



LEGEND

APPROXIMATE SITE BOUNDARY



NOTES:
1. BASEMAP ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY (USGS) 7.5-MINUTE SERIES TOPOGRAPHICAL MAPS, MAMARONECK, NEW YORK, QUADRANGLE, DATED 2019.

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying,
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Langan International LLC
Collectively known as Langan

Project

**123-131
PEARL STREET**
PORT CHESTER

WESTCHESTER
COUNTY

NEW YORK

Figure Title

**SITE LOCATION
MAP**

Project No.

190064301

Date

12/28/2020

Scale

1"=2,000'

Drawn By

MG

Submission Date

Figure No.

1

Sheet 1 of 2



LEGEND

- SOIL BORING LOCATION
- SOIL BORING/SOIL VAPOR LOCATION
- BORING BY MILONE & MACBROOM INC
- APPROXIMATE SITE BOUNDARY

NOTES:
1. WORLD AERIAL IMAGERY BASEMAP IS PROVIDED THROUGH LANGAN'S ESRI AND ARCGIS SOFTWARE LICENSING AND ARCGIS ONLINE.
2. BORINGS BY MILONE & MACBROOM INC. TAKEN FROM "SUBSURFACE EXPLORATION LOCATION PLAN", PREPARED BY MILONE & MACBROOM, INC., DATED JULY 27, 2020.
3. ALL SAMPLE LOCATIONS ARE APPROXIMATE.

WARNING: IT IS A VIOLATION OF THE NYS EDUCATION LAW ARTICLE 145 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, LAND SURVEYOR OR GEOLOGIST, TO ALTER THIS ITEM IN ANY WAY.

40 0 40
SCALE IN FEET

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Project
123-131 PEARL STREET
PORT CHESTER
WESTCHESTER COUNTY NEW YORK

Figure Title
SAMPLE LOCATION PLAN

Project No. 190064301	2
Date 12/29/2020	
Scale 1"=40'	
Drawn By MG	Sheet 2 of 2

Table 1
BCP Eligibility Study
Sample Summary

123 - 131 Pearl Street
Port Chester, New York
Langan Project No.: 190064301

No.	Location	Sample Name	Sample Depth (feet below grade)	Date	Rationale	Analysis
SOIL						
1	SB01	SB1_0-1	0-1	12/11/2020	Historic Fill	Part 375 TCL VOCs, SVOCs, TAL Metals including trivalent and hexavalent chromium PCBs, pesticides, and herbicides
2	SB02	SB2_0-1	0-1	12/11/2020	Historic Fill	
3	SB03	SB3_0-1	0-1	12/11/2020	Historic Fill	
4	SB04	SB4_14-16	14-16	12/11/2020	Greatest degree of impacts	
5	SB05	SB5_0-1	0-1	12/11/2020	Historic Fill	
6		SB5_3-4	3-4	12/11/2020	Groundwater Interface	
7		SB5_7-8	5-6	12/11/2020	Greatest degree of impacts	
8	SB06	SB06_0-1.5	0-1.5	12/11/2020	Historic Fill	
GROUNDWATER						
1	TMW05	TMW05_121120	7	12/11/2020	Middle of observed water column	Part 375 TCL VOCs, TAL Metals (Dissolved)
SOIL VAPOR						
1	SV3	SV3_121120	6	12/11/2020	Soil Vapor	VOCs via TO-15
2	SV4	SV4_121120	3	12/11/2020		
3	SV5	SV5_121120	2	12/11/2020		

Notes:

1. VOC = Volatile organic compounds
2. SVOC = Semivolatile organic compounds
3. PCB = Polychlorinated biphenyl
4. TCL = Target compound list
5. TAL = Target analyte list

Table 2
BCP Eligibility Study
Soil Sample Analytical Results Summary

123-131 Pearl Street
Port Chester, New York
Langan Project No.: 190064301

Location Sample ID Laboratory ID Sample Date Sample Depth (feet bgs)	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Restricted Use Restricted- Residential Use SCOs	SB1 SB1_0-1 20L0680-06 12/11/2020 0-1	SB2 SB2_0-1 20L0680-04 12/11/2020 0-1	SB3 SB3_0-1 20L0680-07 12/11/2020 0-1	SB4 SB4_14-16 20L0680-08 12/11/2020 14-16	SB5 SB5_0-1 20L0680-03 12/11/2020 0-1	SB5 SB5_3-4 20L0680-02 12/11/2020 3-4	SB5 SB5_7-8 20L0680-01 12/11/2020 7-8	SB6 SB6_0-1.5 20L0680-05 12/11/2020 0-1.5
Volatile Organic Compounds (mg/kg)										
1,1,2-Trichloroethane	~	~	0.0022 U	0.0031 U	0.0027 U	1.1 U	0.0027 U	0.0025 U	0.21 U	0.0082 U
1,2-Dichloroethane	0.02	3.1	0.0022 U	0.0031 U	0.0027 U	1.1 U	0.0027 U	0.0025 U	0.21 U	0.0025 J
Acetone	0.05	100	0.0044 U	0.0063 U	0.0054 U	2.2 U	0.0054 U	0.0081 J	0.42 U	0.0076 J
Cyclohexane	~	~	0.0022 U	0.0031 U	0.0027 U	3.8 D	0.0027 U	0.0025 U	0.21 U	0.0025 U
Ethylbenzene	1	41	0.0032 J	0.0031 U	0.0027 U	1.1 U	0.0027 U	0.0025 U	0.21 U	0.0025 U
Isopropylbenzene (Cumene)	~	~	0.0022 U	0.0031 U	0.0027 U	16 D	0.0027 U	0.0025 U	0.21 U	0.0025 U
M,P-Xylene	~	~	0.012	0.0063 U	0.0054 U	2.2 U	0.0054 U	0.005 U	0.42 U	0.005 U
Methyl Acetate	~	~	0.0022 U	0.0031 U	0.0027 U	1.1 U	0.0027 U	0.0025 U	0.21 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.12	100	0.0038 JB	0.0058 JB	0.0049 JB	2 JBD	0.0045 JB	0.0045 JB	0.39 JBD	0.0043 JB
Methylcyclohexane	~	~	0.0022 U	0.0031 U	0.0027 U	76 D	0.0027 U	0.0025 U	0.21 U	0.0025 U
n-Butylbenzene	12	100	0.0022 U	0.0031 U	0.0027 U	11 D	0.0027 U	0.0025 U	0.93 D	0.0025 U
n-Propylbenzene	3.9	100	0.0022 U	0.0031 U	0.0027 U	69 D	0.0027 U	0.0025 U	0.21 U	0.0025 U
o-Xylene (1,2-Dimethylbenzene)	~	~	0.0039 J	0.0031 U	0.0027 U	1.1 U	0.0027 U	0.0025 U	0.21 U	0.0025 U
Sec-Butylbenzene	11	100	0.0022 U	0.0031 U	0.0027 U	7.2 D	0.0027 U	0.0025 U	2.3 D	0.0025 U
Total Xylenes	0.26	100	0.016	0.0094 U	0.0081 U	3.3 U	0.0081 U	0.0075 U	0.63 U	0.0075 U
Semivolatile Organic Compounds (mg/kg)										
2-Methylnaphthalene	~	~	0.448 U	0.429 U	0.0467 U	4.23 D	0.0453 U	0.0706 JD	0.0473 U	0.049 U
Acenaphthene	20	100	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.0578 JD
Acenaphthylene	100	100	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0973 JD	0.0473 U	0.0671 JD
Anthracene	100	100	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.258 D
Benzo(a)anthracene	1	1	0.448 U	0.429 U	0.126 D	0.0445 U	0.0453 U	0.0584 JD	0.0473 U	1.34 D
Benzo(a)pyrene	1	1	0.448 U	0.429 U	0.113 D	0.0445 U	0.047 JD	0.116 D	0.0473 U	1.38 D
Benzo(b)fluoranthene	1	1	0.448 U	0.429 U	0.116 D	0.0445 U	0.0506 JD	0.158 D	0.0473 U	1.28 D
Benzo(g,h,i)Perylene	100	100	0.448 U	0.429 U	0.0931 JD	0.0445 U	0.0484 JD	0.149 D	0.0473 U	0.891 D
Benzo(k)fluoranthene	0.8	3.9	0.448 U	0.429 U	0.104 D	0.0445 U	0.0453 U	0.121 D	0.0473 U	1.19 D
Bis(2-ethylhexyl) phthalate	~	~	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.0765 JD
Carbazole	~	~	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.096 JD
Chrysene	1	3.9	0.448 U	0.429 U	0.137 D	0.0445 U	0.0453 U	0.0868 JD	0.0473 U	1.36 D
Dibenz(a,h)anthracene	0.33	0.33	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.279 D
Fluoranthene	100	100	0.448 U	0.429 U	0.167 D	0.0445 U	0.047 JD	0.0933 JD	0.0473 U	2.39 D
Fluorene	30	100	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.0473 U	0.0648 JD
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.448 U	0.429 U	0.0954 D	0.0445 U	0.0453 U	0.141 D	0.0473 U	0.984 D
Naphthalene	12	100	0.448 U	0.429 U	0.0467 U	0.0445 U	0.0453 U	0.0509 U	0.141 D	0.049 U
Phenanthrene	100	100	0.448 U	0.429 U	0.0641 JD	0.0445 U	0.0453 U	0.0509 U	0.0473 U	1.12 D
Pyrene	100	100	0.448 U	0.429 U	0.231 D	0.0445 U	0.0453 U	0.0787 JD	0.0473 U	2.62 D
Pesticides (mg/kg)										
4,4'-DDD	0.0033	13	0.00177 U	0.00172 U	0.00187 U	0.00179 U	0.0201 D	0.00893 D	0.00781 D	0.00193 U
4,4'-DDE	0.0033	8.9	0.00177 U	0.00172 U	0.00187 U	0.00179 U	0.167 D	0.0102 D	0.00694 D	0.00193 U
4,4'-DDT	0.0033	7.9	0.00177 U	0.00667 D	0.00187 U	0.00179 U	0.271 D	0.00199 U	0.00546 D	0.0126 D
Alpha Chlordane	0.094	4.2	0.00177 U	0.00172 U	0.0103 D	0.00179 U	0.00181 U	0.00199 U	0.00191 U	0.00193 U
Chlordane (alpha and gamma)	~	~	0.0353 U	0.0344 U	0.115 D	0.0358 U	0.0363 U	0.0399 U	0.0381 U	0.0385 U
Gamma-Chlordane	~	~	0.00177 U	0.00172 U	0.00803 D	0.00179 U	0.00181 U	0.00199 U	0.00191 U	0.00193 U
Herbicides (mg/kg)	~	~	ND	ND	ND	ND	ND	ND	ND	ND
Polychlorinated Biphenyls (mg/kg)	~	~	ND	ND	ND	ND	ND	ND	ND	ND
Inorganics (mg/kg)										
Aluminum	~	~	9,080	7,980	5,480	10,600	9,380	14,000	10,400	4,700
Antimony	~	~	4.95	2.63 U	2.87 U	2.72 U	2.76 U	3.11 U	2.92 U	2.97 U
Arsenic	13	16	6.24	4.64	5.75	1.63 U	9.53	32.6	2.75	4.77
Barium	350	400	84.2	59.4	72.4	127	86.3	325	70.4	154
Cadmium	2.5	4.3	0.416	0.315 U	0.344 U	0.327 U	1.15	10.6	0.35 U	0.783
Calcium	~	~	90,600	67,500	88,800	3,200	33,500	16,700	13,300	38,000
Chromium, Hexavalent	1	110	0.543 U	0.525 U	0.574 U	0.545 U	1.32	0.623 U	0.583 U	0.593 U
Chromium, Total	~	~	15.9	12.5	12.7	16.3	18.6	30.9	23.5	11.8
Chromium, Trivalent	30	180	15.9	12.5	12.7	16.3	17.3	30.9	23.5	11.8
Cobalt	~	~	10.1	9.74	5.32	5.44	8.99	8.31	11	4.69
Copper	50	270	58.1	46.9	40	35	54.2	182	52.4	47.7
Iron	~	~	18,500	16,100	8,590	15,200	21,500	26,700	21,300	11,400
Lead	63	400	1,890	53.7	229	2.45	115	748	37.6	366
Magnesium	~	~	18,200	37,100	51,900	2,390	20,200	6,090	9,590	17,000
Manganese	1,600	2,000	259	281	199	152	537	310	313	189
Mercury	0.18	0.81	0.0522	0.0315 U	0.202	0.0327 U	0.0938	1.36	0.035 U	0.184
Nickel	30	310	20.5	15.1	13.1	16.2	20	27.3	23.5	18.6
Potassium	~	~	2,280	1,880	1,740	373	1,890	744	1,780	702
Selenium	3.9	180	2.71 U	2.63 U	14.8	2.72 U	2.76 U	3.11 U	2.92 U	7.5
Sodium	~	~	535	432	224	293	100	447	429	164
Vanadium	~	~	111	46.1	23.4	26	23.4	42.4	41.7	20.3
Zinc	109	10,000	62	57.4	50.4	11.8	105	1,570	69.7	175
General Chemistry (%)										
Solids, Percent	~	~	92.1	95.2	87.1	91.8	90.7	80.3	85.8	84.3

Notes provided on Page 2.
Concentrations above Unrestricted Use SCOs are bolded.
Concentrations above Restricted Use Restricted-Residential SCOs are shaded.

Table 2
BCP Eligibility Study
Soil Sample Analytical Results Summary

123-131 Pearl Street
Port Chester, New York
Langan Project No.: 190064301

Notes:

1. Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).
2. Only detected analytes are shown in the table.
3. Detected analytical results above Unrestricted Use SCOs are bolded.
4. Detected analytical results above Restricted Use Restricted-Residential SCOs are shaded.
5. Analytical results with reporting limits (RL) above the lowest applicable criteria are italicized.
6. ~ = Regulatory limit for this analyte does not exist
7. bgs = below grade surface
8. mg/kg = milligrams per kilogram
9. % = percent
10. ND = Not detected

Qualifiers:

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

Table 3
BCP Eligibility Study
Groundwater Sample Analytical Results Summary

123-131 Pearl Street
Port Chester, New York
Langan Project No.: 190064301

Location Sample ID Laboratory ID Sample Date	NYSDEC SGVs	TMW05 TMW05_121120 20L0680-09 12/11/2020	
Volatile Organic Compounds (µg/L)			
Acetone	50	53	D
Ethylbenzene	5	5.5	D
Isopropylbenzene (Cumene)	5	14	D
M,P-Xylene	5	19	D
Methyl Ethyl Ketone (2-Butanone)	50	7.8	D
Methylcyclohexane	~	160	D
n-Butylbenzene	5	110	D
n-Propylbenzene	5	32	D
o-Xylene (1,2-Dimethylbenzene)	5	6.6	D
p-Cymene (p-Isopropyltoluene)	~	24	D
Sec-Butylbenzene	5	150	D
T-Butylbenzene	5	20	D
Total Xylenes	5	26	D
Inorganics - Dissolved (µg/L)			
Arsenic	25	1.38	
Barium	1,000	98.6	
Calcium	~	35,600	
Iron	300	7,530	
Magnesium	35,000	7,660	
Manganese	300	1,570	
Potassium	~	4,450	
Sodium	20,000	7,540	

Notes:

- Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").
- Criterion comparisons for total xylenes and m,p-xylene are provided for reference. Promulgated NYSDEC SGVs are for o-xylene, m-xylene, and p-xylene.
- Only detected analytes are shown in the table.
- Detected analytical results above NYSDEC SGVs are bolded and shaded.
- Analytical results with reporting limits (RL) above NYSDEC SGVs are italicized.
- ~ = Regulatory limit for this analyte does not exist
- µg/l = micrograms per liter

Qualifiers:

D = The concentration reported is a result of a diluted sample.

Table 4
BCP Eligibility Study
Soil Vapor Sample Analytical Results Summary

123-131 Pearl Street
Port Chester, New York
Langan Project No.: 190064301

Location		SV3		SV4		SV5	
Sample ID	NYSDOH Decision	SV3_121120		SV4_121120		SV5_121120	
Laboratory ID	Matrices Minimum	20L0709-03		20L0709-01		20L0709-02	
Sample Date	Concentrations	12/11/2020		12/11/2020		12/11/2020	
Sample Type		SV		SV		SV	
Volatile Organic Compounds (µg/m³)							
1,2,4-Trimethylbenzene	~	10	D	17	D	16	D
1,3,5-Trimethylbenzene (Mesitylene)	~	3.1	D	5.1	D	5.1	D
4-Ethyltoluene	~	8.3	D	13	D	12	D
Acetone	~	47	D	35	D	59	D
Benzene	~	6.6	D	0.49	U	0.5	U
Carbon Disulfide	~	24	D	4.6	D	5.8	D
Carbon Tetrachloride	6	0.26	U	0.29	D	0.25	U
Chloroform	~	4.3	D	0.75	U	5.2	D
Cyclohexane	~	1.7	D	75	D	1.7	D
Dichlorodifluoromethane	~	2.1	D	2	D	2	D
Ethylbenzene	~	56	D	190	D	6.1	D
Isopropanol	~	14	D	8.1	D	10	D
M,P-Xylene	~	130	D	420	D	20	D
Methyl Ethyl Ketone (2-Butanone)	~	88	D	75	D	230	D
Methylene Chloride	100	14	D	16	D	100	D
n-Heptane	~	250	D	110	D	20	D
n-Hexane	~	8.3	D	130	D	16	D
o-Xylene (1,2-Dimethylbenzene)	~	38	D	180	D	9.7	D
Propylene	~	190	D	0.26	U	56	D
Tetrachloroethene (PCE)	100	6.2	D	3.2	D	6.3	D
Toluene	~	8	D	10	D	9.4	D
Trichlorofluoromethane	~	1.2	D	1.4	D	1.1	D
Total VOCs	~	911		1,300		591	

Notes:

1. Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).
2. Only detected analytes are shown in the table.
3. ~ = Regulatory limit for this analyte does not exist
4. µg/m³ = micrograms per cubic meter
5. SV = Soil Vapor

Qualifiers:

D = The concentration reported is a result of a diluted sample.

U = The analyte was analyzed for, but was not detected at a level greater than or equal to the Reporting Limit (RL); the value shown in the table is the RL.

\\LANGAN.COM\DATA\WP\DATA3\190064301\PROJECT DATA\DISCIPLINE\ENVIRONMENTAL\FIELD RECORDS\BCP ELIGIBILITY\BORING LOGS\PEARL STREET BORING LOGS.GPJ ... 1/18/2021 2:26:56 PM ... Report Log - LANGAN

Project 123-131 Pearl Street				Project No. 190064301																																																																																																																																																																																													
Location Port Chester, New York				Elevation and Datum NA																																																																																																																																																																																													
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 12/11/20		Date Finished 12/11/20																																																																																																																																																																																											
Drilling Equipment Geoprobe 7822 DT				Completion Depth 16 ft		Rock Depth NA																																																																																																																																																																																											
Size and Type of Bit 2-inch Direct Push Macrocore Cutting Shoe				Number of Samples 4		Disturbed NA																																																																																																																																																																																											
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First ∇ 15		Undisturbed NA																																																																																																																																																																																											
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		Core NA																																																																																																																																																																																											
Sampler 4-foot stainless steel macrocore sampler				Drilling Foreman Ernesto Santiago																																																																																																																																																																																													
Sampler Hammer NA				Field Engineer Kristen Wexler																																																																																																																																																																																													
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BL/in	PID Reading (ppm)	[Cross-hatch pattern]		R1A (0-24") Dark brown to black fine SAND, some fine gravel, with slag (dry) [FILL]	0					0.1	Soil sample SB04_14-16 collected at 11:00 Petroleum-like odor and black staining observed through 16 feet bgs EOB at 16 feet bgs			1					0.3	[Dotted pattern]		R2A (0-18") Brown silty SAND, some fine gravel (moist to wet)	2	R-1	MACROCORE	24/48	NA	0.0			3								4				NA				5						[Dotted pattern]		R3A (0-6") Brown silty SAND, some fine gravel (wet)	6	R-2	MACROCORE	18/48	NA				7					0.1			8				NA	0.1			9						[Dotted pattern]		R3B (6-12") Brown to tan fine SAND, some fine gravel (wet)	10	R-3	MACROCORE	36/48	NA	0.2			11					0.2			12					0.3			13					0.2	[Dotted pattern]		R3C (12-36") Brown silty SAND, trace fine gravel (moist)	14				NA	0.2			15								16								17						[Dotted pattern]		R4A (0-12") Brown silty SAND, trace fine gravel (dry)	18	R-4	MACROCORE	42/48	NA	17.3			19					596.4			20					268.0			21					809.3	[Dotted pattern]		R4B (12-42") Black to dark brown fine SAND (dry)	22					914			23					600			24								25					
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Project 123-131 Pearl Street				Project No. 190064301			
Location Port Chester, New York				Elevation and Datum NA			
Drilling Company Eastern Environmental Solutions, Inc.				Date Started 12/11/20		Date Finished 12/11/20	
Drilling Equipment Geoprobe 7822 DT				Completion Depth 9 ft		Rock Depth NA	
Size and Type of Bit 2-inch Direct Push Macrocore Cutting Shoe				Number of Samples		Disturbed 3	
						Undisturbed NA	
						Core NA	
Casing Diameter (in) NA		Casing Depth (ft) NA		Water Level (ft.) First 4		Completion 4.4	
Casing Hammer NA		Weight (lbs) NA		Drop (in) NA		24 HR. NA	
Drilling Foreman Ernesto Santiago							
Sampler 4-foot stainless steel macrocore sampler				Field Engineer Kristen Wexler			
Sampler Hammer NA		Weight (lbs) NA		Drop (in) NA			

MATERIAL SYMBOL	Elev. (ft)	Sample Description	Depth Scale	Sample Data				Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)	
				Number	Type	Recov. (in)	Penetr. resist. BLU6in		PID Reading (ppm)
		R1A (0-12") Dark brown to light brown fine SAND, trace fine gravel with metal and asphalt (moist) [FILL]	0						
		R1B (12-36") Brown silty SAND, trace fine gravel (moist)	1					4.6	Soil sample SB05_0-1 collected at 9:25
			2					0.6	
			3					2.0	
			4					1.5	
			5					0.9	
		R1C (36-42") Dark brown SILT, trace fine sand (moist to wet)	6					0.7	Soil sample SB05_3-4 collected at 9:40
			7						
			8						
			9						
			10						
		R2A (0-6") Black to grey SILT, trace fine gravel (wet)	11						Petroleum-like odor and black staining through 9 feet bgs Refusal encountered at 9 feet bgs Temporary monitoring well set at 9 feet bgs EOB at 9 feet bgs
	R2B (6-18") Brown to black silty SAND, some fine gravel	12					142.9		
		13					117.4		
		14					385.9		
		15					156.7		
			16						
			17						
			18						



Technical Report

prepared for:

Langan Engineering & Environmental Services (WP)

707 Westchester Ave.

White Plains NY, 10604

Attention: Jennifer Armstrong

Report Date: 12/18/2020

Client Project ID: 190064301

York Project (SDG) No.: 20L0709



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

Report Date: 12/18/2020
Client Project ID: 190064301
York Project (SDG) No.: 20L0709

Langan Engineering & Environmental Services (WP)
707 Westchester Ave.
White Plains NY, 10604
Attention: Jennifer Armstrong

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 12, 2020 and listed below. The project was identified as your project: **190064301**.

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>
20L0709-01	SV4_121120	Soil Vapor	12/11/2020	12/12/2020
20L0709-02	SV5_121120	Soil Vapor	12/11/2020	12/12/2020
20L0709-03	SV3_121120	Soil Vapor	12/11/2020	12/12/2020

General Notes for York Project (SDG) No.: 20L0709

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/18/2020





Sample Information

Client Sample ID: SV4_121120

York Sample ID: 20L0709-01

York Project (SDG) No.

20L0709

Client Project ID

190064301

Matrix

Soil Vapor

Collection Date/Time

December 11, 2020 1:55 pm

Date Received

12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.1	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.84	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.84	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.62	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.15	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.1	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
95-63-6	1,2,4-Trimethylbenzene	17		ug/m ³	0.75	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.92	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.62	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.71	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
108-67-8	1,3,5-Trimethylbenzene	5.1		ug/m ³	0.75	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.92	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.71	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.92	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
78-93-3	2-Butanone	75		ug/m ³	0.45	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ



Sample Information

Client Sample ID: SV4_121120

York Sample ID: 20L0709-01

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 1:55 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.63	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
67-64-1	Acetone	35		ug/m³	0.73	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
107-13-1	Acrylonitrile	ND		ug/m³	0.33	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
71-43-2	Benzene	ND		ug/m³	0.49	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
100-44-7	Benzyl chloride	ND		ug/m³	0.79	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-25-2	Bromoform	ND		ug/m³	1.6	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
74-83-9	Bromomethane	ND		ug/m³	0.60	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-15-0	Carbon disulfide	4.6		ug/m³	0.48	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
56-23-5	Carbon tetrachloride	0.29		ug/m³	0.24	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
108-90-7	Chlorobenzene	ND		ug/m³	0.71	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-00-3	Chloroethane	ND		ug/m³	0.40	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
67-66-3	Chloroform	ND		ug/m³	0.75	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
74-87-3	Chloromethane	ND		ug/m³	0.32	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.70	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
110-82-7	Cyclohexane	75		ug/m³	0.53	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-71-8	Dichlorodifluoromethane	2.0		ug/m³	0.76	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
141-78-6	* Ethyl acetate	ND		ug/m³	1.1	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ



Sample Information

Client Sample ID: SV4_121120

York Sample ID: 20L0709-01

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 1:55 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	190		ug/m ³	0.67	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.6	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
67-63-0	Isopropanol	8.1		ug/m ³	0.75	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.63	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.55	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-09-2	Methylene chloride	16		ug/m ³	1.1	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
142-82-5	n-Heptane	110		ug/m ³	0.63	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
110-54-3	n-Hexane	130		ug/m ³	0.54	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
95-47-6	o-Xylene	180		ug/m ³	0.67	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
179601-23-1	p- & m- Xylenes	420		ug/m ³	1.3	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
622-96-8	* p-Ethyltoluene	13		ug/m ³	0.75	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
115-07-1	* Propylene	ND		ug/m ³	0.26	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
100-42-5	Styrene	ND		ug/m ³	0.65	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
127-18-4	Tetrachloroethylene	3.2		ug/m ³	1.0	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.90	1.534	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 19:34	LLJ
108-88-3	Toluene	10		ug/m ³	0.58	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.61	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.70	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.21	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.4		ug/m ³	0.86	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.54	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.67	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ



Sample Information

Client Sample ID: SV4_121120

York Sample ID: 20L0709-01

York Project (SDG) No.

20L0709

Client Project ID

190064301

Matrix

Soil Vapor

Collection Date/Time

December 11, 2020 1:55 pm

Date Received

12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m ³	0.20	1.534	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 19:34	LLJ



Sample Information

Client Sample ID: SV5_121120

York Sample ID: 20L0709-02

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:00 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.1	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.86	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.2	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.86	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.63	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
95-63-6	1,2,4-Trimethylbenzene	16		ug/m ³	0.77	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.2	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	0.94	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.63	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.72	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
108-67-8	1,3,5-Trimethylbenzene	5.1		ug/m ³	0.77	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.0	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	0.94	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.72	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	0.94	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
78-93-3	2-Butanone	230		ug/m ³	0.46	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.3	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ



Sample Information

Client Sample ID: SV5_121120

York Sample ID: 20L0709-02

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:00 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	2.5	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.64	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
67-64-1	Acetone	59		ug/m ³	0.74	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.34	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
71-43-2	Benzene	ND		ug/m ³	0.50	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.81	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.0	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.6	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.61	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-15-0	Carbon disulfide	5.8		ug/m ³	0.49	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.25	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.72	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.41	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
67-66-3	Chloroform	5.2		ug/m ³	0.77	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.32	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
110-82-7	Cyclohexane	1.7		ug/m ³	0.54	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.3	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-71-8	Dichlorodifluoromethane	2.0		ug/m ³	0.77	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
100-41-4	Ethyl Benzene	6.1		ug/m ³	0.68	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ



Sample Information

Client Sample ID: SV5_121120

York Sample ID: 20L0709-02

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:00 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.7	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
67-63-0	Isopropanol	10		ug/m ³	0.77	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.64	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.56	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-09-2	Methylene chloride	100		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
142-82-5	n-Heptane	20		ug/m ³	0.64	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
110-54-3	n-Hexane	16		ug/m ³	0.55	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
95-47-6	o-Xylene	9.7		ug/m ³	0.68	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
179601-23-1	p- & m- Xylenes	20		ug/m ³	1.4	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
622-96-8	* p-Ethyltoluene	12		ug/m ³	0.77	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ
115-07-1	* Propylene	56		ug/m ³	0.27	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ
100-42-5	Styrene	ND		ug/m ³	0.67	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
127-18-4	Tetrachloroethylene	6.3		ug/m ³	1.1	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.92	1.567	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 20:26	LLJ
108-88-3	Toluene	9.4		ug/m ³	0.59	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.62	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.71	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.21	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.1		ug/m ³	0.88	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.55	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.69	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.20	1.567	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 20:26	LLJ



Sample Information

Client Sample ID: SV5_121120

York Sample ID: 20L0709-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0709

190064301

Soil Vapor

December 11, 2020 2:00 pm

12/12/2020



Sample Information

Client Sample ID: SV3_121120

York Sample ID: 20L0709-03

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:03 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m ³	1.1	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ
71-55-6	1,1,1-Trichloroethane	ND		ug/m ³	0.91	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m ³	1.1	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m ³	1.3	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
79-00-5	1,1,2-Trichloroethane	ND		ug/m ³	0.91	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-34-3	1,1-Dichloroethane	ND		ug/m ³	0.67	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-35-4	1,1-Dichloroethylene	ND		ug/m ³	0.16	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m ³	1.2	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
95-63-6	1,2,4-Trimethylbenzene	10		ug/m ³	0.82	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
106-93-4	1,2-Dibromoethane	ND		ug/m ³	1.3	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
95-50-1	1,2-Dichlorobenzene	ND		ug/m ³	1.0	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
107-06-2	1,2-Dichloroethane	ND		ug/m ³	0.67	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
78-87-5	1,2-Dichloropropane	ND		ug/m ³	0.77	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m ³	1.2	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
108-67-8	1,3,5-Trimethylbenzene	3.1		ug/m ³	0.82	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
106-99-0	1,3-Butadiene	ND		ug/m ³	1.1	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
541-73-1	1,3-Dichlorobenzene	ND		ug/m ³	1.0	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
142-28-9	* 1,3-Dichloropropane	ND		ug/m ³	0.77	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ
106-46-7	1,4-Dichlorobenzene	ND		ug/m ³	1.0	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
123-91-1	1,4-Dioxane	ND		ug/m ³	1.2	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
78-93-3	2-Butanone	88		ug/m ³	0.49	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
591-78-6	* 2-Hexanone	ND		ug/m ³	1.4	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ



Sample Information

Client Sample ID: SV3_121120

York Sample ID: 20L0709-03

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:03 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m ³	2.6	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
108-10-1	4-Methyl-2-pentanone	ND		ug/m ³	0.68	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
67-64-1	Acetone	47		ug/m ³	0.79	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
107-13-1	Acrylonitrile	ND		ug/m ³	0.36	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
71-43-2	Benzene	6.6		ug/m ³	0.53	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
100-44-7	Benzyl chloride	ND		ug/m ³	0.86	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-27-4	Bromodichloromethane	ND		ug/m ³	1.1	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-25-2	Bromoform	ND		ug/m ³	1.7	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
74-83-9	Bromomethane	ND		ug/m ³	0.65	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-15-0	Carbon disulfide	24		ug/m ³	0.52	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
56-23-5	Carbon tetrachloride	ND		ug/m ³	0.26	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
108-90-7	Chlorobenzene	ND		ug/m ³	0.77	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-00-3	Chloroethane	ND		ug/m ³	0.44	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
67-66-3	Chloroform	4.3		ug/m ³	0.81	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
74-87-3	Chloromethane	ND		ug/m ³	0.34	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m ³	0.16	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
110-82-7	Cyclohexane	1.7		ug/m ³	0.57	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
124-48-1	Dibromochloromethane	ND		ug/m ³	1.4	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-71-8	Dichlorodifluoromethane	2.1		ug/m ³	0.82	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
141-78-6	* Ethyl acetate	ND		ug/m ³	1.2	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ
100-41-4	Ethyl Benzene	56		ug/m ³	0.72	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ



Sample Information

Client Sample ID: SV3_121120

York Sample ID: 20L0709-03

York Project (SDG) No.
20L0709

Client Project ID
190064301

Matrix
Soil Vapor

Collection Date/Time
December 11, 2020 2:03 pm

Date Received
12/12/2020

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m ³	1.8	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
67-63-0	Isopropanol	14		ug/m ³	0.82	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
80-62-6	Methyl Methacrylate	ND		ug/m ³	0.68	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m ³	0.60	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-09-2	Methylene chloride	14		ug/m ³	1.2	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
142-82-5	n-Heptane	250		ug/m ³	0.68	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
110-54-3	n-Hexane	8.3		ug/m ³	0.59	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
95-47-6	o-Xylene	38		ug/m ³	0.72	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
179601-23-1	p- & m- Xylenes	130		ug/m ³	1.4	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
622-96-8	* p-Ethyltoluene	8.3		ug/m ³	0.82	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ
115-07-1	* Propylene	190		ug/m ³	2.9	16.63	EPA TO-15 Certifications:	12/11/2020 17:00	12/12/2020 06:14	LLJ
100-42-5	Styrene	ND		ug/m ³	0.71	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
127-18-4	Tetrachloroethylene	6.2		ug/m ³	1.1	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
109-99-9	* Tetrahydrofuran	ND		ug/m ³	0.98	1.663	EPA TO-15 Certifications:	12/14/2020 09:00	12/14/2020 17:41	LLJ
108-88-3	Toluene	8.0		ug/m ³	0.63	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m ³	0.66	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m ³	0.75	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
79-01-6	Trichloroethylene	ND		ug/m ³	0.22	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-69-4	Trichlorofluoromethane (Freon 11)	1.2		ug/m ³	0.93	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
108-05-4	Vinyl acetate	ND		ug/m ³	0.59	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
593-60-2	Vinyl bromide	ND		ug/m ³	0.73	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ
75-01-4	Vinyl Chloride	ND		ug/m ³	0.21	1.663	EPA TO-15 Certifications: NELAC-NY12058,NJDEP-Queens	12/14/2020 09:00	12/14/2020 17:41	LLJ



Sample Information

Client Sample ID: SV3_121120

York Sample ID: 20L0709-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0709

190064301

Soil Vapor

December 11, 2020 2:03 pm

12/12/2020



Analytical Batch Summary

Batch ID: BL00831 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20L0709-03RE1	SV3_121120	12/11/20
BL00831-BLK1	Blank	12/11/20
BL00831-BS1	LCS	12/11/20

Batch ID: BL00832 **Preparation Method:** EPA TO15 PREP **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
20L0709-01	SV4_121120	12/14/20
20L0709-02	SV5_121120	12/14/20
20L0709-03	SV3_121120	12/14/20
BL00832-BLK1	Blank	12/14/20
BL00832-BS1	LCS	12/14/20



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00831 - EPA TO15 PREP

Blank (BL00831-BLK1)	Blank	Prepared: 12/11/2020 Analyzed: 12/12/2020									
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00831 - EPA TO15 PREP

Blank (BL00831-BLK1)	Blank										Prepared: 12/11/2020 Analyzed: 12/12/2020
n-Hexane	ND	0.35	ug/m ³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

LCS (BL00831-BS1)	LCS										Prepared & Analyzed: 12/11/2020
1,1,1,2-Tetrachloroethane	9.27		ppbv	10.0		92.7	70-130				
1,1,1-Trichloroethane	11.7		"	10.0		117	70-130				
1,1,2,2-Tetrachloroethane	7.84		"	10.0		78.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.4		"	10.0		114	70-130				
1,1,2-Trichloroethane	8.02		"	10.0		80.2	70-130				
1,1-Dichloroethane	9.67		"	10.0		96.7	70-130				
1,1-Dichloroethylene	9.75		"	10.0		97.5	70-130				
1,2,4-Trichlorobenzene	9.63		"	10.0		96.3	70-130				
1,2,4-Trimethylbenzene	9.43		"	10.0		94.3	70-130				
1,2-Dibromoethane	8.73		"	10.0		87.3	70-130				
1,2-Dichlorobenzene	10.6		"	10.0		106	70-130				
1,2-Dichloroethane	10.3		"	10.0		103	70-130				
1,2-Dichloropropane	6.89		"	10.0		68.9	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	7.44		"	10.0		74.4	70-130				
1,3,5-Trimethylbenzene	9.10		"	10.0		91.0	70-130				
1,3-Butadiene	7.24		"	10.0		72.4	70-130				
1,3-Dichlorobenzene	11.3		"	10.0		113	70-130				
1,3-Dichloropropane	7.60		"	10.0		76.0	70-130				
1,4-Dichlorobenzene	11.8		"	10.0		118	70-130				
1,4-Dioxane	8.02		"	10.0		80.2	70-130				
2-Butanone	8.85		"	10.0		88.5	70-130				
2-Hexanone	7.20		"	10.0		72.0	70-130				
3-Chloropropene	9.44		"	10.0		94.4	70-130				
4-Methyl-2-pentanone	6.66		"	10.0		66.6	70-130	Low Bias			
Acetone	10.9		"	10.0		109	70-130				
Acrylonitrile	9.28		"	10.0		92.8	70-130				
Benzene	10.2		"	10.0		102	70-130				
Benzyl chloride	8.71		"	10.0		87.1	70-130				
Bromodichloromethane	7.85		"	10.0		78.5	70-130				
Bromoform	11.5		"	10.0		115	70-130				
Bromomethane	7.55		"	10.0		75.5	70-130				
Carbon disulfide	10.4		"	10.0		104	70-130				
Carbon tetrachloride	13.1		"	10.0		131	70-130	High Bias			



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00831 - EPA TO15 PREP

LCS (BL00831-BS1)	LCS	Prepared & Analyzed: 12/11/2020									
Chlorobenzene	8.77		ppbv	10.0		87.7	70-130				
Chloroethane	9.91		"	10.0		99.1	70-130				
Chloroform	10.6		"	10.0		106	70-130				
Chloromethane	8.21		"	10.0		82.1	70-130				
cis-1,2-Dichloroethylene	9.86		"	10.0		98.6	70-130				
cis-1,3-Dichloropropylene	8.01		"	10.0		80.1	70-130				
Cyclohexane	9.74		"	10.0		97.4	70-130				
Dibromochloromethane	9.47		"	10.0		94.7	70-130				
Dichlorodifluoromethane	10.2		"	10.0		102	70-130				
Ethyl acetate	8.75		"	10.0		87.5	70-130				
Ethyl Benzene	8.41		"	10.0		84.1	70-130				
Hexachlorobutadiene	11.8		"	10.0		118	70-130				
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	7.85		"	10.0		78.5	70-130				
Methyl tert-butyl ether (MTBE)	11.4		"	10.0		114	70-130				
Methylene chloride	10.8		"	10.0		108	70-130				
n-Heptane	9.42		"	10.0		94.2	70-130				
n-Hexane	9.86		"	10.0		98.6	70-130				
o-Xylene	8.80		"	10.0		88.0	70-130				
p- & m- Xylenes	17.3		"	20.0		86.6	70-130				
p-Ethyltoluene	9.61		"	10.0		96.1	70-130				
Propylene	8.01		"	10.0		80.1	70-130				
Styrene	9.53		"	10.0		95.3	70-130				
Tetrachloroethylene	9.54		"	10.0		95.4	70-130				
Tetrahydrofuran	8.93		"	10.0		89.3	70-130				
Toluene	7.94		"	10.0		79.4	70-130				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	70-130				
trans-1,3-Dichloropropylene	8.30		"	10.0		83.0	70-130				
Trichloroethylene	8.47		"	10.0		84.7	70-130				
Trichlorofluoromethane (Freon 11)	11.5		"	10.0		115	70-130				
Vinyl acetate	8.82		"	10.0		88.2	70-130				
Vinyl bromide	12.4		"	10.0		124	70-130				
Vinyl Chloride	7.71		"	10.0		77.1	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00832 - EPA TO15 PREP

Blank (BL00832-BLK1)	Blank										Prepared & Analyzed: 12/14/2020
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m ³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	ND	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	ND	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								
n-Hexane	ND	0.35	"								



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00832 - EPA TO15 PREP

Blank (BL00832-BLK1)	Blank		Prepared & Analyzed: 12/14/2020								
o-Xylene	ND	0.43	ug/m ³								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								

LCS (BL00832-BS1)	LCS		Prepared & Analyzed: 12/14/2020								
1,1,1,2-Tetrachloroethane	8.86		ppbv	10.0		88.6	70-130				
1,1,1-Trichloroethane	11.2		"	10.0		112	70-130				
1,1,2,2-Tetrachloroethane	7.87		"	10.0		78.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	70-130				
1,1,2-Trichloroethane	7.95		"	10.0		79.5	70-130				
1,1-Dichloroethane	9.40		"	10.0		94.0	70-130				
1,1-Dichloroethylene	9.50		"	10.0		95.0	70-130				
1,2,4-Trichlorobenzene	9.56		"	10.0		95.6	70-130				
1,2,4-Trimethylbenzene	9.28		"	10.0		92.8	70-130				
1,2-Dibromoethane	8.59		"	10.0		85.9	70-130				
1,2-Dichlorobenzene	10.5		"	10.0		105	70-130				
1,2-Dichloroethane	9.90		"	10.0		99.0	70-130				
1,2-Dichloropropane	6.96		"	10.0		69.6	70-130	Low Bias			
1,2-Dichlorotetrafluoroethane	7.43		"	10.0		74.3	70-130				
1,3,5-Trimethylbenzene	9.03		"	10.0		90.3	70-130				
1,3-Butadiene	7.86		"	10.0		78.6	70-130				
1,3-Dichlorobenzene	10.9		"	10.0		109	70-130				
1,3-Dichloropropane	7.53		"	10.0		75.3	70-130				
1,4-Dichlorobenzene	11.4		"	10.0		114	70-130				
1,4-Dioxane	7.99		"	10.0		79.9	70-130				
2-Butanone	8.85		"	10.0		88.5	70-130				
2-Hexanone	7.47		"	10.0		74.7	70-130				
3-Chloropropene	9.37		"	10.0		93.7	70-130				
4-Methyl-2-pentanone	6.75		"	10.0		67.5	70-130	Low Bias			
Acetone	10.9		"	10.0		109	70-130				
Acrylonitrile	9.25		"	10.0		92.5	70-130				
Benzene	9.88		"	10.0		98.8	70-130				
Benzyl chloride	8.54		"	10.0		85.4	70-130				
Bromodichloromethane	7.74		"	10.0		77.4	70-130				
Bromoform	11.0		"	10.0		110	70-130				
Bromomethane	6.36		"	10.0		63.6	70-130	Low Bias			
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	12.5		"	10.0		125	70-130				
Chlorobenzene	8.45		"	10.0		84.5	70-130				



Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00832 - EPA TO15 PREP

LCS (BL00832-BS1)	LCS	Prepared & Analyzed: 12/14/2020									
Chloroethane	10.0		ppbv	10.0		100	70-130				
Chloroform	10.4		"	10.0		104	70-130				
Chloromethane	8.53		"	10.0		85.3	70-130				
cis-1,2-Dichloroethylene	9.38		"	10.0		93.8	70-130				
cis-1,3-Dichloropropylene	7.92		"	10.0		79.2	70-130				
Cyclohexane	9.44		"	10.0		94.4	70-130				
Dibromochloromethane	9.20		"	10.0		92.0	70-130				
Dichlorodifluoromethane	10.1		"	10.0		101	70-130				
Ethyl acetate	8.73		"	10.0		87.3	70-130				
Ethyl Benzene	8.20		"	10.0		82.0	70-130				
Hexachlorobutadiene	11.4		"	10.0		114	70-130				
Isopropanol	10.8		"	10.0		108	70-130				
Methyl Methacrylate	7.85		"	10.0		78.5	70-130				
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	70-130				
Methylene chloride	10.8		"	10.0		108	70-130				
n-Heptane	9.46		"	10.0		94.6	70-130				
n-Hexane	9.60		"	10.0		96.0	70-130				
o-Xylene	8.63		"	10.0		86.3	70-130				
p- & m- Xylenes	17.2		"	20.0		85.8	70-130				
p-Ethyltoluene	9.39		"	10.0		93.9	70-130				
Propylene	8.64		"	10.0		86.4	70-130				
Styrene	9.41		"	10.0		94.1	70-130				
Tetrachloroethylene	9.23		"	10.0		92.3	70-130				
Tetrahydrofuran	8.82		"	10.0		88.2	70-130				
Toluene	7.82		"	10.0		78.2	70-130				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	70-130				
trans-1,3-Dichloropropylene	8.10		"	10.0		81.0	70-130				
Trichloroethylene	8.32		"	10.0		83.2	70-130				
Trichlorofluoromethane (Freon 11)	10.9		"	10.0		109	70-130				
Vinyl acetate	8.41		"	10.0		84.1	70-130				
Vinyl bromide	11.9		"	10.0		119	70-130				
Vinyl Chloride	8.22		"	10.0		82.2	70-130				





Sample and Data Qualifiers Relating to This Work Order

TO-LCS-L	The result reported for this compound may be biased low due to its behavior in the analysis batch LCS where it recovered less 70% of the expected value.
TO-LCS-H	The result reported for this compound may be biased high due to its behavior in the analysis batch LCS where it recovered greater than 130% of the expected value.
TO-CCV	The value reported is ESTIMATED for this compound due to its behavior during continuing calibration verification (>30% Difference from initial calibration).

Definitions and Other Explanations

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

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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



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



York Analytical Laboratories, Inc.
120 Research Drive
Stratford, CT 06615
NY 11418

Field Chain-of-Custody Record - AIR

YORK Project No.
2010704

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.
signature binds you to YORK's Standard Terms & Conditions.

Your

Page 2 of 2

YORK
ANALYTICAL LABORATORIES, INC.

clientservices@yorklab.com
www.yorklab.com

YOUR Information

Report To:

Invoice To:

YOUR Project Number

Turn-Around Time

Company: Leaga Environmental
Address: 2 N. Broadway, Suite 900
West Plains, NY

Phone: 212-479-5537
Contact: Senise Armentary
E-mail: senise@leagaenv.com

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Address: 2 N. Broadway, Suite 900
West Plains, NY

Phone: 212-479-5537
Contact: Senise Armentary
E-mail: senise@leagaenv.com

Turn-Around Time
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day)

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Turn-Around Time
RUSH - Next Day
RUSH - Two Day
RUSH - Three Day
RUSH - Four Day
Standard (5-7 Day)

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

Robert Meier

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

Robert Meier

AE - Vapor Extraction Well
Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Summary Report
QA Report
NY ASP A Package
NY ASP B Package
Other:

CT RCP
CT RCP DOA/DUE
NJDEP Reduced Deliv.
NJDEP SRP HazSite

Standard Excel EDD
EQUIS (Standard)
NYSDEC EQUIS

Reporting Units: ug/m³ _____ ppbv _____ ppmv _____

Certified Canisters: Batch _____ Individual _____

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ _____ ppbv _____ ppmv _____

Sample Identification

Date/Time Sampled

Air Matrix

Canister Vacuum Before Sampling (in Hg)

Canister Vacuum After Sampling (in Hg)

Canister ID

Flow Cont. ID

Analysis Requested

SW-121120

12/11/2020 1355

AS

-29.9

-5.00

02081

7084

TO-15 VOCs

SW-121120

1400

AS

-29.9

-5.00

02084

5413

↓

SW-121120

1400

AS

-30.0

-6.00

03801

6804

↓

Comments:

Detection Limits Required

Sampling Media

≤ 1 ug/m³ _____ NYSDEC V1 Limits _____
Routine Survey _____ Other _____

6 Liter Canister
Tedlar Bag

Samples Relinquished by / Company

Date/Time

Samples Received by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Relinquished by / Company

Date/Time

Samples Relinquished by / Company

Leaga Environmental

12/11/2020 1400

Leaga Environmental

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12/11/2020 1400

Leaga Environmental



Technical Report

prepared for:

Langan Engineering & Environmental Services (WP)

707 Westchester Ave.

White Plains NY, 10604

Attention: Jennifer Armstrong

Report Date: 12/21/2020

Client Project ID: 190064301

York Project (SDG) No.: 20L0680



CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037

New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

Report Date: 12/21/2020
Client Project ID: 190064301
York Project (SDG) No.: 20L0680

Langan Engineering & Environmental Services (WP)
707 Westchester Ave.
White Plains NY, 10604
Attention: Jennifer Armstrong

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on December 11, 2020 and listed below. The project was identified as your project: **190064301**.

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>
20L0680-01	SB5_7-8	Soil	12/11/2020	12/11/2020
20L0680-02	SB5_3-4	Soil	12/11/2020	12/11/2020
20L0680-03	SB5_0-1	Soil	12/11/2020	12/11/2020
20L0680-04	SB2_0-1	Soil	12/11/2020	12/11/2020
20L0680-05	SB6_0-1.5	Soil	12/11/2020	12/11/2020
20L0680-06	SB1_0-1	Soil	12/11/2020	12/11/2020
20L0680-07	SB3_0-1	Soil	12/11/2020	12/11/2020
20L0680-08	SB4_14-16	Soil	12/11/2020	12/11/2020
20L0680-09	TMW05_121120	Water	12/11/2020	12/11/2020

General Notes for York Project (SDG) No.: 20L0680

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 12/21/2020





Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:28	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:28	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.2	8.3	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
78-93-3	2-Butanone	0.39	J, B	mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020

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		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
67-64-1	Acetone	ND		mg/kg dry	0.42	0.83	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.42	0.83	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
71-43-2	Benzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
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Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.42	0.83	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
104-51-8	n-Butylbenzene	0.93		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.42	0.83	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
135-98-8	sec-Butylbenzene	2.3		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
100-42-5	Styrene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
108-88-3	Toluene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/17/2020 14:28	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:25 am

Date Received

12/11/2020

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		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.21	0.42	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:28	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.63	1.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:28	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	98.1 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	96.0 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	117 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.
20L0680

Client Project ID
190064301

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Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
83-32-9	Acenaphthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
98-86-2	Acetophenone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
1912-24-9	Atrazine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
65-85-0	Benzoic acid	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
105-60-2	Caprolactam	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
86-74-8	Carbazole	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
218-01-9	Chrysene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020

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		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0944	0.189	2	EPA 8270D Certifications:	12/18/2020 13:29	12/19/2020 20:59	CD
206-44-0	Fluoranthene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
86-73-7	Fluorene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
78-59-1	Isophorone	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
91-20-3	Naphthalene	0.141		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
85-01-8	Phenanthrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
108-95-2	Phenol	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
129-00-0	Pyrene	ND		mg/kg dry	0.0473	0.0944	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 20:59	CD
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	10.9 %	S-04		20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	0.800 %	S-04		23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	104 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	13.5 %	S-04		21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	14.3 %	S-04		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	14.0 %	S-04		24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.00781		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
72-55-9	4,4'-DDE	0.00694		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
50-29-3	4,4'-DDT	0.00546		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 09:56	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0381	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 09:56	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 09:56	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00953	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0964	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 09:56	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	73.7 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	33.8 %					30-150			

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:22	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0192	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 14:22	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	69.5 %					30-140			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:25 am

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:19	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:19	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:19	BJ

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

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10400		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-38-2	Arsenic	2.75		mg/kg dry	1.75	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-39-3	Barium	70.4		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.350	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-70-2	Calcium	13300		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-47-3	Chromium	23.5		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-48-4	Cobalt	11.0		mg/kg dry	0.466	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-50-8	Copper	52.4		mg/kg dry	2.33	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7439-89-6	Iron	21300		mg/kg dry	29.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7439-92-1	Lead	37.6		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7439-95-4	Magnesium	9590		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7439-96-5	Manganese	313		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-02-0	Nickel	23.5		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

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December 11, 2020 9:25 am

Date Received

12/11/2020

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
7440-09-7	Potassium	1780		mg/kg dry	5.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-22-4	Silver	ND		mg/kg dry	0.583	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-23-5	Sodium	429		mg/kg dry	58.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-62-2	Vanadium	41.7		mg/kg dry	1.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM
7440-66-6	Zinc	69.7		mg/kg dry	2.92	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:41	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 01:43	12/19/2020 13:27	BR

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.583	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	23.5		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	85.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 09:39	12/18/2020 18:42	ALH



Sample Information

Client Sample ID: SB5_7-8

York Sample ID: 20L0680-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:40 am

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:07	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:07	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
78-93-3	2-Butanone	0.0045	J, B	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:40 am

Date Received
12/11/2020

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
67-64-1	Acetone	0.0081	Cal-E, J	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:40 am

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 18:07	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:40 am

Date Received
12/11/2020

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:07	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:07	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	116 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	103 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	106 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:40 am

Date Received
12/11/2020

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		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
91-57-6	2-Methylnaphthalene	0.0706	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
83-32-9	Acenaphthene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
208-96-8	Acenaphthylene	0.0973	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
98-86-2	Acetophenone	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
62-53-3	Aniline	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

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December 11, 2020 9:40 am

Date Received
12/11/2020

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	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
1912-24-9	Atrazine	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
92-87-5	Benzidine	ND		mg/kg dry	0.203	0.406	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
56-55-3	Benzo(a)anthracene	0.0584	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
50-32-8	Benzo(a)pyrene	0.116		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
205-99-2	Benzo(b)fluoranthene	0.158		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
191-24-2	Benzo(g,h,i)perylene	0.149		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
207-08-9	Benzo(k)fluoranthene	0.121		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
65-85-0	Benzoic acid	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
105-60-2	Caprolactam	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
86-74-8	Carbazole	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
218-01-9	Chrysene	0.0868	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.
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December 11, 2020 9:40 am

Date Received
12/11/2020

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		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
122-39-4	* Diphenylamine	ND		mg/kg dry	0.101	0.203	2	EPA 8270D Certifications:	12/18/2020 13:29	12/19/2020 21:30	CD
206-44-0	Fluoranthene	0.0933	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
86-73-7	Fluorene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
193-39-5	Indeno(1,2,3-cd)pyrene	0.141		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
78-59-1	Isophorone	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
91-20-3	Naphthalene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
85-01-8	Phenanthrene	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
108-95-2	Phenol	ND		mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
129-00-0	Pyrene	0.0787	J	mg/kg dry	0.0509	0.101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 21:30	CD
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

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December 11, 2020 9:40 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
367-12-4	Surrogate: SURR: 2-Fluorophenol	51.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	51.4 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	54.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	58.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	90.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	68.4 %			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	0.00893		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
72-55-9	4,4'-DDE	0.0102		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/17/2020 11:31	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0399	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/17/2020 11:31	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
72-20-8	Endrin	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM



Sample Information

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Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/17/2020 11:31	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00199	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00997	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.101	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:31	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	23.0 %	S-GC				30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	33.9 %					30-150			

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:35	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 14:35	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.5 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	24.5 %	S-GC				30-140			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:40 am

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0244	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:29	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0244	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:29	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0244	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:29	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (72.2 %		21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	14000		mg/kg dry	6.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-36-0	Antimony	ND		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-38-2	Arsenic	32.6		mg/kg dry	1.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-39-3	Barium	325		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.062	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-43-9	Cadmium	10.6		mg/kg dry	0.374	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-70-2	Calcium	16700		mg/kg dry	6.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-47-3	Chromium	30.9		mg/kg dry	0.623	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-48-4	Cobalt	8.31		mg/kg dry	0.498	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-50-8	Copper	182		mg/kg dry	2.49	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7439-89-6	Iron	26700		mg/kg dry	31.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7439-92-1	Lead	748		mg/kg dry	0.623	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7439-95-4	Magnesium	6090		mg/kg dry	6.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7439-96-5	Manganese	310		mg/kg dry	0.623	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-02-0	Nickel	27.3		mg/kg dry	1.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:40 am

Date Received

12/11/2020

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
7440-09-7	Potassium	744		mg/kg dry	6.23	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7782-49-2	Selenium	ND		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-22-4	Silver	ND		mg/kg dry	0.623	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-23-5	Sodium	447		mg/kg dry	62.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-28-0	Thallium	ND		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-62-2	Vanadium	42.4		mg/kg dry	1.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM
7440-66-6	Zinc	1570		mg/kg dry	3.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:44	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	1.36		mg/kg dry	0.0374	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 01:43	12/19/2020 13:36	BR

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.623	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	30.9		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	80.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 09:39	12/18/2020 18:42	ALH



Sample Information

Client Sample ID: SB5_3-4

York Sample ID: 20L0680-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:40 am

12/11/2020



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:35	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:35	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
78-93-3	2-Butanone	0.0045	J, B	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 9:25 am

12/11/2020

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		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.
20L0680

Client Project ID
190064301

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Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 18:35	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.
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Client Project ID
190064301

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December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 18:35	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 18:35	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	114 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	104 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD



Sample Information

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December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
83-32-9	Acenaphthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
98-86-2	Acetophenone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
62-53-3	Aniline	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.
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December 11, 2020 9:25 am

Date Received
12/11/2020

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	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
1912-24-9	Atrazine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.362	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
50-32-8	Benzo(a)pyrene	0.0470	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
205-99-2	Benzo(b)fluoranthene	0.0506	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
191-24-2	Benzo(g,h,i)perylene	0.0484	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
65-85-0	Benzoic acid	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
105-60-2	Caprolactam	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
86-74-8	Carbazole	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
218-01-9	Chrysene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD



Sample Information

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December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0904	0.181	2	EPA 8270D Certifications:	12/18/2020 13:29	12/19/2020 22:01	CD
206-44-0	Fluoranthene	0.0470	J	mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
86-73-7	Fluorene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
78-59-1	Isophorone	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
91-20-3	Naphthalene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
85-01-8	Phenanthrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
108-95-2	Phenol	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
129-00-0	Pyrene	ND		mg/kg dry	0.0453	0.0904	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 13:29	12/19/2020 22:01	CD
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.4 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	47.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	50.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	54.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	79.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	67.6 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.0201		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
72-55-9	4,4'-DDE	0.167		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
50-29-3	4,4'-DDT	0.271		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:13	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 10:13	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 9:25 am

Date Received
12/11/2020

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		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:13	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00907	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0918	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:13	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	64.9 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	50.7 %								

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	12/16/2020 12:32	12/17/2020 14:49	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 14:49	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 14:49	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	66.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %								

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:25 am

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:40	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:40	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:40	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	66.0 %	21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9380		mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-38-2	Arsenic	9.53		mg/kg dry	1.65	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-39-3	Barium	86.3		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-43-9	Cadmium	1.15		mg/kg dry	0.331	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-70-2	Calcium	33500		mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-47-3	Chromium	18.6		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-48-4	Cobalt	8.99		mg/kg dry	0.441	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-50-8	Copper	54.2		mg/kg dry	2.21	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7439-89-6	Iron	21500		mg/kg dry	27.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7439-92-1	Lead	115		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7439-95-4	Magnesium	20200		mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7439-96-5	Manganese	537		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-02-0	Nickel	20.0		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM



Sample Information

Client Sample ID: SB5_0-1

York Sample ID: 20L0680-03

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 9:25 am

Date Received

12/11/2020

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
7440-09-7	Potassium	1890		mg/kg dry	5.51	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-22-4	Silver	ND		mg/kg dry	0.551	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-23-5	Sodium	100		mg/kg dry	55.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-62-2	Vanadium	23.4		mg/kg dry	1.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM
7440-66-6	Zinc	105		mg/kg dry	2.76	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:54	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0938		mg/kg dry	0.0331	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 01:43	12/19/2020 13:45	BR

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	1.32		mg/kg dry	0.551	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	17.3		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.7		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 09:39	12/18/2020 18:42	ALH



Sample Information

Client Sample ID: **SB5_0-1**

York Sample ID: **20L0680-03**

<u>York Project (SDG) No.</u>	<u>Client Project ID</u>	<u>Matrix</u>	<u>Collection Date/Time</u>	<u>Date Received</u>
20L0680	190064301	Soil	December 11, 2020 9:25 am	12/11/2020



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 2:40 pm

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:02	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:02	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
78-93-3	2-Butanone	0.0058	J, B	mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 2:40 pm

12/11/2020

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		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
67-64-1	Acetone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 2:40 pm

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 19:02	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 2:40 pm

Date Received

12/11/2020

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		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0031	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:02	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0094	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:02	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	102 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	101 %			76-130						

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.
20L0680

Client Project ID
190064301

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Soil

Collection Date/Time
December 11, 2020 2:40 pm

Date Received
12/11/2020

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		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
62-53-3	Aniline	ND		mg/kg dry	1.71	3.43	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 2:40 pm

12/11/2020

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	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
92-87-5	Benzidine	ND		mg/kg dry	1.71	3.43	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
86-74-8	Carbazole	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
218-01-9	Chrysene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 2:40 pm

Date Received
12/11/2020

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		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.856	1.71	10	EPA 8270D Certifications:	12/18/2020 07:43	12/18/2020 20:28	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
86-73-7	Fluorene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
78-59-1	Isophorone	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
108-95-2	Phenol	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
129-00-0	Pyrene	ND		mg/kg dry	0.429	0.856	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:28	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 2:40 pm

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	42.8 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	44.8 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	47.2 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	52.0 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	45.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	74.4 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
50-29-3	4,4'-DDT	0.00667		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:30	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 10:30	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM



Sample Information

Client Sample ID: SB2_0-1

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190064301

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December 11, 2020 2:40 pm

Date Received
12/11/2020

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		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:30	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00861	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0872	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:30	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	51.5 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	48.2 %					30-150			

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:03	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 15:03	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	63.5 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	57.5 %					30-140			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 2:40 pm

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0209	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:51	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0209	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:51	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0209	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 21:51	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	30.2 %	21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7980		mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-38-2	Arsenic	4.64		mg/kg dry	1.58	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-39-3	Barium	59.4		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.315	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-70-2	Calcium	67500		mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-47-3	Chromium	12.5		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-48-4	Cobalt	9.74		mg/kg dry	0.420	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-50-8	Copper	46.9		mg/kg dry	2.10	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7439-89-6	Iron	16100		mg/kg dry	26.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7439-92-1	Lead	53.7		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7439-95-4	Magnesium	37100		mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7439-96-5	Manganese	281		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-02-0	Nickel	15.1		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 2:40 pm

Date Received

12/11/2020

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
7440-09-7	Potassium	1880		mg/kg dry	5.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-22-4	Silver	ND		mg/kg dry	0.525	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-23-5	Sodium	432		mg/kg dry	52.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-62-2	Vanadium	46.1		mg/kg dry	1.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM
7440-66-6	Zinc	57.4		mg/kg dry	2.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:56	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0315	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 01:43	12/19/2020 13:54	BR

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.525	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.5		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.2		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 16:25	12/18/2020 16:28	KHA



Sample Information

Client Sample ID: SB2_0-1

York Sample ID: 20L0680-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 2:40 pm

12/11/2020



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 1:45 pm

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:30	TMP
79-00-5	1,1,2-Trichloroethane	0.0082		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:30	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
107-06-2	1,2-Dichloroethane	0.0025	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
78-93-3	2-Butanone	0.0043	J, B	mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 1:45 pm

12/11/2020

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
67-64-1	Acetone	0.0076	Cal-E, J	mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 1:45 pm

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
79-20-9	Methyl acetate	0.0053		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 19:30	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
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Collection Date/Time
December 11, 2020 1:45 pm

Date Received
12/11/2020

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		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:30	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:30	TMP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %		77-125							
2037-26-5	Surrogate: SURR: Toluene-d8	102 %		85-120							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %		76-130							

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

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190064301

Soil

December 11, 2020 1:45 pm

12/11/2020

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		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
83-32-9	Acenaphthene	0.0578	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
208-96-8	Acenaphthylene	0.0671	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
62-53-3	Aniline	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
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Collection Date/Time
December 11, 2020 1:45 pm

Date Received
12/11/2020

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	0.258		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
92-87-5	Benzidine	ND		mg/kg dry	0.196	0.391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
56-55-3	Benzo(a)anthracene	1.34		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
50-32-8	Benzo(a)pyrene	1.38		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
205-99-2	Benzo(b)fluoranthene	1.28		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
191-24-2	Benzo(g,h,i)perylene	0.891		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
207-08-9	Benzo(k)fluoranthene	1.19		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
117-81-7	Bis(2-ethylhexyl)phthalate	0.0765	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
86-74-8	Carbazole	0.0960	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
218-01-9	Chrysene	1.36		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
53-70-3	Dibenzo(a,h)anthracene	0.279		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

20L0680

Client Project ID

190064301

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Collection Date/Time

December 11, 2020 1:45 pm

Date Received

12/11/2020

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		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0977	0.195	2	EPA 8270D Certifications:	12/18/2020 07:43	12/18/2020 20:59	KH
206-44-0	Fluoranthene	2.39		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
86-73-7	Fluorene	0.0648	J	mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.984		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
85-01-8	Phenanthrene	1.12		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
108-95-2	Phenol	ND		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
129-00-0	Pyrene	2.62		mg/kg dry	0.0490	0.0977	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 20:59	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 1:45 pm

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	47.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	49.8 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	52.0 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	55.9 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	74.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	86.4 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
50-29-3	4,4'-DDT	0.0126		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:47	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 10:47	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 1:45 pm

Date Received
12/11/2020

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		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 10:47	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00963	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0975	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 10:47	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	33.5 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	27.9 %	S-GC				30-150			

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:16	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 15:16	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	47.0 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	33.5 %					30-140			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

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Collection Date/Time

December 11, 2020 1:45 pm

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0235	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:02	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0235	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:02	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0235	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:02	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	47.2 %	21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	4700		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-38-2	Arsenic	4.77		mg/kg dry	1.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-39-3	Barium	154		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-43-9	Cadmium	0.783		mg/kg dry	0.356	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-70-2	Calcium	38000		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-47-3	Chromium	11.8		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-48-4	Cobalt	4.69		mg/kg dry	0.475	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-50-8	Copper	47.7		mg/kg dry	2.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7439-89-6	Iron	11400		mg/kg dry	29.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7439-92-1	Lead	366		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7439-95-4	Magnesium	17000		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7439-96-5	Manganese	189		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-02-0	Nickel	18.6		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 1:45 pm

Date Received

12/11/2020

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
7440-09-7	Potassium	702		mg/kg dry	5.93	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7782-49-2	Selenium	7.50		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-22-4	Silver	ND		mg/kg dry	0.593	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-23-5	Sodium	164		mg/kg dry	59.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-62-2	Vanadium	20.3		mg/kg dry	1.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM
7440-66-6	Zinc	175		mg/kg dry	2.97	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 14:59	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.184		mg/kg dry	0.0356	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 14:17	12/19/2020 15:43	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.593	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	11.8		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.3		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 16:25	12/18/2020 16:28	KHA



Sample Information

Client Sample ID: SB6_0-1.5

York Sample ID: 20L0680-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 1:45 pm

12/11/2020



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

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Soil

December 11, 2020 3:00 pm

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:57	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:57	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.089	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
78-93-3	2-Butanone	0.0038	J, B	mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
67-64-1	Acetone	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	0.0032	J	mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
95-47-6	o-Xylene	0.0039	J	mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
179601-23-1	p- & m- Xylenes	0.012		mg/kg dry	0.0044	0.0089	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 19:57	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 19:57	TMP
1330-20-7	Xylenes, Total	0.016		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 19:57	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	117 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
62-53-3	Aniline	ND		mg/kg dry	1.79	3.58	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
92-87-5	Benzidine	ND		mg/kg dry	1.79	3.58	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
86-74-8	Carbazole	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
218-01-9	Chrysene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.893	1.78	10	EPA 8270D Certifications:	12/18/2020 07:43	12/18/2020 21:30	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
86-73-7	Fluorene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
78-59-1	Isophorone	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
108-95-2	Phenol	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
129-00-0	Pyrene	ND		mg/kg dry	0.448	0.893	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 21:30	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	39.6 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	39.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	38.4 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	48.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	44.4 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	62.4 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 11:03	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 11:03	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 11:03	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00884	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0894	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:03	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	36.9 %								
877-09-8	Surrogate: Tetrachloro-m-xylene	34.2 %								

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:30	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 15:30	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	45.5 %								
2051-24-3	Surrogate: Decachlorobiphenyl	41.0 %								

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 3:00 pm

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0213	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/17/2020 16:59	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0213	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/17/2020 16:59	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0213	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/17/2020 16:59	BJ

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (	24.2 %	21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9080		mg/kg dry	5.43	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-36-0	Antimony	4.95		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-38-2	Arsenic	6.24		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-39-3	Barium	84.2		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-43-9	Cadmium	0.416		mg/kg dry	0.326	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-70-2	Calcium	90600		mg/kg dry	5.43	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-47-3	Chromium	15.9		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-48-4	Cobalt	10.1		mg/kg dry	0.434	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-50-8	Copper	58.1		mg/kg dry	2.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7439-89-6	Iron	18500		mg/kg dry	27.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7439-92-1	Lead	1890		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7439-95-4	Magnesium	18200		mg/kg dry	5.43	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7439-96-5	Manganese	259		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-02-0	Nickel	20.5		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 3:00 pm

Date Received
12/11/2020

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
7440-09-7	Potassium	2280		mg/kg dry	5.43	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-22-4	Silver	ND		mg/kg dry	0.543	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-23-5	Sodium	535		mg/kg dry	54.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-62-2	Vanadium	111		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM
7440-66-6	Zinc	62.0		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:02	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.0522		mg/kg dry	0.0326	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 14:17	12/19/2020 15:52	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.543	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	15.9		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 16:25	12/18/2020 16:28	KHA



Sample Information

Client Sample ID: SB1_0-1

York Sample ID: 20L0680-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 3:00 pm

12/11/2020



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 11:45 am

12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 20:25	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 20:25	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
78-93-3	2-Butanone	0.0049	J, B	mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
67-64-1	Acetone	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/16/2020 20:25	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.

Client Project ID

Matrix

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20L0680

190064301

Soil

December 11, 2020 11:45 am

12/11/2020

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		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/16/2020 20:25	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/16/2020 20:25	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	120 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	103 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

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Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
62-53-3	Aniline	ND		mg/kg dry	0.187	0.373	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

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Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.373	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
56-55-3	Benzo(a)anthracene	0.126		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
50-32-8	Benzo(a)pyrene	0.113		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
205-99-2	Benzo(b)fluoranthene	0.116		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
191-24-2	Benzo(g,h,i)perylene	0.0931	J	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
207-08-9	Benzo(k)fluoranthene	0.104		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
218-01-9	Chrysene	0.137		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
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190064301

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Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0932	0.186	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
206-44-0	Fluoranthene	0.167		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
193-39-5	Indeno(1,2,3-cd)pyrene	0.0954		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
85-01-8	Phenanthrene	0.0641	J	mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
108-95-2	Phenol	ND		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
129-00-0	Pyrene	0.231		mg/kg dry	0.0467	0.0932	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:01	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:45 am

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.2 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	59.0 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	64.8 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	69.1 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	75.7 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	90.4 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
5103-71-9	alpha-Chlordane	0.0103		mg/kg dry	0.00187	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 11:20	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
57-74-9	Chlordane, total	0.115		mg/kg dry	0.0375	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/18/2020 11:20	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.
20L0680

Client Project ID
190064301

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December 11, 2020 11:45 am

Date Received
12/11/2020

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		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
5566-34-7	gamma-Chlordane	0.00803		mg/kg dry	0.00187	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/18/2020 11:20	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00187	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00937	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0949	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/18/2020 11:20	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	46.3 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	35.7 %					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	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:44	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 15:44	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	56.0 %					30-140			
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %					30-140			

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.

20L0680

Client Project ID

190064301

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December 11, 2020 11:45 am

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Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:23	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:23	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 06:33	12/16/2020 22:23	BJ

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 Surrogate: 2,4-Dichlorophenylacetic acid (	39.4 %	21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	5480		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-38-2	Arsenic	5.75		mg/kg dry	1.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-39-3	Barium	72.4		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.344	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-70-2	Calcium	88800		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-47-3	Chromium	12.7		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-48-4	Cobalt	5.32		mg/kg dry	0.459	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-50-8	Copper	40.0		mg/kg dry	2.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7439-89-6	Iron	8590		mg/kg dry	28.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7439-92-1	Lead	229		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7439-95-4	Magnesium	51900		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7439-96-5	Manganese	199		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-02-0	Nickel	13.1		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.

20L0680

Client Project ID

190064301

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Soil

Collection Date/Time

December 11, 2020 11:45 am

Date Received

12/11/2020

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
7440-09-7	Potassium	1740		mg/kg dry	5.74	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7782-49-2	Selenium	14.8		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-23-5	Sodium	224		mg/kg dry	57.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-62-2	Vanadium	23.4		mg/kg dry	1.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM
7440-66-6	Zinc	50.4		mg/kg dry	2.87	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:05	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.202		mg/kg dry	0.0344	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 14:17	12/19/2020 16:00	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	12.7		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 16:25	12/18/2020 16:28	KHA



Sample Information

Client Sample ID: SB3_0-1

York Sample ID: 20L0680-07

York Project (SDG) No.

Client Project ID

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Soil

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Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

Client Project ID

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12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:54	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:54	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	22	44	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
78-93-3	2-Butanone	2.0	J, B	mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 11:00 am

12/11/2020

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		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
67-64-1	Acetone	ND		mg/kg dry	2.2	4.4	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
107-02-8	Acrolein	ND		mg/kg dry	2.2	4.4	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
71-43-2	Benzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-25-2	Bromoform	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
74-83-9	Bromomethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-00-3	Chloroethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
67-66-3	Chloroform	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
74-87-3	Chloromethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
110-82-7	Cyclohexane	3.8		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:00 am

Date Received
12/11/2020

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
100-41-4	Ethyl Benzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
98-82-8	Isopropylbenzene	16		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
108-87-2	Methylcyclohexane	76		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	2.2	4.4	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
104-51-8	n-Butylbenzene	11		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
103-65-1	n-Propylbenzene	69		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
95-47-6	o-Xylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	2.2	4.4	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
135-98-8	sec-Butylbenzene	7.2		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
100-42-5	Styrene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
108-88-3	Toluene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
110-57-6	* trans-1,4-dichloro-2-butene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH	12/16/2020 06:47	12/17/2020 14:54	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 11:00 am

12/11/2020

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		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	1.1	2.2	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/16/2020 06:47	12/17/2020 14:54	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	3.3	6.7	500	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/16/2020 06:47	12/17/2020 14:54	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	95.1 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	117 %	76-130								

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 11:00 am

12/11/2020

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		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
91-57-6	2-Methylnaphthalene	4.23		mg/kg dry	0.111	0.222	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/19/2020 21:36	KH
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
83-32-9	Acenaphthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
98-86-2	Acetophenone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
62-53-3	Aniline	ND		mg/kg dry	0.178	0.355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:00 am

Date Received
12/11/2020

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	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
1912-24-9	Atrazine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
92-87-5	Benzidine	ND		mg/kg dry	0.178	0.355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
65-85-0	Benzoic acid	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
105-60-2	Caprolactam	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
86-74-8	Carbazole	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
218-01-9	Chrysene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH



Sample Information

Client Sample ID: SB4_14-16

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Soil

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December 11, 2020 11:00 am

Date Received
12/11/2020

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		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
122-39-4	* Diphenylamine	ND		mg/kg dry	0.0888	0.177	2	EPA 8270D Certifications:	12/18/2020 07:43	12/18/2020 22:32	KH
206-44-0	Fluoranthene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
86-73-7	Fluorene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
78-59-1	Isophorone	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
91-20-3	Naphthalene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
85-01-8	Phenanthrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
108-95-2	Phenol	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
129-00-0	Pyrene	ND		mg/kg dry	0.0445	0.0888	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/18/2020 07:43	12/18/2020 22:32	KH
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Soil

Collection Date/Time
December 11, 2020 11:00 am

Date Received
12/11/2020

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
367-12-4	Surrogate: SURR: 2-Fluorophenol	58.5 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	57.9 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	78.1 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	66.7 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	69.9 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	103 %			24-116						

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/17/2020 11:47	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	12/16/2020 12:32	12/17/2020 11:47	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM



Sample Information

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December 11, 2020 11:00 am

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12/11/2020

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		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	12/16/2020 12:32	12/17/2020 11:47	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00896	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0906	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 11:47	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	58.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	53.8 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	12/16/2020 12:32	12/17/2020 15:57	BJ
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications:	12/16/2020 12:32	12/17/2020 15:57	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	59.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	54.0 %		30-140						

Herbicides, Target List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

20L0680

Client Project ID

190064301

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December 11, 2020 11:00 am

Date Received

12/11/2020

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 08:04	12/15/2020 23:42	BJ
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 08:04	12/15/2020 23:42	BJ
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 08:04	12/15/2020 23:42	BJ

Surrogate Recoveries	Result	Acceptance Range
19719-28-9 Surrogate: 2,4-Dichlorophenylacetic acid (. 80.0 %		21-150

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	10600		mg/kg dry	5.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-36-0	Antimony	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-38-2	Arsenic	ND		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-39-3	Barium	127		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-43-9	Cadmium	ND		mg/kg dry	0.327	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-70-2	Calcium	3200		mg/kg dry	5.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-47-3	Chromium	16.3		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-48-4	Cobalt	5.44		mg/kg dry	0.436	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-50-8	Copper	35.0		mg/kg dry	2.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7439-89-6	Iron	15200		mg/kg dry	27.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7439-92-1	Lead	2.45		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7439-95-4	Magnesium	2390		mg/kg dry	5.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7439-96-5	Manganese	152		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-02-0	Nickel	16.2		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Soil

Collection Date/Time

December 11, 2020 11:00 am

Date Received

12/11/2020

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
7440-09-7	Potassium	373		mg/kg dry	5.45	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7782-49-2	Selenium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-22-4	Silver	ND		mg/kg dry	0.545	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-23-5	Sodium	293		mg/kg dry	54.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-28-0	Thallium	ND		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-62-2	Vanadium	26.0		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM
7440-66-6	Zinc	11.8		mg/kg dry	2.72	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 15:09	12/19/2020 15:08	WJM

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0327	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	12/19/2020 14:17	12/19/2020 16:09	MAO

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.545	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	12/17/2020 14:25	12/17/2020 23:03	ZTS

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.3		mg/kg	0.500	1	Calculation Certifications:	12/18/2020 15:24	12/21/2020 15:19	PAM

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.8		%	0.100	1	SM 2540G Certifications: CTDOH	12/18/2020 16:25	12/18/2020 16:28	KHA



Sample Information

Client Sample ID: SB4_14-16

York Sample ID: 20L0680-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20L0680

190064301

Soil

December 11, 2020 11:00 am

12/11/2020



Sample Information

Client Sample ID: TMW05_121120

York Sample ID: 20L0680-09

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Water

Collection Date/Time
December 11, 2020 1:00 pm

Date Received
12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
78-93-3	2-Butanone	7.8	Cal-E	ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP



Sample Information

Client Sample ID: TMW05_121120

York Sample ID: 20L0680-09

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Water

Collection Date/Time
December 11, 2020 1:00 pm

Date Received
12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
67-64-1	Acetone	53		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
110-82-7	Cyclohexane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP



Sample Information

Client Sample ID: TMW05_121120

York Sample ID: 20L0680-09

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Water

Collection Date/Time
December 11, 2020 1:00 pm

Date Received
12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	5.5		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
98-82-8	Isopropylbenzene	14		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
108-87-2	Methylcyclohexane	160		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
104-51-8	n-Butylbenzene	110		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
103-65-1	n-Propylbenzene	32		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
95-47-6	o-Xylene	6.6		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
179601-23-1	p- & m- Xylenes	19		ug/L	5.0	10	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
99-87-6	p-Isopropyltoluene	24		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
135-98-8	sec-Butylbenzene	150		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
100-42-5	Styrene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	10	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
98-06-6	tert-Butylbenzene	20		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
127-18-4	Tetrachloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
108-88-3	Toluene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/18/2020 06:02	12/19/2020 17:46	TMP
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP



Sample Information

Client Sample ID: TMW05_121120

York Sample ID: 20L0680-09

York Project (SDG) No.
20L0680

Client Project ID
190064301

Matrix
Water

Collection Date/Time
December 11, 2020 1:00 pm

Date Received
12/11/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
75-01-4	Vinyl Chloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	12/18/2020 06:02	12/19/2020 17:46	TMP
1330-20-7	Xylenes, Total	26		ug/L	6.0	15	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	12/18/2020 06:02	12/19/2020 17:46	TMP
Surrogate Recoveries		Result		Acceptance Range							
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	57.0 %	S-03	69-130							
2037-26-5	Surrogate: SURR: Toluene-d8	105 %		81-117							
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	103 %		79-122							

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-39-3	Barium	0.0986		mg/L	0.0250	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-70-2	Calcium	35.6		mg/L	0.0500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-47-3	Chromium	ND		mg/L	0.00500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-48-4	Cobalt	ND		mg/L	0.00400	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-50-8	Copper	ND		mg/L	0.0200	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7439-89-6	Iron	7.53		mg/L	0.250	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7439-92-1	Lead	ND		mg/L	0.00500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7439-95-4	Magnesium	7.66		mg/L	0.0500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7439-96-5	Manganese	1.57		mg/L	0.00500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-02-0	Nickel	ND		mg/L	0.0100	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-09-7	Potassium	4.45		mg/L	0.0500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-22-4	Silver	ND		mg/L	0.00500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM



Sample Information

Client Sample ID: TMW05_121120

York Sample ID: 20L0680-09

York Project (SDG) No.

20L0680

Client Project ID

190064301

Matrix

Water

Collection Date/Time

December 11, 2020 1:00 pm

Date Received

12/11/2020

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-23-5	Sodium	7.54		mg/L	0.500	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-62-2	Vanadium	ND		mg/L	0.0100	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM
7440-66-6	Zinc	ND		mg/L	0.0250	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:22	12/19/2020 12:53	WJM

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00100	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML
7440-38-2	Arsenic	0.00138		mg/L	0.00100	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML
7440-41-7	Beryllium	ND		mg/L	0.000300	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML
7440-43-9	Cadmium	ND		mg/L	0.000500	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML
7782-49-2	Selenium	ND		mg/L	0.00100	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML
7440-28-0	Thallium	ND		mg/L	0.00100	1	EPA 6020B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/15/2020 10:19	12/18/2020 17:28	BML

Mercury, Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470 Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	12/21/2020 15:51	12/21/2020 15:51	AA



Analytical Batch Summary

Batch ID: BL00846 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-08	SB4_14-16	12/15/20
BL00846-BLK1	Blank	12/15/20
BL00846-BS1	LCS	12/15/20

Batch ID: BL00867 **Preparation Method:** EPA 3015A **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-09	TMW05_121120	12/15/20
BL00867-BLK1	Blank	12/15/20
BL00867-BS1	LCS	12/15/20

Batch ID: BL00868 **Preparation Method:** EPA 3015A **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-09	TMW05_121120	12/15/20
BL00868-BLK1	Blank	12/15/20
BL00868-BS1	LCS	12/15/20

Batch ID: BL00894 **Preparation Method:** EPA 3050B **Prepared By:** OT

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/15/20
20L0680-02	SB5_3-4	12/15/20
20L0680-03	SB5_0-1	12/15/20
20L0680-04	SB2_0-1	12/15/20
20L0680-05	SB6_0-1.5	12/15/20
20L0680-06	SB1_0-1	12/15/20
20L0680-07	SB3_0-1	12/15/20
20L0680-08	SB4_14-16	12/15/20
BL00894-BLK1	Blank	12/15/20
BL00894-SRM1	Reference	12/15/20

Batch ID: BL00937 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/16/20
20L0680-02	SB5_3-4	12/16/20
20L0680-03	SB5_0-1	12/16/20
20L0680-04	SB2_0-1	12/16/20
20L0680-05	SB6_0-1.5	12/16/20
20L0680-06	SB1_0-1	12/16/20
20L0680-07	SB3_0-1	12/16/20
BL00937-BLK1	Blank	12/16/20



BL00937-BS1

LCS

12/16/20

Batch ID: BL00959**Preparation Method:** EPA 3550C**Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/16/20
20L0680-01	SB5_7-8	12/16/20
20L0680-02	SB5_3-4	12/16/20
20L0680-02	SB5_3-4	12/16/20
20L0680-03	SB5_0-1	12/16/20
20L0680-03	SB5_0-1	12/16/20
20L0680-04	SB2_0-1	12/16/20
20L0680-04	SB2_0-1	12/16/20
20L0680-05	SB6_0-1.5	12/16/20
20L0680-05	SB6_0-1.5	12/16/20
20L0680-06	SB1_0-1	12/16/20
20L0680-06	SB1_0-1	12/16/20
20L0680-07	SB3_0-1	12/16/20
20L0680-07	SB3_0-1	12/16/20
20L0680-08	SB4_14-16	12/16/20
20L0680-08	SB4_14-16	12/16/20
BL00959-BLK1	Blank	12/16/20
BL00959-BLK2	Blank	12/16/20
BL00959-BS1	LCS	12/16/20
BL00959-BS2	LCS	12/16/20
BL00959-MS2	Matrix Spike	12/16/20
BL00959-MSD2	Matrix Spike Dup	12/16/20

Batch ID: BL00984**Preparation Method:** EPA 5035A**Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-02	SB5_3-4	12/16/20
20L0680-03	SB5_0-1	12/16/20
20L0680-04	SB2_0-1	12/16/20
20L0680-05	SB6_0-1.5	12/16/20
20L0680-06	SB1_0-1	12/16/20
20L0680-07	SB3_0-1	12/16/20
BL00984-BLK1	Blank	12/16/20
BL00984-BLK2	Blank	12/16/20
BL00984-BLK3	Blank	12/16/20
BL00984-BLK4	Blank	12/16/20
BL00984-BS1	LCS	12/16/20
BL00984-BSD1	LCS Dup	12/16/20

Batch ID: BL01034**Preparation Method:** EPA SW846-3060**Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/17/20
20L0680-02	SB5_3-4	12/17/20
20L0680-03	SB5_0-1	12/17/20



20L0680-04	SB2_0-1	12/17/20
20L0680-05	SB6_0-1.5	12/17/20
20L0680-06	SB1_0-1	12/17/20
20L0680-07	SB3_0-1	12/17/20
20L0680-08	SB4_14-16	12/17/20
BL01034-BLK1	Blank	12/17/20
BL01034-SRM1	Reference	12/17/20

Batch ID: BL01044 **Preparation Method:** EPA 5035A **Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/16/20
20L0680-08	SB4_14-16	12/16/20
BL01044-BLK1	Blank	12/17/20
BL01044-BLK2	Blank	12/17/20
BL01044-BS1	LCS	12/17/20
BL01044-BSD1	LCS Dup	12/17/20

Batch ID: BL01062 **Preparation Method:** EPA 3550C **Prepared By:** NT

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-04	SB2_0-1	12/18/20
20L0680-05	SB6_0-1.5	12/18/20
20L0680-06	SB1_0-1	12/18/20
20L0680-07	SB3_0-1	12/18/20
20L0680-08	SB4_14-16	12/18/20
20L0680-08RE1	SB4_14-16	12/18/20
BL01062-BLK1	Blank	12/18/20
BL01062-BS1	LCS	12/18/20

Batch ID: BL01085 **Preparation Method:** % Solids Prep **Prepared By:** ALH

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/18/20
20L0680-02	SB5_3-4	12/18/20
20L0680-03	SB5_0-1	12/18/20
BL01085-DUP1	Duplicate	12/18/20

Batch ID: BL01098 **Preparation Method:** EPA 3550C **Prepared By:** MAM

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/18/20
20L0680-02	SB5_3-4	12/18/20
20L0680-03	SB5_0-1	12/18/20
BL01098-BLK1	Blank	12/18/20
BL01098-BS1	LCS	12/18/20

**Batch ID:** BL01120**Preparation Method:** Analysis Preparation**Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/18/20
20L0680-02	SB5_3-4	12/18/20
20L0680-03	SB5_0-1	12/18/20
20L0680-04	SB2_0-1	12/18/20
20L0680-05	SB6_0-1.5	12/18/20
20L0680-06	SB1_0-1	12/18/20
20L0680-07	SB3_0-1	12/18/20
20L0680-08	SB4_14-16	12/18/20

Batch ID: BL01128**Preparation Method:** EPA 5030B**Prepared By:** MD

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-09	TMW05_121120	12/18/20
BL01128-BLK1	Blank	12/18/20
BL01128-BS1	LCS	12/18/20
BL01128-BSD1	LCS Dup	12/18/20

Batch ID: BL01131**Preparation Method:** % Solids Prep**Prepared By:** KHA

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-04	SB2_0-1	12/18/20
20L0680-05	SB6_0-1.5	12/18/20
20L0680-06	SB1_0-1	12/18/20
20L0680-07	SB3_0-1	12/18/20
20L0680-08	SB4_14-16	12/18/20

Batch ID: BL01145**Preparation Method:** EPA 7473 soil**Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-01	SB5_7-8	12/19/20
20L0680-02	SB5_3-4	12/19/20
20L0680-03	SB5_0-1	12/19/20
20L0680-04	SB2_0-1	12/19/20
BL01145-BLK1	Blank	12/19/20
BL01145-SRM1	Reference	12/19/20

Batch ID: BL01171**Preparation Method:** EPA 7473 soil**Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
20L0680-05	SB6_0-1.5	12/19/20
20L0680-06	SB1_0-1	12/19/20
20L0680-07	SB3_0-1	12/19/20
20L0680-08	SB4_14-16	12/19/20
BL01171-BLK1	Blank	12/19/20
BL01171-SRM1	Reference	12/19/20



Batch ID:	BL01238	Preparation Method:	EPA SW846-7470A	Prepared By:	AA
YORK Sample ID	Client Sample ID	Preparation Date			
20L0680-09	TMW05_121120	12/21/20			



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00984 - EPA 5035A											
Blank (BL00984-BLK1)	Blank										Prepared & Analyzed: 12/16/2020
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	0.0036	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00984 - EPA 5035A

Blank (BL00984-BLK1)	Blank		Prepared & Analyzed: 12/16/2020								
n-Butylbenzene	ND	0.0050	mg/kg wet								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	58.0		ug/L	50.0		116	77-125				
Surrogate: SURR: Toluene-d8	51.2		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.7		"	50.0		103	76-130				

Blank (BL00984-BLK2)	holding blank-20L0680		Prepared & Analyzed: 12/16/2020								
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	0.0040	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00984 - EPA 5035A

Blank (BL00984-BLK2)		holding blank-20L0680				Prepared & Analyzed: 12/16/2020					
Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	0.0038	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	54.6		ug/L	50.0		109	77-125				
Surrogate: SURR: Toluene-d8	51.6		"	50.0		103	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.5		"	50.0		105	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00984 - EPA 5035A

Blank (BL00984-BLK3)		HOLDING BLANK-20L0705				Prepared & Analyzed: 12/16/2020					
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00984 - EPA 5035A

Blank (BL00984-BLK3)		HOLDING BLANK-20L0705				Prepared & Analyzed: 12/16/2020					
n-Propylbenzene	ND	0.0050	mg/kg wet								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	58.6		ug/L	50.0		117	77-125				
Surrogate: SURR: Toluene-d8	50.9		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.0		"	50.0		104	76-130				

Blank (BL00984-BLK4)		HOLDING BLANK-20L0711				Prepared & Analyzed: 12/16/2020					
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	0.0039	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00984 - EPA 5035A

Blank (BL00984-BLK4)		HOLDING BLANK-20L0711				Prepared & Analyzed: 12/16/2020					
Bromoform	ND	0.0050	mg/kg wet								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	0.0067	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
trans-1,4-dichloro-2-butene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	58.9		ug/L	50.0		118	77-125				
Surrogate: SURR: Toluene-d8	51.0		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.3		"	50.0		107	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00984 - EPA 5035A											
LCS (BL00984-BS1)	LCS						Prepared & Analyzed: 12/16/2020				
1,1,1,2-Tetrachloroethane	64		ug/L	50.0		127	75-129				
1,1,1-Trichloroethane	67		"	50.0		134	71-137				
1,1,2,2-Tetrachloroethane	53		"	50.0		106	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	58-146				
1,1,2-Trichloroethane	54		"	50.0		107	83-123				
1,1-Dichloroethane	53		"	50.0		105	75-130				
1,1-Dichloroethylene	57		"	50.0		114	64-137				
1,2,3-Trichlorobenzene	55		"	50.0		110	81-140				
1,2,3-Trichloropropane	61		"	50.0		121	81-126				
1,2,4-Trichlorobenzene	55		"	50.0		110	80-141				
1,2,4-Trimethylbenzene	59		"	50.0		118	84-125				
1,2-Dibromo-3-chloropropane	61		"	50.0		123	74-142				
1,2-Dibromoethane	59		"	50.0		117	86-123				
1,2-Dichlorobenzene	54		"	50.0		109	85-122				
1,2-Dichloroethane	60		"	50.0		120	71-133				
1,2-Dichloropropane	49		"	50.0		98.9	81-122				
1,3,5-Trimethylbenzene	59		"	50.0		117	82-126				
1,3-Dichlorobenzene	54		"	50.0		107	84-124				
1,4-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dioxane	1000		"	1050		95.6	10-228				
2-Butanone	47		"	50.0		93.9	58-147				
2-Hexanone	46		"	50.0		91.2	70-139				
4-Methyl-2-pentanone	47		"	50.0		94.2	72-132				
Acetone	30		"	50.0		60.0	36-155				
Acrolein	21		"	50.0		41.2	10-238				
Acrylonitrile	46		"	50.0		91.3	66-141				
Benzene	49		"	50.0		98.4	77-127				
Bromochloromethane	48		"	50.0		96.6	74-129				
Bromodichloromethane	65		"	50.0		130	81-124	High Bias			
Bromoform	60		"	50.0		120	80-136				
Bromomethane	70		"	50.0		140	32-177				
Carbon disulfide	56		"	50.0		112	10-136				
Carbon tetrachloride	67		"	50.0		135	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	62		"	50.0		123	51-142				
Chloroform	58		"	50.0		116	76-131				
Chloromethane	60		"	50.0		119	49-132				
cis-1,2-Dichloroethylene	53		"	50.0		107	74-132				
cis-1,3-Dichloropropylene	59		"	50.0		119	81-129				
Cyclohexane	43		"	50.0		85.2	70-130				
Dibromochloromethane	68		"	50.0		136	10-200				
Dibromomethane	57		"	50.0		115	83-124				
Dichlorodifluoromethane	76		"	50.0		153	28-158				
Ethyl Benzene	57		"	50.0		115	84-125				
Hexachlorobutadiene	59		"	50.0		118	83-133				
Isopropylbenzene	57		"	50.0		113	81-127				
Methyl acetate	39		"	50.0		77.7	41-143				
Methyl tert-butyl ether (MTBE)	58		"	50.0		117	74-131				
Methylcyclohexane	47		"	50.0		94.8	70-130				
Methylene chloride	48		"	50.0		96.7	57-141				
n-Butylbenzene	57		"	50.0		114	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00984 - EPA 5035A											
LCS (BL00984-BS1)	LCS		Prepared & Analyzed: 12/16/2020								
n-Propylbenzene	55		ug/L	50.0		110	74-136				
o-Xylene	58		"	50.0		117	83-123				
p- & m- Xylenes	120		"	100		116	82-128				
p-Isopropyltoluene	57		"	50.0		114	85-125				
sec-Butylbenzene	59		"	50.0		118	83-125				
Styrene	56		"	50.0		112	86-126				
tert-Butyl alcohol (TBA)	240		"	250		97.5	70-130				
tert-Butylbenzene	53		"	50.0		105	80-127				
Tetrachloroethylene	46		"	50.0		91.4	80-129				
Toluene	53		"	50.0		107	85-121				
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132				
trans-1,3-Dichloropropylene	65		"	50.0		130	78-132				
trans-1,4-dichloro-2-butene	58		"	50.0		116	75-135				
Trichloroethylene	57		"	50.0		115	84-123				
Trichlorofluoromethane	61		"	50.0		122	62-140				
Vinyl Chloride	61		"	50.0		121	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	58.0		"	50.0		116	77-125				
Surrogate: SURR: Toluene-d8	51.2		"	50.0		102	85-120				
Surrogate: SURR: p-Bromofluorobenzene	53.0		"	50.0		106	76-130				
LCS Dup (BL00984-BSD1)	LCS Dup		Prepared & Analyzed: 12/16/2020								
1,1,1,2-Tetrachloroethane	58		ug/L	50.0		117	75-129		8.67	30	
1,1,1-Trichloroethane	63		"	50.0		126	71-137		6.47	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		103	79-129		2.99	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53		"	50.0		106	58-146		4.63	30	
1,1,2-Trichloroethane	48		"	50.0		96.1	83-123		11.1	30	
1,1-Dichloroethane	48		"	50.0		96.2	75-130		9.02	30	
1,1-Dichloroethylene	54		"	50.0		107	64-137		6.06	30	
1,2,3-Trichlorobenzene	53		"	50.0		105	81-140		4.32	30	
1,2,3-Trichloropropane	58		"	50.0		117	81-126		3.97	30	
1,2,4-Trichlorobenzene	54		"	50.0		108	80-141		2.09	30	
1,2,4-Trimethylbenzene	57		"	50.0		114	84-125		3.44	30	
1,2-Dibromo-3-chloropropane	59		"	50.0		117	74-142		4.63	30	
1,2-Dibromoethane	53		"	50.0		107	86-123		9.38	30	
1,2-Dichlorobenzene	51		"	50.0		102	85-122		6.34	30	
1,2-Dichloroethane	53		"	50.0		105	71-133		13.3	30	
1,2-Dichloropropane	47		"	50.0		93.2	81-122		5.96	30	
1,3,5-Trimethylbenzene	57		"	50.0		115	82-126		2.46	30	
1,3-Dichlorobenzene	52		"	50.0		103	84-124		4.07	30	
1,4-Dichlorobenzene	53		"	50.0		106	84-124		1.42	30	
1,4-Dioxane	970		"	1050		92.8	10-228		2.92	30	
2-Butanone	46		"	50.0		91.7	58-147		2.41	30	
2-Hexanone	44		"	50.0		87.6	70-139		4.07	30	
4-Methyl-2-pentanone	45		"	50.0		89.2	72-132		5.50	30	
Acetone	29		"	50.0		57.7	36-155		3.87	30	
Acrolein	19		"	50.0		38.9	10-238		5.54	30	
Acrylonitrile	42		"	50.0		83.8	66-141		8.57	30	
Benzene	46		"	50.0		92.3	77-127		6.34	30	
Bromochloromethane	43		"	50.0		86.4	74-129		11.2	30	
Bromodichloromethane	59		"	50.0		118	81-124		9.67	30	
Bromoform	53		"	50.0		107	80-136		11.3	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00984 - EPA 5035A											
LCS Dup (BL00984-BSD1)	LCS Dup		Prepared & Analyzed: 12/16/2020								
Bromomethane	65		ug/L	50.0		131	32-177		6.85	30	
Carbon disulfide	52		"	50.0		105	10-136		7.11	30	
Carbon tetrachloride	63		"	50.0		126	66-143		6.33	30	
Chlorobenzene	50		"	50.0		99.7	86-120		6.09	30	
Chloroethane	58		"	50.0		115	51-142		6.98	30	
Chloroform	53		"	50.0		106	76-131		8.61	30	
Chloromethane	56		"	50.0		113	49-132		5.65	30	
cis-1,2-Dichloroethylene	49		"	50.0		97.2	74-132		9.43	30	
cis-1,3-Dichloropropylene	55		"	50.0		110	81-129		7.95	30	
Cyclohexane	40		"	50.0		79.5	70-130		6.87	30	
Dibromochloromethane	61		"	50.0		121	10-200		11.3	30	
Dibromomethane	53		"	50.0		105	83-124		8.61	30	
Dichlorodifluoromethane	68		"	50.0		136	28-158		11.5	30	
Ethyl Benzene	55		"	50.0		109	84-125		5.23	30	
Hexachlorobutadiene	61		"	50.0		122	83-133		3.34	30	
Isopropylbenzene	56		"	50.0		112	81-127		0.868	30	
Methyl acetate	36		"	50.0		72.4	41-143		7.09	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		101	74-131		14.2	30	
Methylcyclohexane	46		"	50.0		91.9	70-130		3.11	30	
Methylene chloride	44		"	50.0		88.2	57-141		9.19	30	
n-Butylbenzene	58		"	50.0		115	80-130		1.40	30	
n-Propylbenzene	55		"	50.0		109	74-136		0.292	30	
o-Xylene	55		"	50.0		109	83-123		6.36	30	
p- & m- Xylenes	110		"	100		111	82-128		5.01	30	
p-Isopropyltoluene	58		"	50.0		116	85-125		2.26	30	
sec-Butylbenzene	58		"	50.0		116	83-125		1.54	30	
Styrene	52		"	50.0		104	86-126		6.84	30	
tert-Butyl alcohol (TBA)	230		"	250		91.2	70-130		6.71	30	
tert-Butylbenzene	52		"	50.0		104	80-127		1.61	30	
Tetrachloroethylene	45		"	50.0		89.2	80-129		2.52	30	
Toluene	51		"	50.0		102	85-121		4.72	30	
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132		8.32	30	
trans-1,3-Dichloropropylene	59		"	50.0		119	78-132		9.00	30	
trans-1,4-dichloro-2-butene	55		"	50.0		111	75-135		4.53	30	
Trichloroethylene	55		"	50.0		111	84-123		3.65	30	
Trichlorofluoromethane	58		"	50.0		116	62-140		5.26	30	
Vinyl Chloride	57		"	50.0		114	52-130		6.40	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	55.6		"	50.0		111	77-125				
Surrogate: SURR: Toluene-d8	52.2		"	50.0		104	85-120				
Surrogate: SURR: p-Bromofluorobenzene	54.6		"	50.0		109	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01044 - EPA 5035A

Blank (BL01044-BLK1)	Blank										Prepared & Analyzed: 12/17/2020
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	0.0035	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01044 - EPA 5035A

Blank (BL01044-BLK1)	Blank									Prepared & Analyzed: 12/17/2020
n-Propylbenzene	ND	0.0050	mg/kg wet							
o-Xylene	ND	0.0050	"							
p- & m- Xylenes	ND	0.010	"							
p-Isopropyltoluene	ND	0.0050	"							
sec-Butylbenzene	ND	0.0050	"							
Styrene	ND	0.0050	"							
tert-Butyl alcohol (TBA)	ND	0.0050	"							
tert-Butylbenzene	ND	0.0050	"							
Tetrachloroethylene	ND	0.0050	"							
Toluene	ND	0.0050	"							
trans-1,2-Dichloroethylene	ND	0.0050	"							
trans-1,3-Dichloropropylene	ND	0.0050	"							
trans-1,4-dichloro-2-butene	ND	0.0050	"							
Trichloroethylene	ND	0.0050	"							
Trichlorofluoromethane	ND	0.0050	"							
Vinyl Chloride	ND	0.0050	"							
Xylenes, Total	ND	0.015	"							
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>49.6</i>		<i>ug/L</i>	<i>50.0</i>		<i>99.3</i>	<i>77-125</i>			
<i>Surrogate: SURR: Toluene-d8</i>	<i>49.6</i>		<i>"</i>	<i>50.0</i>		<i>99.2</i>	<i>85-120</i>			
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>53.1</i>		<i>"</i>	<i>50.0</i>		<i>106</i>	<i>76-130</i>			

Blank (BL01044-BLK2)	Blank									Prepared & Analyzed: 12/17/2020
1,1,1,2-Tetrachloroethane	ND	0.50	mg/kg wet							
1,1,1-Trichloroethane	ND	0.50	"							
1,1,2,2-Tetrachloroethane	ND	0.50	"							
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"							
1,1,2-Trichloroethane	ND	0.50	"							
1,1-Dichloroethane	ND	0.50	"							
1,1-Dichloroethylene	ND	0.50	"							
1,2,3-Trichlorobenzene	ND	0.50	"							
1,2,3-Trichloropropane	ND	0.50	"							
1,2,4-Trichlorobenzene	ND	0.50	"							
1,2,4-Trimethylbenzene	ND	0.50	"							
1,2-Dibromo-3-chloropropane	ND	0.50	"							
1,2-Dibromoethane	ND	0.50	"							
1,2-Dichlorobenzene	ND	0.50	"							
1,2-Dichloroethane	ND	0.50	"							
1,2-Dichloropropane	ND	0.50	"							
1,3,5-Trimethylbenzene	ND	0.50	"							
1,3-Dichlorobenzene	ND	0.50	"							
1,4-Dichlorobenzene	ND	0.50	"							
1,4-Dioxane	ND	10	"							
2-Butanone	ND	0.50	"							
2-Hexanone	ND	0.50	"							
4-Methyl-2-pentanone	ND	0.50	"							
Acetone	ND	1.0	"							
Acrolein	ND	1.0	"							
Acrylonitrile	ND	0.50	"							
Benzene	ND	0.50	"							
Bromochloromethane	ND	0.50	"							
Bromodichloromethane	ND	0.50	"							



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01044 - EPA 5035A

Blank (BL01044-BLK2)	Blank		Prepared & Analyzed: 12/17/2020								
Bromoform	ND	0.50	mg/kg wet								
Bromomethane	ND	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	1.0	"								
n-Butylbenzene	ND	0.50	"								
n-Propylbenzene	ND	0.50	"								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	0.50	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	50.6		ug/L	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	48.4		"	50.0		96.9	85-120				
Surrogate: SURR: p-Bromofluorobenzene	51.4		"	50.0		103	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01044 - EPA 5035A											
LCS (BL01044-BS1)	LCS						Prepared & Analyzed: 12/17/2020				
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		97.1	75-129				
1,1,1-Trichloroethane	52		"	50.0		104	71-137				
1,1,2,2-Tetrachloroethane	58		"	50.0		116	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55		"	50.0		109	58-146				
1,1,2-Trichloroethane	56		"	50.0		112	83-123				
1,1-Dichloroethane	56		"	50.0		111	75-130				
1,1-Dichloroethylene	55		"	50.0		109	64-137				
1,2,3-Trichlorobenzene	56		"	50.0		111	81-140				
1,2,3-Trichloropropane	57		"	50.0		114	81-126				
1,2,4-Trichlorobenzene	57		"	50.0		114	80-141				
1,2,4-Trimethylbenzene	55		"	50.0		109	84-125				
1,2-Dibromo-3-chloropropane	48		"	50.0		95.9	74-142				
1,2-Dibromoethane	59		"	50.0		117	86-123				
1,2-Dichlorobenzene	56		"	50.0		112	85-122				
1,2-Dichloroethane	57		"	50.0		115	71-133				
1,2-Dichloropropane	56		"	50.0		111	81-122				
1,3,5-Trimethylbenzene	56		"	50.0		111	82-126				
1,3-Dichlorobenzene	55		"	50.0		110	84-124				
1,4-Dichlorobenzene	55		"	50.0		110	84-124				
1,4-Dioxane	1200		"	1050		114	10-228				
2-Butanone	53		"	50.0		106	58-147				
2-Hexanone	55		"	50.0		109	70-139				
4-Methyl-2-pentanone	54		"	50.0		108	72-132				
Acetone	39		"	50.0		78.8	36-155				
Acrolein	57		"	50.0		113	10-238				
Acrylonitrile	58		"	50.0		116	66-141				
Benzene	56		"	50.0		113	77-127				
Bromochloromethane	58		"	50.0		116	74-129				
Bromodichloromethane	59		"	50.0		118	81-124				
Bromoform	50		"	50.0		100	80-136				
Bromomethane	68		"	50.0		135	32-177				
Carbon disulfide	55		"	50.0		110	10-136				
Carbon tetrachloride	49		"	50.0		98.5	66-143				
Chlorobenzene	55		"	50.0		110	86-120				
Chloroethane	54		"	50.0		109	51-142				
Chloroform	57		"	50.0		113	76-131				
Chloromethane	59		"	50.0		118	49-132				
cis-1,2-Dichloroethylene	57		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	51		"	50.0		103	81-129				
Cyclohexane	50		"	50.0		99.0	70-130				
Dibromochloromethane	51		"	50.0		102	10-200				
Dibromomethane	56		"	50.0		112	83-124				
Dichlorodifluoromethane	63		"	50.0		125	28-158				
Ethyl Benzene	57		"	50.0		113	84-125				
Hexachlorobutadiene	55		"	50.0		111	83-133				
Isopropylbenzene	53		"	50.0		107	81-127				
Methyl acetate	46		"	50.0		92.3	41-143				
Methyl tert-butyl ether (MTBE)	62		"	50.0		124	74-131				
Methylcyclohexane	48		"	50.0		96.1	70-130				
Methylene chloride	59		"	50.0		118	57-141				
n-Butylbenzene	51		"	50.0		103	80-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01044 - EPA 5035A											
LCS (BL01044-BS1)	LCS		Prepared & Analyzed: 12/17/2020								
n-Propylbenzene	54		ug/L	50.0		108	74-136				
o-Xylene	56		"	50.0		111	83-123				
p- & m- Xylenes	110		"	100		114	82-128				
p-Isopropyltoluene	56		"	50.0		112	85-125				
sec-Butylbenzene	58		"	50.0		117	83-125				
Styrene	57		"	50.0		113	86-126				
tert-Butyl alcohol (TBA)	310		"	250		123	70-130				
tert-Butylbenzene	54		"	50.0		107	80-127				
Tetrachloroethylene	51		"	50.0		103	80-129				
Toluene	56		"	50.0		112	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	50		"	50.0		101	78-132				
trans-1,4-dichloro-2-butene	58		"	50.0		117	75-135				
Trichloroethylene	56		"	50.0		112	84-123				
Trichlorofluoromethane	52		"	50.0		103	62-140				
Vinyl Chloride	58		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	50.4		"	50.0		101	77-125				
Surrogate: SURR: Toluene-d8	49.3		"	50.0		98.6	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.0		"	50.0		100	76-130				
LCS Dup (BL01044-BSD1)	LCS Dup		Prepared & Analyzed: 12/17/2020								
1,1,1,2-Tetrachloroethane	49		ug/L	50.0		98.1	75-129		1.11	30	
1,1,1-Trichloroethane	53		"	50.0		106	71-137		2.13	30	
1,1,2,2-Tetrachloroethane	58		"	50.0		115	79-129		0.606	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		111	58-146		1.70	30	
1,1,2-Trichloroethane	56		"	50.0		112	83-123		0.786	30	
1,1-Dichloroethane	56		"	50.0		112	75-130		0.323	30	
1,1-Dichloroethylene	55		"	50.0		110	64-137		0.767	30	
1,2,3-Trichlorobenzene	57		"	50.0		114	81-140		2.26	30	
1,2,3-Trichloropropane	57		"	50.0		114	81-126		0.316	30	
1,2,4-Trichlorobenzene	57		"	50.0		115	80-141		0.648	30	
1,2,4-Trimethylbenzene	56		"	50.0		111	84-125		1.76	30	
1,2-Dibromo-3-chloropropane	48		"	50.0		95.7	74-142		0.250	30	
1,2-Dibromoethane	58		"	50.0		117	86-123		0.274	30	
1,2-Dichlorobenzene	56		"	50.0		112	85-122		0.446	30	
1,2-Dichloroethane	58		"	50.0		116	71-133		1.04	30	
1,2-Dichloropropane	56		"	50.0		113	81-122		1.57	30	
1,3,5-Trimethylbenzene	57		"	50.0		113	82-126		1.87	30	
1,3-Dichlorobenzene	56		"	50.0		112	84-124		1.41	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		2.33	30	
1,4-Dioxane	1200		"	1050		111	10-228		2.81	30	
2-Butanone	51		"	50.0		102	58-147		3.54	30	
2-Hexanone	54		"	50.0		107	70-139		1.55	30	
4-Methyl-2-pentanone	53		"	50.0		106	72-132		1.44	30	
Acetone	39		"	50.0		77.8	36-155		1.23	30	
Acrolein	55		"	50.0		111	10-238		2.18	30	
Acrylonitrile	57		"	50.0		114	66-141		1.64	30	
Benzene	57		"	50.0		115	77-127		1.67	30	
Bromochloromethane	57		"	50.0		115	74-129		0.955	30	
Bromodichloromethane	60		"	50.0		119	81-124		1.43	30	
Bromoform	51		"	50.0		102	80-136		1.76	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01044 - EPA 5035A

LCS Dup (BL01044-BSD1) LCS Dup		Prepared & Analyzed: 12/17/2020									
Bromomethane	64		ug/L	50.0		128	32-177		5.50	30	
Carbon disulfide	56		"	50.0		113	10-136		2.31	30	
Carbon tetrachloride	51		"	50.0		101	66-143		2.63	30	
Chlorobenzene	56		"	50.0		112	86-120		1.87	30	
Chloroethane	52		"	50.0		105	51-142		3.84	30	
Chloroform	57		"	50.0		114	76-131		0.809	30	
Chloromethane	60		"	50.0		119	49-132		0.979	30	
cis-1,2-Dichloroethylene	58		"	50.0		116	74-132		1.33	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		0.639	30	
Cyclohexane	50		"	50.0		100	70-130		0.965	30	
Dibromochloromethane	52		"	50.0		103	10-200		1.52	30	
Dibromomethane	57		"	50.0		113	83-124		1.12	30	
Dichlorodifluoromethane	63		"	50.0		126	28-158		0.954	30	
Ethyl Benzene	57		"	50.0		114	84-125		0.968	30	
Hexachlorobutadiene	56		"	50.0		112	83-133		1.06	30	
Isopropylbenzene	55		"	50.0		109	81-127		2.15	30	
Methyl acetate	47		"	50.0		93.1	41-143		0.928	30	
Methyl tert-butyl ether (MTBE)	63		"	50.0		126	74-131		1.01	30	
Methylcyclohexane	49		"	50.0		98.4	70-130		2.41	30	
Methylene chloride	59		"	50.0		118	57-141		0.271	30	
n-Butylbenzene	56		"	50.0		112	80-130		8.76	30	
n-Propylbenzene	55		"	50.0		111	74-136		2.45	30	
o-Xylene	57		"	50.0		113	83-123		1.66	30	
p- & m- Xylenes	120		"	100		116	82-128		2.21	30	
p-Isopropyltoluene	58		"	50.0		115	85-125		2.43	30	
sec-Butylbenzene	60		"	50.0		119	83-125		2.27	30	
Styrene	58		"	50.0		116	86-126		2.01	30	
tert-Butyl alcohol (TBA)	310		"	250		124	70-130		1.43	30	
tert-Butylbenzene	55		"	50.0		110	80-127		2.12	30	
Tetrachloroethylene	52		"	50.0		105	80-129		1.98	30	
Toluene	57		"	50.0		113	85-121		1.12	30	
trans-1,2-Dichloroethylene	60		"	50.0		119	72-132		0.0335	30	
trans-1,3-Dichloropropylene	51		"	50.0		101	78-132		0.773	30	
trans-1,4-dichloro-2-butene	59		"	50.0		117	75-135		0.393	30	
Trichloroethylene	57		"	50.0		114	84-123		1.73	30	
Trichlorofluoromethane	52		"	50.0		104	62-140		0.444	30	
Vinyl Chloride	59		"	50.0		118	52-130		2.30	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	50.0		"	50.0		100	77-125				
Surrogate: SURR: Toluene-d8	49.4		"	50.0		98.7	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.1		"	50.0		100	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01128 - EPA 5030B

Blank (BL01128-BLK1)	Blank	Prepared: 12/18/2020 Analyzed: 12/19/2020									
1,1,1,2-Tetrachloroethane	ND	0.50	ug/L								
1,1,1-Trichloroethane	ND	0.50	"								
1,1,2,2-Tetrachloroethane	ND	0.50	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.50	"								
1,1,2-Trichloroethane	ND	0.50	"								
1,1-Dichloroethane	ND	0.50	"								
1,1-Dichloroethylene	ND	0.50	"								
1,2,3-Trichlorobenzene	ND	0.50	"								
1,2,3-Trichloropropane	ND	0.50	"								
1,2,4-Trichlorobenzene	ND	0.50	"								
1,2,4-Trimethylbenzene	ND	0.50	"								
1,2-Dibromo-3-chloropropane	ND	0.50	"								
1,2-Dibromoethane	ND	0.50	"								
1,2-Dichlorobenzene	ND	0.50	"								
1,2-Dichloroethane	ND	0.50	"								
1,2-Dichloropropane	ND	0.50	"								
1,3,5-Trimethylbenzene	ND	0.50	"								
1,3-Dichlorobenzene	ND	0.50	"								
1,4-Dichlorobenzene	ND	0.50	"								
1,4-Dioxane	ND	40	"								
2-Butanone	ND	0.50	"								
2-Hexanone	ND	0.50	"								
4-Methyl-2-pentanone	ND	0.50	"								
Acetone	ND	2.0	"								
Acrolein	ND	0.50	"								
Acrylonitrile	ND	0.50	"								
Benzene	ND	0.50	"								
Bromochloromethane	ND	0.50	"								
Bromodichloromethane	ND	0.50	"								
Bromoform	ND	0.50	"								
Bromomethane	0.28	0.50	"								
Carbon disulfide	ND	0.50	"								
Carbon tetrachloride	ND	0.50	"								
Chlorobenzene	ND	0.50	"								
Chloroethane	ND	0.50	"								
Chloroform	ND	0.50	"								
Chloromethane	ND	0.50	"								
cis-1,2-Dichloroethylene	ND	0.50	"								
cis-1,3-Dichloropropylene	ND	0.50	"								
Cyclohexane	ND	0.50	"								
Dibromochloromethane	ND	0.50	"								
Dibromomethane	ND	0.50	"								
Dichlorodifluoromethane	ND	0.50	"								
Ethyl Benzene	ND	0.50	"								
Hexachlorobutadiene	ND	0.50	"								
Isopropylbenzene	ND	0.50	"								
Methyl acetate	ND	0.50	"								
Methyl tert-butyl ether (MTBE)	ND	0.50	"								
Methylcyclohexane	ND	0.50	"								
Methylene chloride	ND	2.0	"								
n-Butylbenzene	ND	0.50	"								



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01128 - EPA 5030B

Blank (BL01128-BLK1)	Blank		Prepared: 12/18/2020 Analyzed: 12/19/2020								
n-Propylbenzene	ND	0.50	ug/L								
o-Xylene	ND	0.50	"								
p- & m- Xylenes	ND	1.0	"								
p-Isopropyltoluene	ND	0.50	"								
sec-Butylbenzene	ND	0.50	"								
Styrene	ND	0.50	"								
tert-Butyl alcohol (TBA)	ND	1.0	"								
tert-Butylbenzene	ND	0.50	"								
Tetrachloroethylene	ND	0.50	"								
Toluene	ND	0.50	"								
trans-1,2-Dichloroethylene	ND	0.50	"								
trans-1,3-Dichloropropylene	ND	0.50	"								
trans-1,4-dichloro-2-butene	ND	0.50	"								
Trichloroethylene	ND	0.50	"								
Trichlorofluoromethane	ND	0.50	"								
Vinyl Chloride	ND	0.50	"								
Xylenes, Total	ND	1.5	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	9.87		"	10.0		98.7	69-130				
Surrogate: SURR: Toluene-d8	9.89		"	10.0		98.9	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.21		"	10.0		92.1	79-122				

LCS (BL01128-BS1)	LCS		Prepared: 12/18/2020 Analyzed: 12/19/2020								
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		110	82-126				
1,1,1-Trichloroethane	11		"	10.0		109	78-136				
1,1,2,2-Tetrachloroethane	9.4		"	10.0		94.3	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		110	54-165				
1,1,2-Trichloroethane	10		"	10.0		100	82-123				
1,1-Dichloroethane	11		"	10.0		106	82-129				
1,1-Dichloroethylene	11		"	10.0		110	68-138				
1,2,3-Trichlorobenzene	10		"	10.0		99.9	40-130				
1,2,3-Trichloropropane	9.5		"	10.0		94.9	77-128				
1,2,4-Trichlorobenzene	10		"	10.0		99.5	65-137				
1,2,4-Trimethylbenzene	10		"	10.0		100	82-132				
1,2-Dibromo-3-chloropropane	9.0		"	10.0		90.1	45-147				
1,2-Dibromoethane	10		"	10.0		102	83-124				
1,2-Dichlorobenzene	10		"	10.0		103	79-123				
1,2-Dichloroethane	11		"	10.0		105	73-132				
1,2-Dichloropropane	10		"	10.0		101	78-126				
1,3,5-Trimethylbenzene	10		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.7		"	10.0		96.9	86-130				
1,4-Dichlorobenzene	9.9		"	10.0		98.7	85-130				
1,4-Dioxane	220		"	210		106	10-349				
2-Butanone	9.9		"	10.0		99.1	49-152				
2-Hexanone	9.5		"	10.0		95.1	51-146				
4-Methyl-2-pentanone	9.4		"	10.0		94.3	57-145				
Acetone	11		"	10.0		111	14-150				
Acrolein	5.6		"	10.0		56.4	10-153				
Acrylonitrile	10		"	10.0		104	51-150				
Benzene	11		"	10.0		110	85-126				
Bromochloromethane	11		"	10.0		105	77-128				
Bromodichloromethane	10		"	10.0		101	79-128				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01128 - EPA 5030B

LCS (BL01128-BS1)	LCS	Prepared: 12/18/2020 Analyzed: 12/19/2020									
Bromoform	11	ug/L	10.0	106	78-133						
Bromomethane	9.9	"	10.0	99.3	43-168						
Carbon disulfide	10	"	10.0	103	68-146						
Carbon tetrachloride	11	"	10.0	112	77-141						
Chlorobenzene	11	"	10.0	108	88-120						
Chloroethane	12	"	10.0	119	65-136						
Chloroform	11	"	10.0	107	82-128						
Chloromethane	11	"	10.0	110	43-155						
cis-1,2-Dichloroethylene	10	"	10.0	101	83-129						
cis-1,3-Dichloropropylene	9.5	"	10.0	95.1	80-131						
Cyclohexane	8.7	"	10.0	86.6	63-149						
Dibromochloromethane	10	"	10.0	104	80-130						
Dibromomethane	10	"	10.0	102	72-134						
Dichlorodifluoromethane	12	"	10.0	117	44-144						
Ethyl Benzene	11	"	10.0	112	80-131						
Hexachlorobutadiene	11	"	10.0	105	67-146						
Isopropylbenzene	9.8	"	10.0	98.1	76-140						
Methyl acetate	7.8	"	10.0	78.0	51-139						
Methyl tert-butyl ether (MTBE)	11	"	10.0	108	76-135						
Methylcyclohexane	10	"	10.0	103	72-143						
Methylene chloride	11	"	10.0	109	55-137						
n-Butylbenzene	10	"	10.0	103	79-132						
n-Propylbenzene	10	"	10.0	101	78-133						
o-Xylene	11	"	10.0	109	78-130						
p- & m- Xylenes	22	"	20.0	112	77-133						
p-Isopropyltoluene	10	"	10.0	104	81-136						
sec-Butylbenzene	11	"	10.0	108	79-137						
Styrene	11	"	10.0	112	67-132						
tert-Butyl alcohol (TBA)	43	"	50.0	86.3	25-162						
tert-Butylbenzene	8.7	"	10.0	87.4	77-138						
Tetrachloroethylene	9.8	"	10.0	97.6	82-131						
Toluene	11	"	10.0	107	80-127						
trans-1,2-Dichloroethylene	11	"	10.0	111	80-132						
trans-1,3-Dichloropropylene	9.3	"	10.0	93.3	78-131						
trans-1,4-dichloro-2-butene	8.8	"	10.0	88.1	63-141						
Trichloroethylene	10	"	10.0	101	82-128						
Trichlorofluoromethane	12	"	10.0	118	67-139						
Vinyl Chloride	12	"	10.0	122	58-145						
Surrogate: SURRE: 1,2-Dichloroethane-d4	9.90	"	10.0	99.0	69-130						
Surrogate: SURRE: Toluene-d8	9.86	"	10.0	98.6	81-117						
Surrogate: SURRE: p-Bromofluorobenzene	8.80	"	10.0	88.0	79-122						



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01128 - EPA 5030B											
LCS Dup (BL01128-BSD1)	LCS Dup		Prepared: 12/18/2020 Analyzed: 12/19/2020								
1,1,1,2-Tetrachloroethane	11		ug/L	10.0		110	82-126		0.182	30	
1,1,1-Trichloroethane	11		"	10.0		109	78-136		0.0918	30	
1,1,2,2-Tetrachloroethane	9.9		"	10.0		99.0	76-129		4.86	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11		"	10.0		106	54-165		3.33	30	
1,1,2-Trichloroethane	10		"	10.0		102	82-123		1.78	30	
1,1-Dichloroethane	10		"	10.0		104	82-129		1.72	30	
1,1-Dichloroethylene	11		"	10.0		107	68-138		2.31	30	
1,2,3-Trichlorobenzene	10		"	10.0		104	40-130		4.21	30	
1,2,3-Trichloropropane	10		"	10.0		100	77-128		5.73	30	
1,2,4-Trichlorobenzene	10		"	10.0		102	65-137		2.87	30	
1,2,4-Trimethylbenzene	10		"	10.0		101	82-132		1.19	30	
1,2-Dibromo-3-chloropropane	9.4		"	10.0		93.9	45-147		4.13	30	
1,2-Dibromoethane	10		"	10.0		105	83-124		2.42	30	
1,2-Dichlorobenzene	11		"	10.0		108	79-123		4.08	30	
1,2-Dichloroethane	11		"	10.0		109	73-132		2.99	30	
1,2-Dichloropropane	10		"	10.0		100	78-126		0.892	30	
1,3,5-Trimethylbenzene	10		"	10.0		103	80-131		0.681	30	
1,3-Dichlorobenzene	10		"	10.0		100	86-130		3.25	30	
1,4-Dichlorobenzene	10		"	10.0		102	85-130		3.19	30	
1,4-Dioxane	220		"	210		107	10-349		0.587	30	
2-Butanone	11		"	10.0		105	49-152		5.88	30	
2-Hexanone	9.8		"	10.0		97.5	51-146		2.49	30	
4-Methyl-2-pentanone	9.9		"	10.0		99.1	57-145		4.96	30	
Acetone	11		"	10.0		112	14-150		0.985	30	
Acrolein	5.4		"	10.0		53.6	10-153		5.09	30	
Acrylonitrile	11		"	10.0		109	51-150		4.60	30	
Benzene	11		"	10.0		110	85-126		0.545	30	
Bromochloromethane	11		"	10.0		109	77-128		3.83	30	
Bromodichloromethane	10		"	10.0		101	79-128		0.198	30	
Bromoform	11		"	10.0		109	78-133		2.79	30	
Bromomethane	9.8		"	10.0		98.3	43-168		1.01	30	
Carbon disulfide	10		"	10.0		101	68-146		1.86	30	
Carbon tetrachloride	11		"	10.0		112	77-141		0.0896	30	
Chlorobenzene	11		"	10.0		108	88-120		0.186	30	
Chloroethane	12		"	10.0		117	65-136		1.44	30	
Chloroform	11		"	10.0		108	82-128		0.0931	30	
Chloromethane	11		"	10.0		110	43-155		0.727	30	
cis-1,2-Dichloroethylene	10		"	10.0		102	83-129		1.57	30	
cis-1,3-Dichloropropylene	9.5		"	10.0		95.4	80-131		0.315	30	
Cyclohexane	8.5		"	10.0		85.1	63-149		1.75	30	
Dibromochloromethane	11		"	10.0		107	80-130		2.84	30	
Dibromomethane	10		"	10.0		103	72-134		1.17	30	
Dichlorodifluoromethane	11		"	10.0		113	44-144		3.74	30	
Ethyl Benzene	11		"	10.0		110	80-131		2.07	30	
Hexachlorobutadiene	10		"	10.0		105	67-146		0.571	30	
Isopropylbenzene	10		"	10.0		100	76-140		2.12	30	
Methyl acetate	8.1		"	10.0		81.4	51-139		4.27	30	
Methyl tert-butyl ether (MTBE)	11		"	10.0		112	76-135		3.27	30	
Methylcyclohexane	9.9		"	10.0		99.1	72-143		4.25	30	
Methylene chloride	11		"	10.0		110	55-137		0.825	30	
n-Butylbenzene	9.6		"	10.0		96.2	79-132		6.92	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01128 - EPA 5030B

LCS Dup (BL01128-BSD1)	LCS Dup	Prepared: 12/18/2020 Analyzed: 12/19/2020									
n-Propylbenzene	10		ug/L	10.0		101	78-133		0.496	30	
o-Xylene	11		"	10.0		107	78-130		1.39	30	
p- & m- Xylenes	22		"	20.0		110	77-133		1.70	30	
p-Isopropyltoluene	10		"	10.0		104	81-136		0.289	30	
sec-Butylbenzene	11		"	10.0		108	79-137		0.278	30	
Styrene	11		"	10.0		111	67-132		0.719	30	
tert-Butyl alcohol (TBA)	46		"	50.0		91.8	25-162		6.20	30	
tert-Butylbenzene	8.8		"	10.0		88.2	77-138		0.911	30	
Tetrachloroethylene	9.4		"	10.0		93.8	82-131		3.97	30	
Toluene	11		"	10.0		107	80-127		0.187	30	
trans-1,2-Dichloroethylene	11		"	10.0		111	80-132		0.180	30	
trans-1,3-Dichloropropylene	9.4		"	10.0		94.0	78-131		0.747	30	
trans-1,4-dichloro-2-butene	9.3		"	10.0		93.1	63-141		5.52	30	
Trichloroethylene	9.9		"	10.0		99.1	82-128		1.50	30	
Trichlorofluoromethane	12		"	10.0		116	67-139		1.71	30	
Vinyl Chloride	12		"	10.0		119	58-145		2.42	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	9.82		"	10.0		98.2	69-130				
Surrogate: SURR: Toluene-d8	9.96		"	10.0		99.6	81-117				
Surrogate: SURR: p-Bromofluorobenzene	9.11		"	10.0		91.1	79-122				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01062 - EPA 3550C											
Blank (BL01062-BLK1)	Blank								Prepared & Analyzed: 12/18/2020		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01062 - EPA 3550C

Blank (BL01062-BLK1)	Blank										Prepared & Analyzed: 12/18/2020
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	1.18		"	1.66		70.7	20-108				
Surrogate: SURR: Phenol-d5	1.16		"	1.66		69.8	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.620		"	0.831		74.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.638		"	0.831		76.8	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.28		"	1.66		77.2	19-110				
Surrogate: SURR: Terphenyl-d14	0.810		"	0.831		97.5	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01062 - EPA 3550C											
LCS (BL01062-BS1)	LCS	Prepared & Analyzed: 12/18/2020									
1,1-Biphenyl	0.631	0.0416	mg/kg wet	0.831		76.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.608	0.0830	"	0.831		73.2	21-131				
1,2,4-Trichlorobenzene	0.608	0.0416	"	0.831		73.2	10-140				
1,2-Dichlorobenzene	0.586	0.0416	"	0.831		70.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.654	0.0416	"	0.831		78.8	17-137				
1,3-Dichlorobenzene	0.563	0.0416	"	0.831		67.8	33-110				
1,4-Dichlorobenzene	0.571	0.0416	"	0.831		68.8	32-104				
2,3,4,6-Tetrachlorophenol	0.776	0.0830	"	0.831		93.4	30-130				
2,4,5-Trichlorophenol	0.675	0.0416	"	0.831		81.2	27-118				
2,4,6-Trichlorophenol	0.650	0.0416	"	0.831		78.2	31-120				
2,4-Dichlorophenol	0.675	0.0416	"	0.831		81.3	20-127				
2,4-Dimethylphenol	0.649	0.0416	"	0.831		78.1	14-132				
2,4-Dinitrophenol	0.324	0.0830	"	0.831		39.0	10-171				
2,4-Dinitrotoluene	0.787	0.0416	"	0.831		94.8	34-131				
2,6-Dinitrotoluene	0.784	0.0416	"	0.831		94.4	31-128				
2-Chloronaphthalene	0.591	0.0416	"	0.831		71.2	31-117				
2-Chlorophenol	0.601	0.0416	"	0.831		72.3	33-113				
2-Methylnaphthalene	0.726	0.0416	"	0.831		87.4	12-138				
2-Methylphenol	0.633	0.0416	"	0.831		76.2	10-136				
2-Nitroaniline	0.790	0.0830	"	0.831		95.2	27-132				
2-Nitrophenol	0.737	0.0416	"	0.831		88.7	17-129				
3- & 4-Methylphenols	0.564	0.0416	"	0.831		67.9	29-103				
3,3-Dichlorobenzidine	0.380	0.0416	"	0.831		45.8	22-149				
3-Nitroaniline	0.578	0.0830	"	0.831		69.6	20-133				
4,6-Dinitro-2-methylphenol	0.734	0.0830	"	0.831		88.4	10-143				
4-Bromophenyl phenyl ether	0.679	0.0416	"	0.831		81.8	29-120				
4-Chloro-3-methylphenol	0.692	0.0416	"	0.831		83.3	24-129				
4-Chloroaniline	0.293	0.0416	"	0.831		35.3	10-132				
4-Chlorophenyl phenyl ether	0.632	0.0416	"	0.831		76.1	27-124				
4-Nitroaniline	0.701	0.0830	"	0.831		84.4	16-128				
4-Nitrophenol	0.627	0.0830	"	0.831		75.5	10-141				
Acenaphthene	0.661	0.0416	"	0.831		79.6	30-121				
Acenaphthylene	0.650	0.0416	"	0.831		78.2	30-115				
Acetophenone	0.612	0.0416	"	0.831		73.7	20-112				
Aniline	0.461	0.166	"	0.831		55.5	10-119				
Anthracene	0.682	0.0416	"	0.831		82.1	34-118				
Atrazine	0.706	0.0416	"	0.831		85.0	26-112				
Benzaldehyde	0.585	0.0416	"	0.831		70.4	21-100				
Benzo(a)anthracene	0.705	0.0416	"	0.831		84.9	32-122				
Benzo(a)pyrene	0.574	0.0416	"	0.831		69.1	29-133				
Benzo(b)fluoranthene	0.637	0.0416	"	0.831		76.7	25-133				
Benzo(g,h,i)perylene	0.679	0.0416	"	0.831		81.7	10-143				
Benzo(k)fluoranthene	0.621	0.0416	"	0.831		74.7	25-128				
Benzoic acid	0.0844	0.0416	"	0.831		10.2	10-140				
Benzyl alcohol	0.739	0.0416	"	0.831		89.0	30-115				
Benzyl butyl phthalate	0.707	0.0416	"	0.831		85.2	26-126				
Bis(2-chloroethoxy)methane	0.624	0.0416	"	0.831		75.2	19-132				
Bis(2-chloroethyl)ether	0.623	0.0416	"	0.831		75.0	19-125				
Bis(2-chloroisopropyl)ether	0.659	0.0416	"	0.831		79.3	20-135				
Bis(2-ethylhexyl)phthalate	0.669	0.0416	"	0.831		80.6	10-155				
Caprolactam	0.716	0.0830	"	0.831		86.2	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01062 - EPA 3550C

LCS (BL01062-BS1)	LCS	Prepared & Analyzed: 12/18/2020									
Carbazole	0.648	0.0416	mg/kg wet	0.831		78.0	35-123				
Chrysene	0.681	0.0416	"	0.831		82.0	32-123				
Dibenzo(a,h)anthracene	0.622	0.0416	"	0.831		74.9	10-136				
Dibenzofuran	0.661	0.0416	"	0.831		79.6	29-121				
Diethyl phthalate	0.631	0.0416	"	0.831		75.9	34-116				
Dimethyl phthalate	0.628	0.0416	"	0.831		75.6	35-124				
Di-n-butyl phthalate	0.650	0.0416	"	0.831		78.2	31-116				
Di-n-octyl phthalate	0.703	0.0416	"	0.831		84.7	26-136				
Diphenylamine	0.838	0.0830	"	0.831		101	40-140				
Fluoranthene	0.682	0.0416	"	0.831		82.2	33-122				
Fluorene	0.677	0.0416	"	0.831		81.5	29-123				
Hexachlorobenzene	0.650	0.0416	"	0.831		78.3	21-124				
Hexachlorobutadiene	0.593	0.0416	"	0.831		71.4	10-149				
Hexachlorocyclopentadiene	0.257	0.0416	"	0.831		30.9	10-129				
Hexachloroethane	0.548	0.0416	"	0.831		66.0	28-108				
Indeno(1,2,3-cd)pyrene	0.669	0.0416	"	0.831		80.5	10-135				
Isophorone	0.667	0.0416	"	0.831		80.3	20-132				
Naphthalene	0.654	0.0416	"	0.831		78.7	23-124				
Nitrobenzene	0.589	0.0416	"	0.831		70.9	13-132				
N-Nitrosodimethylamine	0.508	0.0416	"	0.831		61.1	11-129				
N-nitroso-di-n-propylamine	0.579	0.0416	"	0.831		69.8	24-119				
N-Nitrosodiphenylamine	0.804	0.0416	"	0.831		96.8	22-152				
Pentachlorophenol	0.721	0.0416	"	0.831		86.8	10-139				
Phenanthrene	0.688	0.0416	"	0.831		82.9	33-123				
Phenol	0.575	0.0416	"	0.831		69.2	23-115				
Pyrene	0.760	0.0416	"	0.831		91.6	32-130				
Surrogate: SURR: 2-Fluorophenol	1.18		"	1.66		71.2	20-108				
Surrogate: SURR: Phenol-d5	1.17		"	1.66		70.6	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.654		"	0.831		78.8	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.628		"	0.831		75.6	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.51		"	1.66		90.9	19-110				
Surrogate: SURR: Terphenyl-d14	0.846		"	0.831		102	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01098 - EPA 3550C											
Blank (BL01098-BLK1)	Blank										Prepared: 12/18/2020 Analyzed: 12/19/2020
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01098 - EPA 3550C

Blank (BL01098-BLK1)	Blank	Prepared: 12/18/2020 Analyzed: 12/19/2020									
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Diphenylamine	ND	0.0830	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Surrogate: SURR: 2-Fluorophenol	1.12		"	1.66		67.3	20-108				
Surrogate: SURR: Phenol-d5	1.04		"	1.66		62.6	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.586		"	0.831		70.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.671		"	0.831		80.8	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.70		"	1.66		102	19-110				
Surrogate: SURR: Terphenyl-d14	0.797		"	0.831		96.0	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL01098 - EPA 3550C											
LCS (BL01098-BS1)	LCS	Prepared: 12/18/2020 Analyzed: 12/19/2020									
1,1-Biphenyl	0.628	0.0416	mg/kg wet	0.831		75.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.756	0.0830	"	0.831		91.0	21-131				
1,2,4-Trichlorobenzene	0.612	0.0416	"	0.831		73.7	10-140				
1,2-Dichlorobenzene	0.499	0.0416	"	0.831		60.1	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.397	0.0416	"	0.831		47.8	17-137				
1,3-Dichlorobenzene	0.473	0.0416	"	0.831		57.0	33-110				
1,4-Dichlorobenzene	0.515	0.0416	"	0.831		62.0	32-104				
2,3,4,6-Tetrachlorophenol	0.514	0.0830	"	0.831		61.9	30-130				
2,4,5-Trichlorophenol	0.656	0.0416	"	0.831		79.0	27-118				
2,4,6-Trichlorophenol	0.560	0.0416	"	0.831		67.4	31-120				
2,4-Dichlorophenol	0.616	0.0416	"	0.831		74.2	20-127				
2,4-Dimethylphenol	0.560	0.0416	"	0.831		67.4	14-132				
2,4-Dinitrophenol	0.127	0.0830	"	0.831		15.2	10-171				
2,4-Dinitrotoluene	0.560	0.0416	"	0.831		67.4	34-131				
2,6-Dinitrotoluene	0.583	0.0416	"	0.831		70.2	31-128				
2-Chloronaphthalene	0.518	0.0416	"	0.831		62.4	31-117				
2-Chlorophenol	0.468	0.0416	"	0.831		56.4	33-113				
2-Methylnaphthalene	0.594	0.0416	"	0.831		71.5	12-138				
2-Methylphenol	0.472	0.0416	"	0.831		56.9	10-136				
2-Nitroaniline	0.487	0.0830	"	0.831		58.7	27-132				
2-Nitrophenol	0.523	0.0416	"	0.831		62.9	17-129				
3- & 4-Methylphenols	0.413	0.0416	"	0.831		49.7	29-103				
3,3-Dichlorobenzidine	0.575	0.0416	"	0.831		69.3	22-149				
3-Nitroaniline	0.403	0.0830	"	0.831		48.6	20-133				
4,6-Dinitro-2-methylphenol	0.336	0.0830	"	0.831		40.5	10-143				
4-Bromophenyl phenyl ether	0.617	0.0416	"	0.831		74.3	29-120				
4-Chloro-3-methylphenol	0.544	0.0416	"	0.831		65.5	24-129				
4-Chloroaniline	0.228	0.0416	"	0.831		27.4	10-132				
4-Chlorophenyl phenyl ether	0.611	0.0416	"	0.831		73.6	27-124				
4-Nitroaniline	0.480	0.0830	"	0.831		57.8	16-128				
4-Nitrophenol	0.437	0.0830	"	0.831		52.6	10-141				
Acenaphthene	0.505	0.0416	"	0.831		60.8	30-121				
Acenaphthylene	0.512	0.0416	"	0.831		61.6	30-115				
Acetophenone	0.539	0.0416	"	0.831		64.8	20-112				
Aniline	0.261	0.166	"	0.831		31.5	10-119				
Anthracene	0.519	0.0416	"	0.831		62.5	34-118				
Atrazine	0.693	0.0416	"	0.831		83.4	26-112				
Benzaldehyde	0.507	0.0416	"	0.831		61.1	21-100				
Benzo(a)anthracene	0.531	0.0416	"	0.831		64.0	32-122				
Benzo(a)pyrene	0.518	0.0416	"	0.831		62.3	29-133				
Benzo(b)fluoranthene	0.544	0.0416	"	0.831		65.4	25-133				
Benzo(g,h,i)perylene	0.583	0.0416	"	0.831		70.2	10-143				
Benzo(k)fluoranthene	0.606	0.0416	"	0.831		73.0	25-128				
Benzoic acid	0.111	0.0416	"	0.831		13.4	10-140				
Benzyl alcohol	0.450	0.0416	"	0.831		54.2	30-115				
Benzyl butyl phthalate	0.453	0.0416	"	0.831		54.5	26-126				
Bis(2-chloroethoxy)methane	0.493	0.0416	"	0.831		59.3	19-132				
Bis(2-chloroethyl)ether	0.537	0.0416	"	0.831		64.6	19-125				
Bis(2-chloroisopropyl)ether	0.427	0.0416	"	0.831		51.4	20-135				
Bis(2-ethylhexyl)phthalate	0.466	0.0416	"	0.831		56.1	10-155				
Caprolactam	0.539	0.0830	"	0.831		64.8	10-127				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01098 - EPA 3550C

LCS (BL01098-BS1)	LCS	Prepared: 12/18/2020 Analyzed: 12/19/2020									
Carbazole	0.524	0.0416	mg/kg wet	0.831		63.1	35-123				
Chrysene	0.540	0.0416	"	0.831		65.0	32-123				
Dibenzo(a,h)anthracene	0.527	0.0416	"	0.831		63.4	10-136				
Dibenzofuran	0.550	0.0416	"	0.831		66.2	29-121				
Diethyl phthalate	0.545	0.0416	"	0.831		65.6	34-116				
Dimethyl phthalate	0.552	0.0416	"	0.831		66.5	35-124				
Di-n-butyl phthalate	0.494	0.0416	"	0.831		59.4	31-116				
Di-n-octyl phthalate	0.455	0.0416	"	0.831		54.8	26-136				
Diphenylamine	0.577	0.0830	"	0.831		69.5	40-140				
Fluoranthene	0.554	0.0416	"	0.831		66.7	33-122				
Fluorene	0.525	0.0416	"	0.831		63.2	29-123				
Hexachlorobenzene	0.512	0.0416	"	0.831		61.7	21-124				
Hexachlorobutadiene	0.709	0.0416	"	0.831		85.4	10-149				
Hexachlorocyclopentadiene	0.0924	0.0416	"	0.831		11.1	10-129				
Hexachloroethane	0.480	0.0416	"	0.831		57.8	28-108				
Indeno(1,2,3-cd)pyrene	0.640	0.0416	"	0.831		77.1	10-135				
Isophorone	0.517	0.0416	"	0.831		62.2	20-132				
Naphthalene	0.519	0.0416	"	0.831		62.4	23-124				
Nitrobenzene	0.449	0.0416	"	0.831		54.0	13-132				
N-Nitrosodimethylamine	0.371	0.0416	"	0.831		44.6	11-129				
N-nitroso-di-n-propylamine	0.436	0.0416	"	0.831		52.5	24-119				
N-Nitrosodiphenylamine	0.561	0.0416	"	0.831		67.6	22-152				
Pentachlorophenol	0.493	0.0416	"	0.831		59.4	10-139				
Phenanthrene	0.521	0.0416	"	0.831		62.8	33-123				
Phenol	0.443	0.0416	"	0.831		53.4	23-115				
Pyrene	0.493	0.0416	"	0.831		59.3	32-130				
Surrogate: SURR: 2-Fluorophenol	0.993		"	1.66		59.8	20-108				
Surrogate: SURR: Phenol-d5	0.895		"	1.66		53.9	23-114				
Surrogate: SURR: Nitrobenzene-d5	0.528		"	0.831		63.6	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	0.591		"	0.831		71.2	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1.59		"	1.66		95.7	19-110				
Surrogate: SURR: Terphenyl-d14	0.678		"	0.831		81.6	24-116				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00959 - EPA 3550C

Blank (BL00959-BLK1)	Blank		Prepared: 12/16/2020 Analyzed: 12/17/2020								
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
Chlordane, total	ND	0.0329	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00822	"								
Toxaphene	ND	0.0832	"								
Surrogate: Decachlorobiphenyl	0.0518		"	0.0664		78.0	30-150				
Surrogate: Tetrachloro-m-xylene	0.0553		"	0.0664		83.2	30-150				

LCS (BL00959-BS1)	LCS		Prepared: 12/16/2020 Analyzed: 12/17/2020								
4,4'-DDD	0.0388	0.00164	mg/kg wet	0.0332		117	40-140				
4,4'-DDE	0.0319	0.00164	"	0.0332		96.0	40-140				
4,4'-DDT	0.0268	0.00164	"	0.0332		80.7	40-140				
Aldrin	0.0361	0.00164	"	0.0332		109	40-140				
alpha-BHC	0.0341	0.00164	"	0.0332		103	40-140				
alpha-Chlordane	0.0332	0.00164	"	0.0332		100	40-140				
beta-BHC	0.0337	0.00164	"	0.0332		102	40-140				
delta-BHC	0.0317	0.00164	"	0.0332		95.5	40-140				
Dieldrin	0.0343	0.00164	"	0.0332		103	40-140				
Endosulfan I	0.0360	0.00164	"	0.0332		108	40-140				
Endosulfan II	0.0374	0.00164	"	0.0332		113	40-140				
Endosulfan sulfate	0.0371	0.00164	"	0.0332		112	40-140				
Endrin	0.0299	0.00164	"	0.0332		90.1	40-140				
Endrin aldehyde	0.0278	0.00164	"	0.0332		83.7	40-140				
Endrin ketone	0.0356	0.00164	"	0.0332		107	40-140				
gamma-BHC (Lindane)	0.0355	0.00164	"	0.0332		107	40-140				
gamma-Chlordane	0.0344	0.00164	"	0.0332		104	40-140				
Heptachlor	0.0316	0.00164	"	0.0332		95.0	40-140				
Heptachlor epoxide	0.0361	0.00164	"	0.0332		109	40-140				
Methoxychlor	0.0247	0.00822	"	0.0332		74.3	40-140				
Surrogate: Decachlorobiphenyl	0.0608		"	0.0664		91.5	30-150				
Surrogate: Tetrachloro-m-xylene	0.0602		"	0.0664		90.7	30-150				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch Y0L0501 - BL00027

Performance Mix (Y0L0501-P Performance Mix						Prepared & Analyzed: 12/05/2020					
4,4'-DDD	4.16		ng/mL	0.00			0-200				
4,4'-DDE	1.04		"	0.00			0-200				
4,4'-DDT	182		"	200		91.2	0-200				
Endrin	97.9		"	100		97.9	0-200				
Endrin aldehyde	1.33		"	0.00			0-200				
Endrin ketone	2.35		"	0.00			0-200				

Batch Y0L1825 - BL00699

Performance Mix (Y0L1825-P Performance Mix						Prepared & Analyzed: 12/17/2020					
4,4'-DDD	7.82		ng/mL	0.00			0-200				
4,4'-DDE	1.28		"	0.00			0-200				
4,4'-DDT	138		"	200		69.1	0-200				
Endrin	74.4		"	100		74.4	0-200				
Endrin aldehyde	1.51		"	0.00			0-200				
Endrin ketone	2.61		"	0.00			0-200				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BL00959 - EPA 3550C											
Blank (BL00959-BLK2)	Blank							Prepared: 12/16/2020 Analyzed: 12/17/2020			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	0.0535		"	0.0664		80.5	30-140				
Surrogate: Decachlorobiphenyl	0.0555		"	0.0664		83.5	30-140				
LCS (BL00959-BS2)	LCS							Prepared: 12/16/2020 Analyzed: 12/17/2020			
Aroclor 1016	0.327	0.0166	mg/kg wet	0.332		98.6	40-130				
Aroclor 1260	0.360	0.0166	"	0.332		108	40-130				
Surrogate: Tetrachloro-m-xylene	0.0571		"	0.0664		86.0	30-140				
Surrogate: Decachlorobiphenyl	0.0621		"	0.0664		93.5	30-140				
Matrix Spike (BL00959-MS2)	Matrix Spike	*Source sample: 20L0680-03 (SB5_0-1)						Prepared: 12/16/2020 Analyzed: 12/17/2020			
Aroclor 1016	0.162	0.0183	mg/kg dry	0.366	ND	44.4	40-140				
Aroclor 1260	0.283	0.0183	"	0.366	ND	77.3	40-140				
Surrogate: Tetrachloro-m-xylene	0.0491		"	0.0733		67.0	30-140				
Surrogate: Decachlorobiphenyl	0.0465		"	0.0733		63.5	30-140				
Matrix Spike Dup (BL00959-MS2)	Matrix Spike Dup	*Source sample: 20L0680-03 (SB5_0-1)						Prepared: 12/16/2020 Analyzed: 12/17/2020			
Aroclor 1016	0.150	0.0183	mg/kg dry	0.366	ND	41.1	40-140		7.68	50	
Aroclor 1260	0.258	0.0183	"	0.366	ND	70.3	40-140		9.46	50	
Surrogate: Tetrachloro-m-xylene	0.0527		"	0.0733		72.0	30-140				
Surrogate: Decachlorobiphenyl	0.0454		"	0.0733		62.0	30-140				



Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch Y0L1712 - BL00843

Aroclor Reference (Y0L1712~) Aroclor Reference

Prepared & Analyzed: 12/17/2020

Surrogate: Tetrachloro-m-xylene	0.208		ug/mL	0.200		104					
Surrogate: Decachlorobiphenyl	0.280		"	0.200		140					



Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00846 - EPA 3550C/8151A

Blank (BL00846-BLK1)	Blank								Prepared & Analyzed: 12/15/2020		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.479		"	0.500		95.8	21-150				
LCS (BL00846-BS1)	LCS								Prepared & Analyzed: 12/15/2020		
2,4,5-T	0.0960	0.0200	mg/kg wet	0.160		60.0	10-120				
2,4,5-TP (Silvex)	0.121	0.0200	"	0.160		75.6	10-120				
2,4-D	0.111	0.0200	"	0.160		69.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.495		"	0.500		99.0	21-150				

Batch BL00937 - EPA 3550C/8151A

Blank (BL00937-BLK1)	Blank								Prepared & Analyzed: 12/16/2020		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.490		"	0.500		98.0	21-150				
LCS (BL00937-BS1)	LCS								Prepared & Analyzed: 12/16/2020		
2,4,5-T	0.0980	0.0200	mg/kg wet	0.160		61.2	10-120				
2,4,5-TP (Silvex)	0.120	0.0200	"	0.160		75.0	10-120				
2,4-D	0.110	0.0200	"	0.160		68.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	0.480		"	0.500		96.0	21-150				



Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00868 - EPA 3015A

Blank (BL00868-BLK1)	Blank										Prepared: 12/15/2020 Analyzed: 12/19/2020
Aluminum - Dissolved	ND	0.0500	mg/L								
Barium - Dissolved	ND	0.0250	"								
Calcium - Dissolved	ND	0.0500	"								
Chromium - Dissolved	ND	0.00500	"								
Cobalt - Dissolved	ND	0.00400	"								
Copper - Dissolved	ND	0.0200	"								
Iron - Dissolved	ND	0.250	"								
Lead - Dissolved	ND	0.00500	"								
Magnesium - Dissolved	ND	0.0500	"								
Manganese - Dissolved	ND	0.00500	"								
Nickel - Dissolved	ND	0.0100	"								
Potassium - Dissolved	ND	0.0500	"								
Silver - Dissolved	ND	0.00500	"								
Sodium - Dissolved	ND	0.500	"								
Vanadium - Dissolved	ND	0.0100	"								
Zinc - Dissolved	ND	0.0250	"								

LCS (BL00868-BS1)	LCS										Prepared: 12/15/2020 Analyzed: 12/19/2020
Aluminum - Dissolved	1.96		ug/mL	2.00		97.9	80-120				
Barium - Dissolved	2.03		"	2.00		101	80-120				
Calcium - Dissolved	1.02		"	1.00		102	80-120				
Chromium - Dissolved	0.193		"	0.200		96.3	80-120				
Cobalt - Dissolved	0.489		"	0.500		97.9	80-120				
Copper - Dissolved	0.263		"	0.250		105	80-120				
Iron - Dissolved	1.00		"	1.00		100	80-120				
Lead - Dissolved	0.512		"	0.500		102	80-120				
Magnesium - Dissolved	0.976		"	1.00		97.6	80-120				
Manganese - Dissolved	0.503		"	0.500		101	80-120				
Nickel - Dissolved	0.480		"	0.500		96.0	80-120				
Potassium - Dissolved	0.940		"	1.00		94.0	80-120				
Silver - Dissolved	0.0542		"	0.0500		108	80-120				
Sodium - Dissolved	0.937		"	1.00		93.7	80-120				
Vanadium - Dissolved	0.497		"	0.500		99.3	80-120				
Zinc - Dissolved	0.473		"	0.500		94.7	80-120				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00894 - EPA 3050B

Blank (BL00894-BLK1)	Blank										Prepared: 12/15/2020 Analyzed: 12/19/2020
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Reference (BL00894-SRM1)	Reference										Prepared: 12/15/2020 Analyzed: 12/19/2020
Aluminum	8270	5.00	mg/kg wet	8460		97.7	50.5-150.1				
Antimony	61.2	2.50	"	120		51.0	19-251.7				
Arsenic	101	1.50	"	95.5		106	70.1-129.8				
Barium	317	2.50	"	300		106	75-125				
Beryllium	108	0.050	"	103		105	75-125.2				
Cadmium	138	0.300	"	135		102	74.8-125.2				
Calcium	4680	5.00	"	4720		99.1	72.7-127.5				
Chromium	142	0.500	"	147		96.9	70.1-129.9				
Cobalt	45.1	0.400	"	43.2		104	75-125				
Copper	163	2.00	"	150		109	75.3-125.3				
Iron	14200	25.0	"	14400		98.7	35.8-164.6				
Lead	90.2	0.500	"	92.3		97.7	70-130				
Magnesium	2300	5.00	"	2300		100	61.7-137.8				
Manganese	687	0.500	"	677		102	78.1-122				
Nickel	69.3	1.00	"	59.8		116	70.1-130.1				
Potassium	2080	5.00	"	2030		103	59.1-140.9				
Selenium	29.8	2.50	"	42.0		71.0	55.7-144.5				
Silver	43.1	0.500	"	40.3		107	69.2-130.8				
Sodium	111	50.0	"	139		79.7	36.1-163.3				
Thallium	83.1	2.50	"	83.1		100	65.3-146.8				
Vanadium	94.3	1.00	"	96.9		97.3	67-133.1				
Zinc	372	2.50	"	369		101	69.9-130.1				



Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL00867 - EPA 3015A

Blank (BL00867-BLK1)	Blank		Prepared: 12/15/2020 Analyzed: 12/18/2020								
Antimony - Dissolved	ND	0.00100	mg/L								
Arsenic - Dissolved	ND	0.00100	"								
Beryllium - Dissolved	ND	0.000300	"								
Cadmium - Dissolved	ND	0.000500	"								
Selenium - Dissolved	ND	0.00100	"								
Thallium - Dissolved	ND	0.00100	"								
LCS (BL00867-BS1)	LCS		Prepared: 12/15/2020 Analyzed: 12/18/2020								
Antimony - Dissolved	48.2		ug/L	50.0		96.4	80-120				
Arsenic - Dissolved	49.6		"	50.0		99.3	80-120				
Beryllium - Dissolved	48.2		"	50.0		96.4	80-120				
Cadmium - Dissolved	47.3		"	50.0		94.5	80-120				
Selenium - Dissolved	53.1		"	50.0		106	80-120				
Thallium - Dissolved	56.3		"	50.0		113	80-120				



Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01145 - EPA 7473 soil

Blank (BL01145-BLK1)	Blank								Prepared & Analyzed: 12/19/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BL01145-SRM1)	Reference								Prepared & Analyzed: 12/19/2020		
Mercury	2.8126		mg/kg	3.71		75.8	65-135				

Batch BL01171 - EPA 7473 soil

Blank (BL01171-BLK1)	Blank								Prepared & Analyzed: 12/19/2020		
Mercury	ND	0.0300	mg/kg wet								
Reference (BL01171-SRM1)	Reference								Prepared & Analyzed: 12/19/2020		
Mercury	2.7123		mg/kg	3.71		73.1	65-135				



Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BL01034 - EPA SW846-3060

Blank (BL01034-BLK1)	Blank								Prepared & Analyzed: 12/17/2020		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Reference (BL01034-SRM1)	Reference								Prepared & Analyzed: 12/17/2020		
Chromium, Hexavalent	74.5		mg/L	92.5		80.6	25.95-196.76				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC Limits	Flag	RPD Limit	Flag
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Batch BL01085 - % Solids Prep

Duplicate (BL01085-DUP1)	Duplicate	*Source sample: 20L0680-03 (SB5_0-1)					Prepared & Analyzed: 12/18/2020				
% Solids	92.8	0.100	%		90.7			2.30	20		



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20L0680-01	SB5_7-8	40mL Vial with Stir Bar-Cool 4° C
20L0680-02	SB5_3-4	40mL Vial with Stir Bar-Cool 4° C
20L0680-03	SB5_0-1	40mL Vial with Stir Bar-Cool 4° C
20L0680-04	SB2_0-1	40mL Vial with Stir Bar-Cool 4° C
20L0680-05	SB6_0-1.5	40mL Vial with Stir Bar-Cool 4° C
20L0680-06	SB1_0-1	40mL Vial with Stir Bar-Cool 4° C
20L0680-07	SB3_0-1	40mL Vial with Stir Bar-Cool 4° C
20L0680-08	SB4_14-16	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
20L0680-09	TMW05_121120	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C



Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-CRL	The RL check for this element recovered outside of control limits.
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.
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.

Corrective Action: An unpreserved container was not submitted for Trivalent & Hexavalent Chromium analysis for sample TMW05_121120.



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Field Chain-of-Custody Record

YORK Project No.
2020080

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

Page 2 of 2

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:	Company:	Company:	Company:	Company:	Company:	CT RCP	Standard Excel EDD	RUSH - Next Day	
Address:	Address:	Address:	Address:	Address:	Address:	CT RCP DQA/DUE	EQUIS (Standard)	RUSH - Two Day	
Phone:	Phone:	Phone:	Phone:	Phone:	Phone:	NY ASP A Package	NYSDEC EQUIS	RUSH - Three Day	
Contact:	Contact:	Contact:	Contact:	Contact:	Contact:	NY ASP B Package	NJDEP SRP HazSite	RUSH - Four Day	
E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	E-mail:	NJDKQP	Other:	Standard (5-7 Day)	
Samples Collected by: (print your name above and sign below)		Matrix Codes		Samples From		Report / EDD Type (circle selections)		YORK Reg. Comp.	
Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.		S - soil / solid		New York		Summary Report		Compared to the following Regulation(s): (please fill in)	
		GW - groundwater		New Jersey		QA Report			
		DW - drinking water		Connecticut		NY ASP A Package			
		WW - wastewater		Pennsylvania		NY ASP B Package			
		O - Oil ; Other		Other					
Sample Identification		Sample Matrix		Date/Time Sampled		Analysis Requested		Container Description	
585-7-8		S		12/11/20 9:00 PM		TCI VOCs, SVOCs, Metals, Pesticides & Herbicides			
585-3-4				940					
585-0-1				985					
585-2-0-1				1440					
586-0-1.5				1345					
587-0-1				1500					
588-0-1				1175					
584-14-16				1100					
TMDCS-12/12/20		GW		1300					
Comments:		Preservation: (check all that apply)		Special Instruction					
		HCl MeOH HNO ₃ H ₂ SO ₄ NaOH ZnAc		Field Filtered Lab to Filter					
		Ascorbic Acid Other:		Date/Time					
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time		Temp. Received at Lab	
York Analytical Laboratories, Inc.		12/11/20 4:00 PM		York		12/11/20 2034		5.0	
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
York Analytical Laboratories, Inc.		12/11/20 17:00		ED/GR		12/11/20 2034			
Samples Relinquished by / Company		Date/Time		Samples Relinquished by / Company		Date/Time			
York Analytical Laboratories, Inc.		12/11/20 17:00		ED/GR		12/11/20 2034			