11/2020 18:45	KML



Sample Information

Client Sample ID: Soil-5

York Sample ID: 20H0311-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20H0311

20-132-0717 644 East 14th Street

Soil

August 10, 2020 12:00 am

08/10/2020

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	0.429		mg/kg dry	0.0355	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	08/11/2020 16:04	08/11/2020 17:52	MAO

Total Solids

Log-in Notes:

Sample Notes:

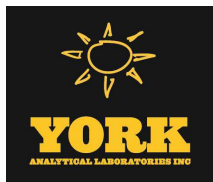
Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.5		%	0.100	1	SM 2540G Certifications: CTDOH	08/11/2020 08:07	08/11/2020 14:38	WJM



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20H0311-01	Soil-1	40mL Vial with Stir Bar-Cool 4° C
20H0311-02	Soil-2	40mL Vial with Stir Bar-Cool 4° C
20H0311-03	Soil-3	40mL Vial with Stir Bar-Cool 4° C
20H0311-04	Soil-4	40mL Vial with Stir Bar-Cool 4° C
20H0311-05	Soil-5	40mL Vial with Stir Bar-Cool 4° C



Sample and Data Qualifiers Relating to This Work Order

SCAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%).
M-ICV1	The recovery for this element in the Initial Calibration Verification (ICV) exceeded 110% of the expected value. Positive detections may be biased high.
M-CRL	The RL check for this element recovered outside of control limits.
M-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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
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).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



YORK Analytical Laboratories, Inc.
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 Stratford, CT 06615
 clientservices@yorklab.com
 www.yorklab.com



Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 20H03A1
 Page 81020 of 1

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company: <u>ATHENA ENVIRONMENTAL SERVICES</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	Company: <u>SAME</u>	RUSH - Next Day	
Address: <u>45-09 GREENPORT AVENUE, SUNNYSIDE, NY 11104</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	Address: <u>SAME</u>	RUSH - Two Day	
Phone: <u>(718) 784-7490</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	Phone: <u>SAME</u>	RUSH - Three Day	
Contact: <u>JUSTIN GUGGER</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	Contact: <u>SAME</u>	RUSH - Four Day	
E-mail: <u>ggugger@athenaenv.com</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	E-mail: <u>SAME</u>	Standard (5-7 Day)	<u>X</u>

YOUR PO#: _____

Report / EDD Type (circle selections)

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

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
Soil-1	S	8/10/2020	TCL VOCs, TCL SVOCs, TCL PESTICIDES,	1X TERRACOTE KIT
Soil-2	S	8/10/2020	TCL PCBs, TAL METALS	1X 802 JAK
Soil-3	S	8/10/2020		
Soil-4	S	8/10/2020		
Soil-5	S	8/10/2020		

Comments: 8/20/20's returned in Queens. (S)

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO₃ ___ H₂SO₄ ___ NaOH ___ ZnAc ___

Ascorbic Acid ___ Other: _____

Relinquished by / Company	Date/Time	Relinquished by / Company	Date/Time	Relinquished by / Company	Date/Time
<u>Justin Gugger / Athena</u>	<u>8/10/2020 1600</u>	<u>Justin Gugger / York</u>	<u>8/10/2020 1600</u>	<u>Justin Gugger / York</u>	<u>8/10/2020 1933</u>
<u>Justin Gugger / York</u>	<u>8/10/2020 1600</u>	<u>Justin Gugger / York</u>	<u>8/10/2020 1933</u>	<u>Justin Gugger / York</u>	<u>8/10/2020 1933</u>