

September 17, 2020

David Oliveira
55 Knowles Street
Yonkers, New York 10705

via e-mail: david@westmetals.net

Re: Site Characterization Sampling
1100 Saw Mill River Road, Yonkers, New York
WCD File: GY17120

Dear Mr. Oliveira:

This Letter documents Site characterization sampling activities conducted by Gallagher Bassett Technical Services (GBTS) at the above-referenced property on July 23, 2020. Figures showing the site layout (survey map) and sampling locations, and a data summary table with supporting laboratory report, are attached.

The Site is a vacant commercial parcel, containing large stockpiles of rocks, sand, gravel and broken concrete slabs, which covers almost the entire property. The survey map shows the distribution and elevations of stockpiled materials (distinct areas are labeled "A", "B", etc).

An excavator operated by on-site personnel extended three test pits (one each on Lots 470, 475 and 477) through the aboveground stockpile and into subsurface soils. Five soil samples (TP-01 to TP-05) were collected by GBTS and submitted for laboratory analysis.

Laboratory data document the following contamination conditions:

1. Volatile organic compounds (VOCs) related to petroleum were reported above NYSDEC Soil Cleanup Objectives (SCOs) for Unrestricted Use (UU) at Lot 477 (TP-05). The solvents acetone and methylene chloride were reported above UU SCOs in all samples (although typically associated with laboratory cross contamination, some of these values are high enough to suggest possible Site contamination).
2. Polycyclic aromatic hydrocarbons (PAHs) were reported above SCOs for Restricted Commercial Use (RCU) at Lot 470 (TP-04) and Lot 477 (TP-05).
3. Metals (barium, copper, and/or lead) were reported above RCU SCOs at Lot 475 (TP-01) and Lot 470 (TP-03), and above UU SCOs at all Lots.
4. Pesticides were above UU SCOs at all Lots, and PCBs were above UU SCOs at Lot 475 (TP-01 and TP-02).

These findings support the conclusion that subsurface soils have been impacted by historical Site uses.

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Please review this letter and call Scott Spitzer at (845) 452-1658 should you have any questions or comments. We appreciate the opportunity to provide this service to you and look forward to working with you in the future.

Sincerely,



Richard Hooker, GBTS
Manager, Environmental Consulting



Scott Spitzer, GBTS
Technical Director – Environmental Consulting

Attachments: Fieldwork Map
Data Summary Tables
Laboratory Report



TP-05 (2020-07-23)	
VOCs, 8260	
1,2,4-Trimethylbenzene	46
1,3,5-Trimethylbenzene	9.1
Acetone	15
Ethyl Benzene	3.1
Isopropylbenzene	2.5
Methylene chloride	15
n-Propylbenzene	5.6
p- & m- Xylenes	12
SVOCs, 8270	
Benzo(a)anthracene	1.96
Benzo(a)pyrene	1.74
Benzo(b)fluoranthene	1.46
Benzo(k)fluoranthene	1.36
Chrysene	1.72
Dibenzo(a,h)anthracene	0.341
Indeno(1,2,3-cd)pyrene	0.847
Pesticides, 8081	
4,4'-DDE	0.00907
Metals, 6010 and 7473	
Copper	85.2
Lead	124
Zinc	224

TP-01 (2020-07-23)	
VOCs, 8260	
Acetone	13
Methylene chloride	0.25
Pesticides, 8081	
4,4'-DDD	0.0221
4,4'-DDE	0.0065
PCBs, 8082	
Aroclor 1260	0.77
Metals, 6010 and 7473	
Arsenic	13.4
Barium	752
Cadmium	5.33
Chromium	33.3
Copper	409
Lead	1,230
Nickel	53.1
Zinc	1,040

TP-04 (2020-07-23)	
VOCs, 8260	
Acetone	0.18
Methylene chloride	0.091
SVOCs, 8270	
Benzo(a)anthracene	12.4
Benzo(a)pyrene	11.1
Benzo(b)fluoranthene	9.53
Benzo(k)fluoranthene	8.6
Chrysene	11.2
Dibenzo(a,h)anthracene	2.45
Indeno(1,2,3-cd)pyrene	6
Pesticides, 8081	
4,4'-DDD	0.0272
4,4'-DDE	0.0158
Metals, 6010 and 7473	
Barium	622
Cadmium	5.55
Lead	355
Mercury	0.388
Zinc	1,400

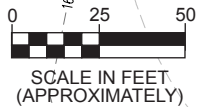
Legend:

- subject property
- test pit location

All data in mg/Kg (ppm)	
Analyte Above UU SCO	
Analyte Above RCU SCO	

TP-02 (2020-07-23)	
VOCs, 8260	
Acetone	0.086
Pesticides, 8081	
4,4'-DDD	0.00674
Dieldrin	0.0062
PCBs, 8082	
Aroclor 1260	0.119
Metals, 6010 and 7473	
Copper	66.1
Lead	128
Mercury	0.19
Zinc	156

TP-03 (2020-07-23)	
VOCs, 8260	
Acetone	110
Methylene chloride	0.23
Metals, 6010 and 7473	
Barium	863
Cadmium	8.41
Chromium	36.7
Copper	685
Lead	1,240
Mercury	0.419
Nickel	47.9
Zinc	1,360



Fieldwork Map

1100 Saw Mill River Road
City of Yonkers
Westchester County, New York

File: GY17120.50

Scale as shown

July2020

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

Table 1: VOCs in Soils

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCO's shown in Bold		Sample ID Sample Date Dilution Factor	TP-01 (2020-07-23) 100		TP-02 (2020-07-23) 1		TP-03 (2020-07-23) 100		TP-04 (2020-07-23) 1	
			Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
VOCs, 8260		UU SCO	RCU SCO							
1,1,1,2-Tetrachloroethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1,1-Trichloroethane	0.68	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1,2,2-Tetrachloroethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1,2-Trichloroethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1-Dichloroethane	0.27	240	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,1-Dichloroethylene (1,1-DCE)	0.33	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2,3-Trichlorobenzene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2,3-Trichloropropane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2,4-Trichlorobenzene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2,4-Trimethylbenzene	3.6	190	0.019		0.047		0.0057	U	0.0098	
1,2-Dibromo-3-chloropropane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2-Dibromoethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2-Dichlorobenzene	1.1	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2-Dichloroethane	0.02	30.0	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,2-Dichloropropane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,3,5-Trimethylbenzene	8.4	190	0.011		0.017		0.0057	U	0.0044	U
1,3-Dichlorobenzene	2.4	280	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,4-Dichlorobenzene	1.8	130	0.0038	U	0.0063	U	0.0057	U	0.0044	U
1,4-Dioxane	0.1	130	0.077	U	0.13	U	0.11	U	0.088	U
2-Butanone (MEK)	0.12	500	0.0052	J	0.0063	U	0.041		0.014	
2-Hexanone	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
4-Methyl-2-pentanone	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Acetone	0.05	500	13	D	0.086		110	D	0.18	
Acrolein	NA	NA	0.0077	U	0.013	U	0.011	U	0.0088	U
Acrylonitrile	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Benzene	0.06	44.0	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Bromochloromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Bromodichloromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Bromoform	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Bromomethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Carbon disulfide	NA	NA	0.0075	J	0.0063	U	0.0057	U	0.016	
Carbon tetrachloride	0.76	22.0	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Chlorobenzene	1.1	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Chloroethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Chloroform	0.37	350	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Chloromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
cis-1,3-Dichloropropylene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Cyclohexane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Dibromochloromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Dibromomethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Dichlorodifluoromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Ethyl Benzene	1	390	0.0054	J	0.0063	U	0.0057	U	0.0044	U
Hexachlorobutadiene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Isopropylbenzene	2.3	NA	0.0069	J	0.0063	U	0.0057	U	0.0063	J
Methyl acetate	NA	NA	0.0038	U	0.06		0.0057	U	0.0044	U
Methyl tert-butyl ether (MTBE)	0.93	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Methylcyclohexane	NA	NA	0.0044	J	0.0063	U	0.0057	U	0.0048	J
Methylene chloride	0.05	500	0.25		0.013	U	0.23		0.091	
n-Butylbenzene	12	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
n-Propylbenzene	3.9	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
o-Xylene	0.26	500	0.0065	J	0.0063	U	0.0057	U	0.0044	U
p- & m- Xylenes	0.26	500	0.0078	J	0.038		0.011	U	0.0088	U
p-Isopropyltoluene	10	NA	0.013		0.0063	U	0.0057	U	0.0044	U
sec-Butylbenzene	11	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Styrene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
tert-Butyl alcohol (TBA)	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
tert-Butylbenzene	5.9	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Tetrachloroethylene (PCE)	1.3	150	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Toluene	0.7	500	0.013		0.0063	U	0.0057	U	0.0044	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	500	0.0038	U	0.0063	U	0.0057	U	0.0044	U
trans-1,3-Dichloropropylene	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Trichloroethylene (TCE)	0.47	200	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Trichlorofluoromethane	NA	NA	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Vinyl chloride (VC)	0.02	13.0	0.0038	U	0.0063	U	0.0057	U	0.0044	U
Xylenes, Total	0.26	500	0.014	J	0.038		0.017	U	0.013	U

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

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

Table 1: VOCs in Soils

All data in mg/Kg (ppm)		Sample ID	TP-05	
U= Not Detected ≥ value		Sample Date	(2020-07-23)	
Data above SCO's shown in Bold		Dilution Factor	100	
VOCs, 8260	UU SCO	RCU SCO	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	1.3	U
1,1,1-Trichloroethane	0.68	500	1.3	U
1,1,2,2-Tetrachloroethane	NA	NA	1.3	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	1.3	U
1,1,2-Trichloroethane	NA	NA	1.3	U
1,1-Dichloroethane	0.27	240	1.3	U
1,1-Dichloroethylene (1,1-DCE)	0.33	500	1.3	U
1,2,3-Trichlorobenzene	NA	NA	1.3	U
1,2,3-Trichloropropane	NA	NA	1.3	U
1,2,4-Trichlorobenzene	NA	NA	1.3	U
1,2,4-Trimethylbenzene	3.6	190	46	D
1,2-Dibromo-3-chloropropane	NA	NA	1.3	U
1,2-Dibromoethane	NA	NA	1.3	U
1,2-Dichlorobenzene	1.1	500	1.3	U
1,2-Dichloroethane	0.02	30.0	1.3	U
1,2-Dichloropropane	NA	NA	1.3	U
1,3,5-Trimethylbenzene	8.4	190	9.1	D
1,3-Dichlorobenzene	2.4	280	1.3	U
1,4-Dichlorobenzene	1.8	130	1.3	U
1,4-Dioxane	0.1	130	26	U
2-Butanone (MEK)	0.12	500	1.3	U
2-Hexanone	NA	NA	1.3	U
4-Methyl-2-pentanone	NA	NA	1.3	U
Acetone	0.05	500	15	D
Acrolein	NA	NA	2.6	U
Acrylonitrile	NA	NA	1.3	U
Benzene	0.06	44.0	1.3	U
Bromochloromethane	NA	NA	1.3	U
Bromodichloromethane	NA	NA	1.3	U
Bromoform	NA	NA	1.3	U
Bromomethane	NA	NA	1.7	JD
Carbon disulfide	NA	NA	1.3	U
Carbon tetrachloride	0.76	22.0	1.3	U
Chlorobenzene	1.1	500	1.3	U
Chloroethane	NA	NA	1.3	U
Chloroform	0.37	350	1.3	U
Chloromethane	NA	NA	4.6	BD
cis-1,2-Dichloroethylene (cis-DCE)	0.25	500	1.3	U
cis-1,3-Dichloropropylene	NA	NA	1.3	U
Cyclohexane	NA	NA	1.3	U
Dibromochloromethane	NA	NA	1.3	U
Dibromomethane	NA	NA	1.3	U
Dichlorodifluoromethane	NA	NA	1.3	U
Ethyl Benzene	1	390	3.1	D
Hexachlorobutadiene	NA	NA	1.3	U
Isopropylbenzene	2.3	NA	2.5	JD
Methyl acetate	NA	NA	1.3	U
Methyl tert-butyl ether (MTBE)	0.93	500	1.3	U
Methylcyclohexane	NA	NA	9.6	D
Methylene chloride	0.05	500	15	D
n-Butylbenzene	12	500	2.1	JD
n-Propylbenzene	3.9	500	5.6	D
o-Xylene	0.26	500	1.3	U
p- & m- Xylenes	0.26	500	12	D
p-Isopropyltoluene	10	NA	1.5	JD
sec-Butylbenzene	11	500	1.7	JD
Styrene	NA	NA	1.3	U
tert-Butyl alcohol (TBA)	NA	NA	1.3	U
tert-Butylbenzene	5.9	500	1.3	U
Tetrachloroethylene (PCE)	1.3	150	1.3	U
Toluene	0.7	500	1.3	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	500	1.3	U
trans-1,3-Dichloropropylene	NA	NA	1.3	U
Trichloroethylene (TCE)	0.47	200	1.3	U
Trichlorofluoromethane	NA	NA	1.3	U
Vinyl chloride (VC)	0.02	13.0	1.3	U
Xylenes, Total	0.26	500	12	D

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

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

Table: SVOCs in Soils

Sample ID			TP-01		TP-02		TP-03		TP-04	
Sample Date			(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)	
Dilution Factor			2		2		2		20	
SVOCs, 8270	UU SCO	RCU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1'-Biphenyl	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.165	D
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
1,2,4-Trichlorobenzene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
1,2-Dichlorobenzene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
1,3-Dichlorobenzene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
1,4-Dichlorobenzene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,3,4,6-Tetrachlorophenol	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
2,4,5-Trichlorophenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,4,6-Trichlorophenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,4-Dichlorophenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,4-Dimethylphenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,4-Dinitrophenol	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
2,4-Dinitrotoluene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2,6-Dinitrotoluene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2-Chloronaphthalene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2-Chlorophenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2-Methylnaphthalene	NA	NA	1.26	D	0.0712	JD	0.0695	JD	1.22	D
2-Methylphenol	0.33	500	0.0444	U	0.0496	U	0.0538	U	0.0506	U
2-Nitroaniline	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
2-Nitrophenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
3- & 4-Methylphenols	0.33	500	0.0444	U	0.0496	U	0.0538	U	0.0506	U
3,3'-Dichlorobenzidine	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
3-Nitroaniline	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
4,6-Dinitro-2-methylphenol	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
4-Bromophenyl phenyl ether	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
4-Chloro-3-methylphenol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
4-Chloroaniline	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
4-Chlorophenyl phenyl ether	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
4-Nitroaniline	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
4-Nitrophenol	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
Acenaphthene	20	500	0.149	D	0.105	D	0.0538	U	3.22	D
Acenaphthylene	100	500	0.0444	U	0.0496	U	0.061	JD	0.37	D
Acetophenone	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Aniline	NA	NA	0.177	U	0.198	U	0.215	U	0.202	U
Anthracene	100	500	0.186	D	0.309	D	0.143	D	7.16	D
Atrazine	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Benzaldehyde	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Benidine	NA	NA	0.177	U	0.198	U	0.215	U	0.202	U
Benzo(a)anthracene	1	5.6	0.271	D	0.75	D	0.578	D	12.4	D
Benzo(a)pyrene	1	1	0.284	D	0.782	D	0.634	D	11.1	D
Benzo(b)fluoranthene	1	5.6	0.257	D	0.731	D	0.592	D	9.53	D
Benzo(g,h,i)perylene	100	500	0.206	D	0.507	D	0.464	D	5.84	D
Benzo(k)fluoranthene	0.8	56	0.257	D	0.59	D	0.501	D	8.6	D
Benzoic acid	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Benzyl alcohol	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Benzyl butyl phthalate	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.449	D
Bis(2-chloroethoxy)methane	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Bis(2-chloroethyl)ether	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Bis(2-chloroisopropyl)ether	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Bis(2-ethylhexyl)phthalate	NA	NA	2.71	D	2.68	D	0.405	D	2.5	D
Caprolactam	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
Carbazole	NA	NA	0.0983	D	0.0704	JD	0.0558	JD	3.43	D
Chrysene	1	56	0.321	D	0.732	D	0.588	D	11.2	D
Dibenzo(a,h)anthracene	0.33	0.56	0.0651	JD	0.188	D	0.103	JD	2.45	D
Dibenzofuran	7	350	0.102	D	0.0704	JD	0.0538	U	2.49	D
Diethyl phthalate	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Dimethyl phthalate	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Di-n-butyl phthalate	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.117	D
Di-n-octyl phthalate	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Diphenylamine	NA	NA	0.0885	U	0.099	U	0.107	U	0.101	U
Fluoranthene	100	500	0.639	D	1.61	D	0.988	D	29.2	D
Fluorene	30	500	0.29	D	0.144	D	0.0538	U	4.28	D
Hexachlorobenzene	0.33	6.0	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Hexachlorobutadiene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Hexachlorocyclopentadiene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Hexachloroethane	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.143	D	0.435	D	0.379	D	6	D
Isophorone	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Naphthalene	12	500	0.606	D	0.0823	JD	0.0538	U	1.69	D
Nitrobenzene	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
N-Nitrosodimethylamine	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
N-nitroso-di-n-propylamine	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
N-Nitrosodiphenylamine	NA	NA	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Pentachlorophenol	0.8	6.7	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Phenanthrene	100	500	0.822	D	1.04	D	0.438	D	26.2	D
Phenol	0.33	500	0.0444	U	0.0496	U	0.0538	U	0.0506	U
Pyrene	100	500	0.676	D	1.38	D	0.899	D	23.7	D

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

Notes: SCOs based on NYSDEC Part 375-6.8 and CP-51 NA = not available

Result Qualifiers: J = approximate E = estimated B = detected in blank D = diluted

Table: SVOCs in Soils

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCO's shown in Bold		Sample ID	TP-05	
		Sample Date	(2020-07-23)	
		Dilution Factor	5	
SVOCs, 8270	UU SCO	RCU SCO	Result	Qualifier
1,1'-Biphenyl	NA	NA	0.049	U
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0977	U
1,2,4-Trichlorobenzene	NA	NA	0.049	U
1,2-Dichlorobenzene	NA	NA	0.049	U
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.049	U
1,3-Dichlorobenzene	NA	NA	0.049	U
1,4-Dichlorobenzene	NA	NA	0.049	U
2,3,4,6-Tetrachlorophenol	NA	NA	0.0977	U
2,4,5-Trichlorophenol	NA	NA	0.049	U
2,4,6-Trichlorophenol	NA	NA	0.049	U
2,4-Dichlorophenol	NA	NA	0.049	U
2,4-Dimethylphenol	NA	NA	0.049	U
2,4-Dinitrophenol	NA	NA	0.0977	U
2,4-Dinitrotoluene	NA	NA	0.049	U
2,6-Dinitrotoluene	NA	NA	0.049	U
2-Chloronaphthalene	NA	NA	0.049	U
2-Chlorophenol	NA	NA	0.049	U
2-Methylnaphthalene	NA	NA	0.179	D
2-Methylphenol	0.33	500	0.049	U
2-Nitroaniline	NA	NA	0.0977	U
2-Nitrophenol	NA	NA	0.049	U
3- & 4-Methylphenols	0.33	500	0.049	U
3,3'-Dichlorobenzidine	NA	NA	0.049	U
3-Nitroaniline	NA	NA	0.0977	U
4,6-Dinitro-2-methylphenol	NA	NA	0.0977	U
4-Bromophenyl phenyl ether	NA	NA	0.049	U
4-Chloro-3-methylphenol	NA	NA	0.049	U
4-Chloroaniline	NA	NA	0.049	U
4-Chlorophenyl phenyl ether	NA	NA	0.049	U
4-Nitroaniline	NA	NA	0.0977	U
4-Nitrophenol	NA	NA	0.0977	U
Acenaphthene	20	500	0.413	D
Acenaphthylene	100	500	0.0766	JD
Acetophenone	NA	NA	0.049	U
Aniline	NA	NA	0.196	U
Anthracene	100	500	1.12	D
Atrazine	NA	NA	0.049	U
Benzaldehyde	NA	NA	0.049	U
Benidine	NA	NA	0.196	U
Benzo(a)anthracene	1	5.6	1.96	D
Benzo(a)pyrene	1	1	1.74	D
Benzo(b)fluoranthene	1	5.6	1.46	D
Benzo(g,h,i)perylene	100	500	0.858	D
Benzo(k)fluoranthene	0.8	56	1.36	D
Benzoic acid	NA	NA	0.049	U
Benzyl alcohol	NA	NA	0.049	U
Benzyl butyl phthalate	NA	NA	0.321	D
Bis(2-chloroethoxy)methane	NA	NA	0.049	U
Bis(2-chloroethyl)ether	NA	NA	0.049	U
Bis(2-chloroisopropyl)ether	NA	NA	0.049	U
Bis(2-ethylhexyl)phthalate	NA	NA	3.25	D
Caprolactam	NA	NA	0.0977	U
Carbazole	NA	NA	0.377	D
Chrysene	1	56	1.72	D
Dibenzo(a,h)anthracene	0.33	0.56	0.341	D
Dibenzofuran	7	350	0.278	D
Diethyl phthalate	NA	NA	0.049	U
Dimethyl phthalate	NA	NA	0.049	U
Di-n-butyl phthalate	NA	NA	0.049	U
Di-n-octyl phthalate	NA	NA	0.049	U
Diphenylamine	NA	NA	0.0977	U
Fluoranthene	100	500	3.87	D
Fluorene	30	500	0.527	D
Hexachlorobenzene	0.33	6.0	0.049	U
Hexachlorobutadiene	NA	NA	0.049	U
Hexachlorocyclopentadiene	NA	NA	0.049	U
Hexachloroethane	NA	NA	0.049	U
Indeno(1,2,3-cd)pyrene	0.5	5.6	0.847	D
Isophorone	NA	NA	0.049	U
Naphthalene	12	500	0.191	D
Nitrobenzene	NA	NA	0.049	U
N-Nitrosodimethylamine	NA	NA	0.049	U
N-nitroso-di-n-propylamine	NA	NA	0.049	U
N-Nitrosodiphenylamine	NA	NA	0.049	U
Pentachlorophenol	0.8	6.7	0.049	U
Phenanthrene	100	500	3.26	D
Phenol	0.33	500	0.049	U
Pyrene	100	500	3.45	D

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

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

Table: Pesticides and PCBs in Soils

Sample ID			TP-01		TP-02		TP-03		TP-04		TP-05	
Sample Date			(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)	
Dilution Factor			5		5		5		5		5	
Pesticides, 8081	UU SCO	RCU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	92	0.0221	DP	0.00674	D	0.00214	U	0.0272	D	0.00191	U
4,4'-DDE	0.0033	62	0.0065	D	0.00193	U	0.00214	U	0.0158	D	0.00907	D
4,4'-DDT	0.0033	47	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Aldrin	0.005	0.68	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
alpha-BHC	0.02	3.4	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
alpha-Chlordane	0.094	24	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
beta-BHC	0.036	3	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Chlordane (total)	NA	NA	0.035	U	0.0387	U	0.0428	U	0.0397	U	0.0382	U
delta-BHC	0.04	500	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Dieldrin	0.005	1.4	0.00175	U	0.0062	DP	0.00214	U	0.00198	U	0.00191	U
Endosulfan I	2.4	200	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Endosulfan II	2.4	200	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Endosulfan sulfate	2.4	200	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Endrin	0.014	89	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Endrin aldehyde	NA	NA	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Endrin ketone	NA	NA	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
gamma-BHC (Lindane)	0.1	9.2	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
gamma-Chlordane	NA	NA	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Heptachlor	0.042	15	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Heptachlor Epoxide	NA	NA	0.00175	U	0.00193	U	0.00214	U	0.00198	U	0.00191	U
Methoxychlor	NA	NA	0.00875	U	0.00967	U	0.0107	U	0.00992	U	0.00954	U
Toxaphene	NA	NA	0.0886	U	0.0979	U	0.108	U	0.1	U	0.0966	U

Sample ID			TP-01		TP-02		TP-03		TP-04		TP-05	
Sample Date			(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)	
Dilution Factor			1		1		1		5		1	
PCBs, 8082	UU SCO	RCU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aroclor 1016	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1221	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1232	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1242	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1248	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1254	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1260	0.1	1.00	0.77	P	0.119	P	0.0216	U	0.1	U	0.0486	
Aroclor 1262	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor 1268	0.1	1.00	0.0177	U	0.0195	U	0.0216	U	0.1	U	0.0193	U
Aroclor, Total	0.1	1.00	0.77	P	0.119	P	0.0216	U	0.1	U	0.0486	

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

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

Table: TAL Metals in Soils

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCOs shown in Bold			Sample ID		TP-01		TP-02		TP-03		TP-04	
			Sample Date	Dilution Factor	(2020-07-23)		(2020-07-23)		(2020-07-23)		(2020-07-23)	
					1		1		1		1	
Metals, 6010 and 7473	UU SCO	RCU SCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier		
Aluminum	NA	NA	11,100		12,100		11,700		7,760			
Antimony	NA	NA	2.68	U	3	U	16.7		3.05	U		
Arsenic	13	16	13.4		2.74		12.8		4.85			
Barium	350	400	752		140		863		622			
Beryllium	7.2	590	0.054	U	0.06	U	0.065	U	0.061	U		
Cadmium	2.5	9.3	5.33		0.642		8.41		5.55			
Calcium	NA	NA	32,200		26,100		7,500		45,400			
Chromium	30	1,500	33.3		24		36.7		19			
Cobalt	NA	NA	12.3		11.6		11.9		7.51			
Copper	50	270	409	B	66.1	B	685	B	45.4	B		
Iron	NA	NA	28,700		20,000		29,600		19,800			
Lead	63	1,000	1,230		128		1,240		355			
Magnesium	NA	NA	6,730		9,280		3,490		5,840			
Manganese	1,600	10,000	303		274		309		239			
Mercury	0.18	2.8	0.17		0.19		0.419		0.388			
Nickel	30	310	53.1		24.9		47.9		20.3			
Potassium	NA	NA	2,370		3,650		1,650		1,920			
Selenium	3.9	1,500	2.68	U	3	U	3.25	U	3.05	U		
Silver	2	1,500	0.536	U	0.6	U	0.65	U	0.609	U		
Sodium	NA	NA	270		444		387		1,280			
Thallium	NA	NA	2.68	U	3	U	3.25	U	3.05	U		
Vanadium	NA	NA	33.7		33.3		44.4		34.1			
Zinc	109	10,000	1,040		156		1,360		1,400			

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

Table: TAL Metals in Soils

All data in mg/Kg (ppm) U= Not Detected ≥ value Data above SCO's shown in Bold			Sample ID	
			TP-05	
			Sample Date	
			(2020-07-23)	
			Dilution Factor	
			1	
Metals, 6010 and 7473	UU SCO	RCU SCO	Result	Qualifier
Aluminum	NA	NA	9,810	
Antimony	NA	NA	2.95	U
Arsenic	13	16	4.47	
Barium	350	400	174	
Beryllium	7.2	590	0.059	U
Cadmium	2.5	9.3	1.03	
Calcium	NA	NA	50,300	
Chromium	30	1,500	20.5	
Cobalt	NA	NA	6.03	
Copper	50	270	85.2	B
Iron	NA	NA	13,400	
Lead	63	1,000	124	
Magnesium	NA	NA	7,180	
Manganese	1,600	10,000	299	
Mercury	0.18	2.8	0.18	
Nickel	30	310	14.6	
Potassium	NA	NA	1,600	
Selenium	3.9	1,500	2.95	U
Silver	2	1,500	0.59	U
Sodium	NA	NA	618	
Thallium	NA	NA	2.95	U
Vanadium	NA	NA	24.2	
Zinc	109	10,000	224	

Analyte Detected

Analyte Above UU SCO

Analyte Above RCU SCO

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



Technical Report

prepared for:

Gallagher Bassett - Poughkeepsie, NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Richard Hooker

Report Date: 08/04/2020
Client Project ID: GY17120
York Project (SDG) No.: 20G0912

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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Report Date: 08/04/2020
Client Project ID: GY17120
York Project (SDG) No.: 20G0912

Gallagher Bassett - Poughkeepsie, NY
22 IBM Road, Suite 101
Poughkeepsie NY, 12601
Attention: Richard Hooker

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 July 24, 2020 and listed below. The project was identified as your project: **GY17120**.

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>
20G0912-01	TP-01	Soil	07/23/2020	07/24/2020
20G0912-02	TP-02	Soil	07/23/2020	07/24/2020
20G0912-03	TP-03	Soil	07/23/2020	07/24/2020
20G0912-04	TP-04	Soil	07/23/2020	07/24/2020
20G0912-05	TP-05	Soil	07/23/2020	07/24/2020

General Notes for York Project (SDG) No.: 20G0912

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

Approved By:



Benjamin Gulizia
Laboratory Director

Date: 08/04/2020





Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

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	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 19:55	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 19:55	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
95-63-6	1,2,4-Trimethylbenzene	0.019		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
108-67-8	1,3,5-Trimethylbenzene	0.011		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.077	0.15	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
78-93-3	2-Butanone	0.0052	Cal-E, J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

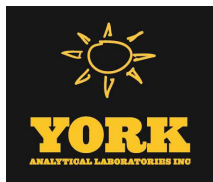
Volatile Organics, 8260 - Comprehensive

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
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
67-64-1	Acetone	13	ICV-E	mg/kg dry	0.54	1.1	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/29/2020 22:50	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-15-0	Carbon disulfide	0.0075	J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
100-41-4	Ethyl Benzene	0.0054	J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-82-8	Isopropylbenzene	0.0069	J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
108-87-2	Methyleyclohexane	0.0044	J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-09-2	Methylene chloride	0.25		mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
95-47-6	o-Xylene	0.0065	J	mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
179601-23-1	p- & m- Xylenes	0.0078	J	mg/kg dry	0.0077	0.015	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
99-87-6	p-Isopropyltoluene	0.013		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
108-88-3	Toluene	0.013		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0038	0.0077	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 19:55	TMP
1330-20-7	Xylenes, Total	0.014	J	mg/kg dry	0.012	0.023	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 19:55	TMP
Surrogate Recoveries		Result	Acceptance Range								



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	106 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	101 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	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		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
91-57-6	2-Methylnaphthalene	1260		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

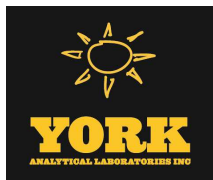
Semi-Volatiles, 8270 - Comprehensive

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
95-48-7	2-Methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
83-32-9	Acenaphthene	149		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
98-86-2	Acetophenone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
62-53-3	Aniline	ND		ug/kg dry	177	354	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
120-12-7	Anthracene	186		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
1912-24-9	Atrazine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	177	354	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
56-55-3	Benzo(a)anthracene	271		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
50-32-8	Benzo(a)pyrene	284		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
205-99-2	Benzo(b)fluoranthene	257		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
191-24-2	Benzo(g,h,i)perylene	206		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
207-08-9	Benzo(k)fluoranthene	257		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
65-85-0	Benzoic acid	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
117-81-7	Bis(2-ethylhexyl)phthalate	2710		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
105-60-2	Caprolactam	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
86-74-8	Carbazole	98.3		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
218-01-9	Chrysene	321		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
53-70-3	Dibenzo(a,h)anthracene	65.1	J	ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
132-64-9	Dibenzofuran	102		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	88.5	177	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:02	OW
206-44-0	Fluoranthene	639		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
86-73-7	Fluorene	290		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
193-39-5	Indeno(1,2,3-cd)pyrene	143		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
78-59-1	Isophorone	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
91-20-3	Naphthalene	606		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
85-01-8	Phenanthrene	822		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
108-95-2	Phenol	ND		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
129-00-0	Pyrene	676		ug/kg dry	44.4	88.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:02	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	27.7 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	29.0 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	46.9 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	38.2 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	62.1 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	57.8 %	24-116								

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.0221		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

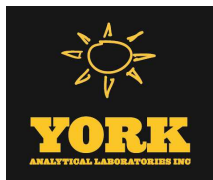
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-55-9	4,4'-DDE	0.00650		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 08:27	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0350	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 05:49	07/31/2020 08:27	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
72-20-8	Endrin	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 08:27	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00175	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00875	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0886	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:27	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	71.4 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	46.0 %	30-150							



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
11096-82-5	Aroclor 1260	0.770		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0177	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 01:33	BJ
1336-36-3	* Total PCBs	0.770		mg/kg dry	0.0177	1	EPA 8082A Certifications:	07/30/2020 05:49	07/31/2020 01:33	BJ
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %	30-140							
2051-24-3	Surrogate: Decachlorobiphenyl	84.5 %	30-140							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11100		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-36-0	Antimony	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-38-2	Arsenic	13.4		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-39-3	Barium	752		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-43-9	Cadmium	5.33		mg/kg dry	0.321	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-70-2	Calcium	32200		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML



Sample Information

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
7440-47-3	Chromium	33.3		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-48-4	Cobalt	12.3		mg/kg dry	0.429	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-50-8	Copper	409	B	mg/kg dry	2.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7439-89-6	Iron	28700		mg/kg dry	26.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7439-92-1	Lead	1230		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7439-95-4	Magnesium	6730		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7439-96-5	Manganese	303		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-02-0	Nickel	53.1		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-09-7	Potassium	2370		mg/kg dry	5.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-22-4	Silver	ND		mg/kg dry	0.536	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-23-5	Sodium	270		mg/kg dry	53.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-62-2	Vanadium	33.7		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML
7440-66-6	Zinc	1040		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:09	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.170		mg/kg dry	0.0321	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 14:44	07/24/2020 18:33	MAO

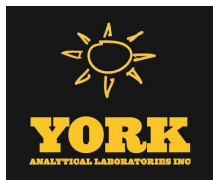
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

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

Client Sample ID: TP-01

York Sample ID: 20G0912-01

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.3		%	0.100	1	SM 2540G Certifications: CTDH	07/27/2020 08:06	07/27/2020 17:08	WJM

Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 20:22	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 20:22	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
95-63-6	1,2,4-Trimethylbenzene	0.047		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
108-67-8	1,3,5-Trimethylbenzene	0.017		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.13	0.25	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
78-93-3	2-Butanone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
67-64-1	Acetone	0.086	ICV-E	mg/kg dry	0.013	0.025	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.013	0.025	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

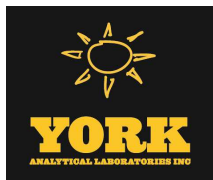
Volatile Organics, 8260 - Comprehensive

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
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
79-20-9	Methyl acetate	0.060		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-09-2	Methylene chloride	ND		mg/kg dry	0.013	0.025	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
179601-23-1	p- & m- Xylenes	0.038		mg/kg dry	0.013	0.025	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
108-88-3	Toluene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:22	TMP
1330-20-7	Xylenes, Total	0.038		mg/kg dry	0.019	0.038	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 20:22	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	107 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	99.3 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	114 %	76-130								

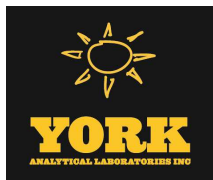
Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

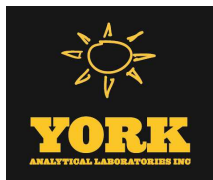
Semi-Volatiles, 8270 - Comprehensive

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
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
91-57-6	2-Methylnaphthalene	71.2	J	ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
83-32-9	Acenaphthene	105		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
208-96-8	Acenaphthylene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-86-2	Acetophenone	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
62-53-3	Aniline	ND		ug/kg dry	198	397	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
120-12-7	Anthracene	309		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
1912-24-9	Atrazine	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	198	397	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
56-55-3	Benzo(a)anthracene	750		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
50-32-8	Benzo(a)pyrene	782		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
205-99-2	Benzo(b)fluoranthene	731		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
191-24-2	Benzo(g,h,i)perylene	507		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
207-08-9	Benzo(k)fluoranthene	590		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
65-85-0	Benzoic acid	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
117-81-7	Bis(2-ethylhexyl)phthalate	2680		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
105-60-2	Caprolactam	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
86-74-8	Carbazole	70.4	J	ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
218-01-9	Chrysene	732		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
53-70-3	Dibenzo(a,h)anthracene	188		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
132-64-9	Dibenzofuran	70.4	J	ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	99.0	198	2	EPA 8270D Certifications:	07/30/2020 05:59	07/30/2020 23:32	OW
206-44-0	Fluoranthene	1610		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
86-73-7	Fluorene	144		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
193-39-5	Indeno(1,2,3-cd)pyrene	435		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
78-59-1	Isophorone	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
91-20-3	Naphthalene	82.3	J	ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
85-01-8	Phenanthrene	1040		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
108-95-2	Phenol	ND		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
129-00-0	Pyrene	1380		ug/kg dry	49.6	99.0	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/30/2020 23:32	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	29.0 %	20-108								



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
4165-62-2	Surrogate: SURR: Phenol-d5	33.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	44.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	40.6 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	57.2 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	58.1 %			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	0.00674		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 08:44	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0387	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
60-57-1	Dieldrin	0.00620		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 05:49	07/31/2020 08:44	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 08:44	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00967	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0979	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 08:44	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	61.0 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	30.8 %		30-150						

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

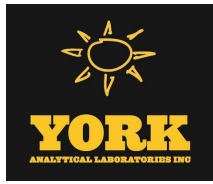
Sample Prepared by Method: EPA 3550C

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	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
11096-82-5	Aroclor 1260	0.119		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0195	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:00	BJ
1336-36-3	* Total PCBs	0.119		mg/kg dry	0.0195	1	EPA 8082A Certifications:	07/30/2020 05:49	07/31/2020 02:00	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	54.0 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	60.5 %		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12100		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-36-0	Antimony	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-38-2	Arsenic	2.74		mg/kg dry	1.80	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-39-3	Barium	140		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-43-9	Cadmium	0.642		mg/kg dry	0.360	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-70-2	Calcium	26100		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-47-3	Chromium	24.0		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-48-4	Cobalt	11.6		mg/kg dry	0.480	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-50-8	Copper	66.1	B	mg/kg dry	2.40	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7439-89-6	Iron	20000		mg/kg dry	30.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7439-92-1	Lead	128		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7439-95-4	Magnesium	9280		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7439-96-5	Manganese	274		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-02-0	Nickel	24.9		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-09-7	Potassium	3650		mg/kg dry	6.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7782-49-2	Selenium	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-22-4	Silver	ND		mg/kg dry	0.600	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-23-5	Sodium	444		mg/kg dry	60.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-28-0	Thallium	ND		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-62-2	Vanadium	33.3		mg/kg dry	1.20	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML
7440-66-6	Zinc	156		mg/kg dry	3.00	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:12	KML



Sample Information

Client Sample ID: TP-02

York Sample ID: 20G0912-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.190		mg/kg dry	0.0360	1	EPA 7473	07/24/2020 14:44	07/24/2020 18:42	MAO
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	83.4		%	0.100	1	SM 2540G	07/27/2020 08:06	07/27/2020 17:08	WJM
							Certifications:	CTDOH		

Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

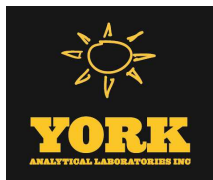
Volatile Organics, 8260 - Comprehensive

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	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/28/2020 06:53	07/28/2020 20:48	TMP
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.11	0.23	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
78-93-3	2-Butanone	0.041	Cal-E	mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
67-64-1	Acetone	110	ICV-E	mg/kg dry	6.4	13	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/29/2020 23:16	TMP
107-02-8	Acrolein	ND		mg/kg dry	0.011	0.023	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

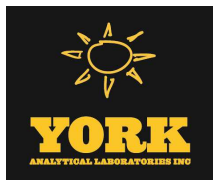
Volatile Organics, 8260 - Comprehensive

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
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
75-09-2	Methylene chloride	0.23		mg/kg dry	0.011	0.023	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.011	0.023	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications:	07/28/2020 06:53 CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 20:48	TMP



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
100-42-5	Styrene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 20:48	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.017	0.034	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 20:48	TMP
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	104 %			77-125						
2037-26-5	Surrogate: SURRE: Toluene-d8	99.8 %			85-120						
460-00-4	Surrogate: SURRE: 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		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

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July 23, 2020 12:00 am

Date Received
07/24/2020

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
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
91-57-6	2-Methylnaphthalene	69.5	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

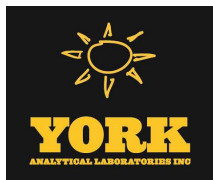
Semi-Volatiles, 8270 - Comprehensive

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
100-01-6	4-Nitroaniline	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
83-32-9	Acenaphthene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
208-96-8	Acenaphthylene	61.0	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
98-86-2	Acetophenone	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
62-53-3	Aniline	ND		ug/kg dry	215	430	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
120-12-7	Anthracene	143		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
1912-24-9	Atrazine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	215	430	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
56-55-3	Benzo(a)anthracene	578		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
50-32-8	Benzo(a)pyrene	634		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
205-99-2	Benzo(b)fluoranthene	592		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
191-24-2	Benzo(g,h,i)perylene	464		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
207-08-9	Benzo(k)fluoranthene	501		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
65-85-0	Benzoic acid	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
117-81-7	Bis(2-ethylhexyl)phthalate	405		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
105-60-2	Caprolactam	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

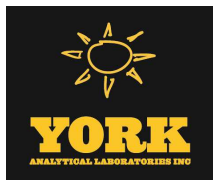
Semi-Volatiles, 8270 - Comprehensive

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
86-74-8	Carbazole	55.8	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
218-01-9	Chrysene	588		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
53-70-3	Dibenzo(a,h)anthracene	103	J	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
132-64-9	Dibenzofuran	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	107	215	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
206-44-0	Fluoranthene	988		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
86-73-7	Fluorene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
193-39-5	Indeno(1,2,3-cd)pyrene	379		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
78-59-1	Isophorone	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
91-20-3	Naphthalene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
85-01-8	Phenanthrene	438		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
108-95-2	Phenol	ND		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
129-00-0	Pyrene	899		ug/kg dry	53.8	107	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:03	OW
Surrogate Recoveries		Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	52.1 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.2 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	62.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	50.4 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	93.3 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	75.4 %			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	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:01	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0428	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 05:49	07/31/2020 09:01	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:01	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00214	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.0107	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.108	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:01	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	53.9 %		30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	23.2 %	S-GC	30-150						

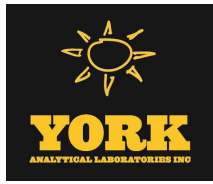
Polychlorinated Biphenyls (PCB)

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	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:14	BJ



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.

20G0912

Client Project ID

GY17120

Matrix

Soil

Collection Date/Time

July 23, 2020 12:00 am

Date Received

07/24/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0216	1	EPA 8082A Certifications:	07/30/2020 05:49	07/31/2020 02:14	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	36.0 %								
2051-24-3	Surrogate: Decachlorobiphenyl	36.0 %								

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	11700		mg/kg dry	6.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-36-0	Antimony	16.7		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-38-2	Arsenic	12.8		mg/kg dry	1.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-39-3	Barium	863		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.065	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-43-9	Cadmium	8.41		mg/kg dry	0.390	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-70-2	Calcium	7500		mg/kg dry	6.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-47-3	Chromium	36.7		mg/kg dry	0.650	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-48-4	Cobalt	11.9		mg/kg dry	0.520	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-50-8	Copper	685	B	mg/kg dry	2.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7439-89-6	Iron	29600		mg/kg dry	32.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7439-92-1	Lead	1240		mg/kg dry	0.650	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7439-95-4	Magnesium	3490		mg/kg dry	6.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7439-96-5	Manganese	309		mg/kg dry	0.650	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-02-0	Nickel	47.9		mg/kg dry	1.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-09-7	Potassium	1650		mg/kg dry	6.50	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML



Sample Information

Client Sample ID: TP-03

York Sample ID: 20G0912-03

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
7782-49-2	Selenium	ND		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-22-4	Silver	ND		mg/kg dry	0.650	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-23-5	Sodium	387		mg/kg dry	65.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-28-0	Thallium	ND		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-62-2	Vanadium	44.4		mg/kg dry	1.30	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML
7440-66-6	Zinc	1360		mg/kg dry	3.25	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:14	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.419		mg/kg dry	0.0390	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 14:44	07/24/2020 18:51	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	76.9		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:06	07/27/2020 17:08	WJM

Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

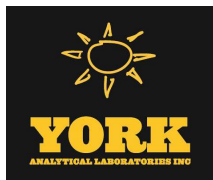
Volatile Organics, 8260 - Comprehensive

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	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

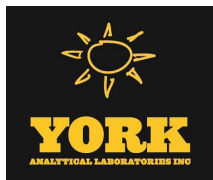
Volatile Organics, 8260 - Comprehensive

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
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 21:14	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 21:14	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
95-63-6	1,2,4-Trimethylbenzene	0.0098		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.088	0.18	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
78-93-3	2-Butanone	0.014	Cal-E	mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
67-64-1	Acetone	0.18	ICV-E	mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

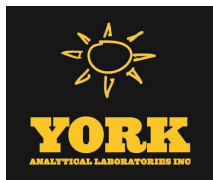
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-02-8	Acrolein	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
71-43-2	Benzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-25-2	Bromoform	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-15-0	Carbon disulfide	0.016		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
67-66-3	Chloroform	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
98-82-8	Isopropylbenzene	0.0063	J	mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
79-20-9	Methyl acetate	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

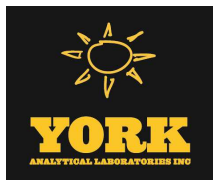
Volatile Organics, 8260 - Comprehensive

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
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
108-87-2	Methylcyclohexane	0.0048	J	mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-09-2	Methylene chloride	0.091		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0088	0.018	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
100-42-5	Styrene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
108-88-3	Toluene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/28/2020 06:53	07/28/2020 21:14	TMP
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/28/2020 06:53	07/28/2020 21:14	TMP
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	105 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	102 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	120 %	76-130								



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	165		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
91-57-6	2-Methylnaphthalene	1220		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
88-74-4	2-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

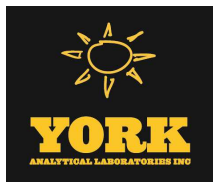
Semi-Volatiles, 8270 - Comprehensive

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
99-09-2	3-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
83-32-9	Acenaphthene	3220		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
208-96-8	Acenaphthylene	370		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
98-86-2	Acetophenone	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
62-53-3	Aniline	ND		ug/kg dry	202	404	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
120-12-7	Anthracene	7160		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
1912-24-9	Atrazine	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	202	404	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
56-55-3	Benzo(a)anthracene	12400		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
50-32-8	Benzo(a)pyrene	11100		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
205-99-2	Benzo(b)fluoranthene	9530		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
191-24-2	Benzo(g,h,i)perylene	5840		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
207-08-9	Benzo(k)fluoranthene	8600		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
65-85-0	Benzoic acid	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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20G0912

GY17120

Soil

July 23, 2020 12:00 am

07/24/2020

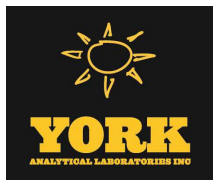
Semi-Volatiles, 8270 - Comprehensive

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
85-68-7	Benzyl butyl phthalate	449		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
117-81-7	Bis(2-ethylhexyl)phthalate	2500		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
105-60-2	Caprolactam	ND		ug/kg dry	101	202	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
86-74-8	Carbazole	3430		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
218-01-9	Chrysene	11200		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
53-70-3	Dibenzo(a,h)anthracene	2450		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
132-64-9	Dibenzofuran	2490		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
84-74-2	Di-n-butyl phthalate	117		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	101	202	2	EPA 8270D Certifications:	07/30/2020 05:59	07/31/2020 00:34	OW
206-44-0	Fluoranthene	29200		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
86-73-7	Fluorene	4280		ug/kg dry	506	1010	20	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
193-39-5	Indeno(1,2,3-cd)pyrene	6000		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
78-59-1	Isophorone	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

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
91-20-3	Naphthalene	1690		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
85-01-8	Phenanthrene	26200		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
108-95-2	Phenol	ND		ug/kg dry	50.6	101	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 00:34	OW
129-00-0	Pyrene	23700		ug/kg dry	506	1010	20	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 10:36	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	37.7 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	42.4 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	55.7 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	42.3 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	77.8 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	63.9 %	24-116								

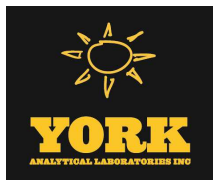
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	0.0272		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
72-55-9	4,4'-DDE	0.0158		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:18	CM



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
319-85-7	beta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0397	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 05:49	07/31/2020 09:18	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
72-20-8	Endrin	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:18	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00198	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00992	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.100	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:18	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	47.7 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	30.6 %	30-150							

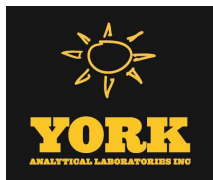
Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.100	5	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 14:49	CM
1336-36-3	* Total PCBs	ND		mg/kg dry	0.100	5	EPA 8082A Certifications:	07/30/2020 05:49	07/31/2020 14:49	CM
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	37.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	32.5 %		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	7760		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-36-0	Antimony	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-38-2	Arsenic	4.85		mg/kg dry	1.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-39-3	Barium	622		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-43-9	Cadmium	5.55		mg/kg dry	0.365	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-70-2	Calcium	45400		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-47-3	Chromium	19.0		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-48-4	Cobalt	7.51		mg/kg dry	0.487	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-50-8	Copper	45.4	B	mg/kg dry	2.44	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML



Sample Information

Client Sample ID: TP-04

York Sample ID: 20G0912-04

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	Iron	19800		mg/kg dry	30.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7439-92-1	Lead	355		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7439-95-4	Magnesium	5840		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7439-96-5	Manganese	239		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-02-0	Nickel	20.3		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-09-7	Potassium	1920		mg/kg dry	6.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7782-49-2	Selenium	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-22-4	Silver	ND		mg/kg dry	0.609	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-23-5	Sodium	1280		mg/kg dry	60.9	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-28-0	Thallium	ND		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-62-2	Vanadium	34.1		mg/kg dry	1.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML
7440-66-6	Zinc	1400		mg/kg dry	3.05	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:17	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.388		mg/kg dry	0.0365	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 14:44	07/24/2020 19:00	MAO

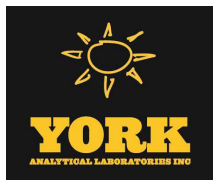
Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.1		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:06	07/27/2020 17:08	WJM



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

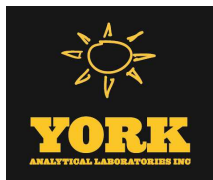
Volatile Organics, 8260 - Comprehensive

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	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:22	07/31/2020 16:52	TMP
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:22	07/31/2020 16:52	TMP
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
95-63-6	1,2,4-Trimethylbenzene	46		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
108-67-8	1,3,5-Trimethylbenzene	9.1		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
123-91-1	1,4-Dioxane	ND		mg/kg dry	26	53	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
78-93-3	2-Butanone	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
591-78-6	2-Hexanone	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

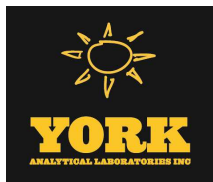
Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-64-1	Acetone	15	CCV-E	mg/kg dry	2.6	5.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
107-02-8	Acrolein	ND		mg/kg dry	2.6	5.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
107-13-1	Acrylonitrile	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
71-43-2	Benzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
74-97-5	Bromochloromethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-27-4	Bromodichloromethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-25-2	Bromoform	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
74-83-9	Bromomethane	1.7	J	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-15-0	Carbon disulfide	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
56-23-5	Carbon tetrachloride	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
108-90-7	Chlorobenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-00-3	Chloroethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
67-66-3	Chloroform	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
74-87-3	Chloromethane	4.6	CCV-E, QL-02, B	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
110-82-7	Cyclohexane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
124-48-1	Dibromochloromethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
74-95-3	Dibromomethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
100-41-4	Ethyl Benzene	3.1		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
98-82-8	Isopropylbenzene	2.5	J	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.

20G0912

Client Project ID

GY17120

Matrix

Soil

Collection Date/Time

July 23, 2020 12:00 am

Date Received

07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-20-9	Methyl acetate	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
108-87-2	Methylcyclohexane	9.6		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-09-2	Methylene chloride	15		mg/kg dry	2.6	5.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
104-51-8	n-Butylbenzene	2.1	J	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
103-65-1	n-Propylbenzene	5.6		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
95-47-6	o-Xylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
179601-23-1	p- & m- Xylenes	12		mg/kg dry	2.6	5.3	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
99-87-6	p-Isopropyltoluene	1.5	J	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
135-98-8	sec-Butylbenzene	1.7	J	mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
100-42-5	Styrene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
98-06-6	tert-Butylbenzene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
127-18-4	Tetrachloroethylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
108-88-3	Toluene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
79-01-6	Trichloroethylene	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
75-01-4	Vinyl Chloride	ND		mg/kg dry	1.3	2.6	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	07/31/2020 06:22	07/31/2020 16:52	TMP
1330-20-7	Xylenes, Total	12		mg/kg dry	4.0	7.9	100	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	07/31/2020 06:22	07/31/2020 16:52	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	99.9 %	85-120								



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
460-00-4	Surrogate: 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		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
95-57-8	2-Chlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
91-57-6	2-Methylnaphthalene	179		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
95-48-7	2-Methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
88-74-4	2-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
88-75-5	2-Nitrophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
99-09-2	3-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
106-47-8	4-Chloroaniline	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
100-01-6	4-Nitroaniline	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
100-02-7	4-Nitrophenol	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
83-32-9	Acenaphthene	413		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
208-96-8	Acenaphthylene	76.6	J	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
98-86-2	Acetophenone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
62-53-3	Aniline	ND		ug/kg dry	196	391	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
120-12-7	Anthracene	1120		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
1912-24-9	Atrazine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
100-52-7	Benzaldehyde	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
92-87-5	Benzidine	ND	CCV-L	ug/kg dry	196	391	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
56-55-3	Benzo(a)anthracene	1960		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
50-32-8	Benzo(a)pyrene	1740		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
205-99-2	Benzo(b)fluoranthene	1460		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
191-24-2	Benzo(g,h,i)perylene	858		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
207-08-9	Benzo(k)fluoranthene	1360		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
65-85-0	Benzoic acid	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
100-51-6	Benzyl alcohol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
85-68-7	Benzyl butyl phthalate	321		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
117-81-7	Bis(2-ethylhexyl)phthalate	3250		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 12:42	OW
105-60-2	Caprolactam	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
86-74-8	Carbazole	377		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
218-01-9	Chrysene	1720		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
53-70-3	Dibenzo(a,h)anthracene	341		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
132-64-9	Dibenzofuran	278		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
84-66-2	Diethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
131-11-3	Dimethyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
122-39-4	* Diphenylamine	ND		ug/kg dry	97.7	195	2	EPA 8270D Certifications:	07/30/2020 05:59	07/31/2020 01:04	OW
206-44-0	Fluoranthene	3870		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 12:42	OW
86-73-7	Fluorene	527		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
118-74-1	Hexachlorobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
77-47-4	Hexachlorocyclopentadiene	ND	CCV-L	ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
67-72-1	Hexachloroethane	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
193-39-5	Indeno(1,2,3-cd)pyrene	847		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
78-59-1	Isophorone	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
91-20-3	Naphthalene	191		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
98-95-3	Nitrobenzene	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
87-86-5	Pentachlorophenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
85-01-8	Phenanthrene	3260		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 12:42	OW
108-95-2	Phenol	ND		ug/kg dry	49.0	97.7	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 01:04	OW
129-00-0	Pyrene	3450		ug/kg dry	122	244	5	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:59	07/31/2020 12:42	OW
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	43.3 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	53.5 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	70.6 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	56.2 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	11.7 %	S-08		19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	79.5 %			24-116						

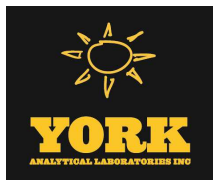
Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
72-55-9	4,4'-DDE	0.00907		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Pesticides, 8081 target list

Log-in Notes:

Sample Notes:

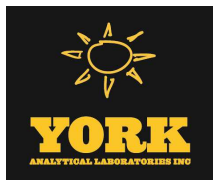
Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:34	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
57-74-9	Chlordane, total	ND		mg/kg dry	0.0382	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	07/30/2020 05:49	07/31/2020 09:34	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
72-20-8	Endrin	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	07/30/2020 05:49	07/31/2020 09:34	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00191	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00954	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.0966	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 09:34	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	111 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	36.3 %	30-150							

Polychlorinated Biphenyls (PCB)

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Sample 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	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
11096-82-5	Aroclor 1260	0.0486		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
37324-23-5	Aroclor 1262	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
11100-14-4	Aroclor 1268	ND		mg/kg dry	0.0193	1	EPA 8082A Certifications: NELAC-NY10854,NJDEP,PADEP	07/30/2020 05:49	07/31/2020 02:41	BJ
1336-36-3	* Total PCBs	0.0486		mg/kg dry	0.0193	1	EPA 8082A Certifications:	07/30/2020 05:49	07/31/2020 02:41	BJ
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	59.5 %		30-140						
2051-24-3	Surrogate: Decachlorobiphenyl	53.5 %		30-140						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9810		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-36-0	Antimony	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-38-2	Arsenic	4.47		mg/kg dry	1.77	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-39-3	Barium	174		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.059	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-43-9	Cadmium	1.03		mg/kg dry	0.354	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-70-2	Calcium	50300		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-47-3	Chromium	20.5		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML



Sample Information

Client Sample ID: TP-05

York Sample ID: 20G0912-05

York Project (SDG) No.
20G0912

Client Project ID
GY17120

Matrix
Soil

Collection Date/Time
July 23, 2020 12:00 am

Date Received
07/24/2020

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	6.03		mg/kg dry	0.472	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-50-8	Copper	85.2	B	mg/kg dry	2.36	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7439-89-6	Iron	13400		mg/kg dry	29.5	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7439-92-1	Lead	124		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7439-95-4	Magnesium	7180		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7439-96-5	Manganese	299		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-02-0	Nickel	14.6		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-09-7	Potassium	1600		mg/kg dry	5.90	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7782-49-2	Selenium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-22-4	Silver	ND		mg/kg dry	0.590	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-23-5	Sodium	618		mg/kg dry	59.0	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-28-0	Thallium	ND		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-62-2	Vanadium	24.2		mg/kg dry	1.18	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML
7440-66-6	Zinc	224		mg/kg dry	2.95	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	07/27/2020 09:11	07/29/2020 15:19	KML

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	0.180		mg/kg dry	0.0354	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	07/24/2020 14:44	07/24/2020 19:09	MAO

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	84.8		%	0.100	1	SM 2540G Certifications: CTDOH	07/27/2020 08:06	07/27/2020 17:08	WJM



Analytical Batch Summary

Batch ID: BG01269 **Preparation Method:** EPA 7473 soil **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/24/20
20G0912-02	TP-02	07/24/20
20G0912-03	TP-03	07/24/20
20G0912-04	TP-04	07/24/20
20G0912-05	TP-05	07/24/20
BG01269-BLK1	Blank	07/24/20
BG01269-SRM1	Reference	07/24/20

Batch ID: BG01290 **Preparation Method:** % Solids Prep **Prepared By:** WJM

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/27/20
20G0912-02	TP-02	07/27/20
20G0912-03	TP-03	07/27/20
20G0912-04	TP-04	07/27/20
20G0912-05	TP-05	07/27/20

Batch ID: BG01303 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/27/20
20G0912-02	TP-02	07/27/20
20G0912-03	TP-03	07/27/20
20G0912-04	TP-04	07/27/20
20G0912-05	TP-05	07/27/20
BG01303-BLK1	Blank	07/27/20
BG01303-SRM1	Reference	07/27/20

Batch ID: BG01496 **Preparation Method:** EPA 3550C **Prepared By:** TSS

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/30/20
20G0912-01	TP-01	07/30/20
20G0912-02	TP-02	07/30/20
20G0912-02	TP-02	07/30/20
20G0912-03	TP-03	07/30/20
20G0912-03	TP-03	07/30/20
20G0912-04	TP-04	07/30/20
20G0912-04	TP-04	07/30/20
20G0912-05	TP-05	07/30/20
20G0912-05	TP-05	07/30/20
BG01496-BLK1	Blank	07/30/20
BG01496-BLK2	Blank	07/30/20
BG01496-BS1	LCS	07/30/20



BG01496-BS2

LCS

07/30/20

Batch ID: BG01498**Preparation Method:** EPA 3550C**Prepared By:** CM

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/30/20
20G0912-02	TP-02	07/30/20
20G0912-03	TP-03	07/30/20
20G0912-04	TP-04	07/30/20
20G0912-04RE1	TP-04	07/30/20
20G0912-05	TP-05	07/30/20
20G0912-05RE1	TP-05	07/30/20
BG01498-BLK1	Blank	07/30/20
BG01498-BS1	LCS	07/30/20

Batch ID: BG01537**Preparation Method:** EPA 5035A**Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01	TP-01	07/28/20
20G0912-02	TP-02	07/28/20
20G0912-03	TP-03	07/28/20
20G0912-04	TP-04	07/28/20
BG01537-BLK1	Blank	07/28/20
BG01537-BLK2	Blank	07/28/20
BG01537-BS1	LCS	07/28/20
BG01537-BSD1	LCS Dup	07/28/20

Batch ID: BG01539**Preparation Method:** EPA 5035A**Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-01RE1	TP-01	07/28/20
20G0912-03RE1	TP-03	07/28/20
BG01539-BLK1	Blank	07/29/20
BG01539-BLK2	Blank	07/29/20
BG01539-BLK3	Blank	07/29/20
BG01539-BS1	LCS	07/29/20
BG01539-BSD1	LCS Dup	07/29/20

Batch ID: BG01637**Preparation Method:** EPA 5035A**Prepared By:** TMP

YORK Sample ID	Client Sample ID	Preparation Date
20G0912-05	TP-05	07/31/20
BG01637-BLK1	Blank	07/31/20
BG01637-BS1	LCS	07/31/20
BG01637-BSD1	LCS Dup	07/31/20



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG01537 - EPA 5035A

Blank (BG01537-BLK1)

Prepared & Analyzed: 07/28/2020

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	"



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 BG01537 - EPA 5035A

Blank (BG01537-BLK1)

Prepared & Analyzed: 07/28/2020

Methylene chloride	ND	0.010	mg/kg wet
n-Butylbenzene	ND	0.0050	"
n-Propylbenzene	ND	0.0050	"
o-Xylene	ND	0.0050	"
p- & m- Xylenes	ND	0.010	"
p-Isopropyltoluene	ND	0.0050	"
sec-Butylbenzene	ND	0.0050	"
Styrene	ND	0.0050	"
tert-Butyl alcohol (TBA)	ND	0.0050	"
tert-Butylbenzene	ND	0.0050	"
Tetrachloroethylene	ND	0.0050	"
Toluene	ND	0.0050	"
trans-1,2-Dichloroethylene	ND	0.0050	"
trans-1,3-Dichloropropylene	ND	0.0050	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURRE: 1,2-Dichloroethane-d4	54.3	ug/L	50.0	109	77-125
Surrogate: SURRE: Toluene-d8	50.3	"	50.0	101	85-120
Surrogate: SURRE: p-Bromofluorobenzene	55.7	"	50.0	111	76-130

Blank (BG01537-BLK2)

Prepared & Analyzed: 07/28/2020

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	"



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 BG01537 - EPA 5035A

Blank (BG01537-BLK2)

Prepared & Analyzed: 07/28/2020

Bromochloromethane	ND	0.0050	mg/kg wet								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	54.8		ug/L	50.0		110	77-125				
Surrogate: SURR: Toluene-d8	50.5		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	55.4		"	50.0		111	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01537 - EPA 5035A											
LCS (BG01537-BS1)						Prepared & Analyzed: 07/28/2020					
1,1,1,2-Tetrachloroethane	62		ug/L	50.0		124	75-129				
1,1,1-Trichloroethane	66		"	50.0		131	71-137				
1,1,2,2-Tetrachloroethane	56		"	50.0		112	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	60		"	50.0		120	58-146				
1,1,2-Trichloroethane	54		"	50.0		107	83-123				
1,1-Dichloroethane	55		"	50.0		110	75-130				
1,1-Dichloroethylene	58		"	50.0		116	64-137				
1,2,3-Trichlorobenzene	57		"	50.0		114	81-140				
1,2,3-Trichloropropane	54		"	50.0		108	81-126				
1,2,4-Trichlorobenzene	56		"	50.0		113	80-141				
1,2,4-Trimethylbenzene	54		"	50.0		108	84-125				
1,2-Dibromo-3-chloropropane	63		"	50.0		126	74-142				
1,2-Dibromoethane	56		"	50.0		113	86-123				
1,2-Dichlorobenzene	53		"	50.0		106	85-122				
1,2-Dichloroethane	60		"	50.0		120	71-133				
1,2-Dichloropropane	55		"	50.0		111	81-122				
1,3,5-Trimethylbenzene	55		"	50.0		110	82-126				
1,3-Dichlorobenzene	52		"	50.0		105	84-124				
1,4-Dichlorobenzene	52		"	50.0		104	84-124				
1,4-Dioxane	1000		"	1050		96.3	10-228				
2-Butanone	52		"	50.0		103	58-147				
2-Hexanone	57		"	50.0		113	70-139				
4-Methyl-2-pentanone	58		"	50.0		117	72-132				
Acetone	43		"	50.0		86.3	36-155				
Acrolein	82		"	50.0		164	10-238				
Acrylonitrile	50		"	50.0		101	66-141				
Benzene	53		"	50.0		106	77-127				
Bromochloromethane	58		"	50.0		115	74-129				
Bromodichloromethane	69		"	50.0		137	81-124	High Bias			
Bromoform	68		"	50.0		135	80-136				
Bromomethane	79		"	50.0		157	32-177				
Carbon disulfide	53		"	50.0		107	10-136				
Carbon tetrachloride	68		"	50.0		136	66-143				
Chlorobenzene	53		"	50.0		106	86-120				
Chloroethane	73		"	50.0		147	51-142	High Bias			
Chloroform	57		"	50.0		114	76-131				
Chloromethane	58		"	50.0		115	49-132				
cis-1,2-Dichloroethylene	58		"	50.0		115	74-132				
cis-1,3-Dichloropropylene	65		"	50.0		130	81-129	High Bias			
Cyclohexane	52		"	50.0		104	70-130				
Dibromochloromethane	66		"	50.0		133	10-200				
Dibromomethane	55		"	50.0		110	83-124				
Dichlorodifluoromethane	51		"	50.0		101	28-158				
Ethyl Benzene	55		"	50.0		110	84-125				
Hexachlorobutadiene	58		"	50.0		116	83-133				
Isopropylbenzene	52		"	50.0		104	81-127				
Methyl acetate	59		"	50.0		118	41-143				
Methyl tert-butyl ether (MTBE)	57		"	50.0		114	74-131				
Methylcyclohexane	53		"	50.0		105	70-130				
Methylene chloride	60		"	50.0		119	57-141				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG01537 - EPA 5035A

LCS (BG01537-BS1)

Prepared & Analyzed: 07/28/2020

n-Butylbenzene	58		ug/L	50.0		115	80-130				
n-Propylbenzene	53		"	50.0		106	74-136				
o-Xylene	56		"	50.0		111	83-123				
p- & m- Xylenes	110		"	100		110	82-128				
p-Isopropyltoluene	55		"	50.0		109	85-125				
sec-Butylbenzene	56		"	50.0		111	83-125				
Styrene	55		"	50.0		109	86-126				
tert-Butyl alcohol (TBA)	380		"	250		154	70-130	High Bias			
tert-Butylbenzene	52		"	50.0		104	80-127				
Tetrachloroethylene	46		"	50.0		91.0	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	58		"	50.0		116	72-132				
trans-1,3-Dichloropropylene	56		"	50.0		113	78-132				
Trichloroethylene	54		"	50.0		109	84-123				
Trichlorofluoromethane	67		"	50.0		134	62-140				
Vinyl Chloride	58		"	50.0		115	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	54.5		"	50.0		109	77-125				
Surrogate: SURR: Toluene-d8	49.9		"	50.0		99.8	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.7		"	50.0		105	76-130				

LCS Dup (BG01537-BS1)

Prepared & Analyzed: 07/28/2020

1,1,1,2-Tetrachloroethane	59		ug/L	50.0		119	75-129		4.52	30	
1,1,1-Trichloroethane	64		"	50.0		129	71-137		1.92	30	
1,1,2,2-Tetrachloroethane	54		"	50.0		109	79-129		3.30	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56		"	50.0		112	58-146		7.06	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		5.45	30	
1,1-Dichloroethane	52		"	50.0		104	75-130		5.15	30	
1,1-Dichloroethylene	55		"	50.0		111	64-137		4.37	30	
1,2,3-Trichlorobenzene	53		"	50.0		107	81-140		6.57	30	
1,2,3-Trichloropropane	51		"	50.0		103	81-126		5.53	30	
1,2,4-Trichlorobenzene	54		"	50.0		108	80-141		3.78	30	
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125		6.02	30	
1,2-Dibromo-3-chloropropane	61		"	50.0		123	74-142		2.49	30	
1,2-Dibromoethane	55		"	50.0		110	86-123		2.75	30	
1,2-Dichlorobenzene	50		"	50.0		101	85-122		4.85	30	
1,2-Dichloroethane	57		"	50.0		115	71-133		4.66	30	
1,2-Dichloropropane	52		"	50.0		105	81-122		5.75	30	
1,3,5-Trimethylbenzene	53		"	50.0		105	82-126		4.30	30	
1,3-Dichlorobenzene	50		"	50.0		99.4	84-124		5.42	30	
1,4-Dichlorobenzene	50		"	50.0		99.8	84-124		3.77	30	
1,4-Dioxane	1100		"	1050		108	10-228		11.5	30	
2-Butanone	47		"	50.0		94.9	58-147		8.60	30	
2-Hexanone	56		"	50.0		113	70-139		0.283	30	
4-Methyl-2-pentanone	58		"	50.0		116	72-132		0.807	30	
Acetone	42		"	50.0		83.7	36-155		2.96	30	
Acrolein	78		"	50.0		155	10-238		5.14	30	
Acrylonitrile	52		"	50.0		103	66-141		2.10	30	
Benzene	51		"	50.0		102	77-127		3.12	30	
Bromochloromethane	54		"	50.0		108	74-129		6.96	30	
Bromodichloromethane	64		"	50.0		128	81-124	High Bias	7.15	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 BG01537 - EPA 5035A											
LCS Dup (BG01537-BSD1)						Prepared & Analyzed: 07/28/2020					
Bromoform	63		ug/L	50.0		126	80-136		6.67	30	
Bromomethane	73		"	50.0		146	32-177		7.18	30	
Carbon disulfide	50		"	50.0		100	10-136		5.97	30	
Carbon tetrachloride	65		"	50.0		131	66-143		3.44	30	
Chlorobenzene	51		"	50.0		102	86-120		3.80	30	
Chloroethane	64		"	50.0		129	51-142		13.2	30	
Chloroform	55		"	50.0		111	76-131		2.51	30	
Chloromethane	56		"	50.0		111	49-132		3.62	30	
cis-1,2-Dichloroethylene	57		"	50.0		113	74-132		1.75	30	
cis-1,3-Dichloropropylene	62		"	50.0		123	81-129		5.57	30	
Cyclohexane	51		"	50.0		103	70-130		0.928	30	
Dibromochloromethane	62		"	50.0		125	10-200		6.46	30	
Dibromomethane	53		"	50.0		106	83-124		3.61	30	
Dichlorodifluoromethane	51		"	50.0		101	28-158		0.0789	30	
Ethyl Benzene	52		"	50.0		105	84-125		4.40	30	
Hexachlorobutadiene	56		"	50.0		112	83-133		3.65	30	
Isopropylbenzene	51		"	50.0		101	81-127		2.65	30	
Methyl acetate	57		"	50.0		113	41-143		4.27	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		5.16	30	
Methylcyclohexane	52		"	50.0		103	70-130		1.98	30	
Methylene chloride	56		"	50.0		112	57-141		6.01	30	
n-Butylbenzene	54		"	50.0		109	80-130		5.96	30	
n-Propylbenzene	51		"	50.0		103	74-136		2.81	30	
o-Xylene	54		"	50.0		107	83-123		3.48	30	
p- & m- Xylenes	100		"	100		104	82-128		5.51	30	
p-Isopropyltoluene	53		"	50.0		105	85-125		3.90	30	
sec-Butylbenzene	54		"	50.0		109	83-125		2.64	30	
Styrene	52		"	50.0		104	86-126		4.90	30	
tert-Butyl alcohol (TBA)	390		"	250		157	70-130	High Bias	2.32	30	
tert-Butylbenzene	51		"	50.0		102	80-127		1.89	30	
Tetrachloroethylene	45		"	50.0		90.7	80-129		0.352	30	
Toluene	49		"	50.0		97.8	85-121		3.69	30	
trans-1,2-Dichloroethylene	56		"	50.0		112	72-132		3.68	30	
trans-1,3-Dichloropropylene	53		"	50.0		105	78-132		6.91	30	
Trichloroethylene	53		"	50.0		106	84-123		2.40	30	
Trichlorofluoromethane	63		"	50.0		126	62-140		5.62	30	
Vinyl Chloride	56		"	50.0		112	52-130		3.31	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	54.6		"	50.0		109	77-125				
Surrogate: SURR: Toluene-d8	50.6		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.2		"	50.0		104	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01539 - EPA 5035A											
Blank (BG01539-BLK1)										Prepared & Analyzed: 07/29/2020	
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	"								



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 BG01539 - EPA 5035A

Blank (BG01539-BLK1)

Prepared & Analyzed: 07/29/2020

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	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	51.8	ug/L	50.0	104	77-125
Surrogate: SURR: Toluene-d8	50.5	"	50.0	101	85-120
Surrogate: SURR: p-Bromofluorobenzene	54.3	"	50.0	109	76-130

Blank (BG01539-BLK2)

Prepared & Analyzed: 07/29/2020

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	"



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 BG01539 - EPA 5035A

Blank (BG01539-BLK2)

Prepared & Analyzed: 07/29/2020

Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	52.6		ug/L	50.0		105	77-125				
Surrogate: SURR: Toluene-d8	49.7		"	50.0		99.4	85-120				
Surrogate: SURR: p-Bromofluorobenzene	54.4		"	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 BG01539 - EPA 5035A

Blank (BG01539-BLK3)

Prepared & Analyzed: 07/29/2020

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	"



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 BG01539 - EPA 5035A

Blank (BG01539-BLK3)

Prepared & Analyzed: 07/29/2020

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	"
Trichloroethylene	ND	0.0050	"
Trichlorofluoromethane	ND	0.0050	"
Vinyl Chloride	ND	0.0050	"
Xylenes, Total	ND	0.015	"

Surrogate: SURR: 1,2-Dichloroethane-d4	52.3	ug/L	50.0	105	77-125
Surrogate: SURR: Toluene-d8	50.2	"	50.0	100	85-120
Surrogate: SURR: p-Bromofluorobenzene	54.4	"	50.0	109	76-130

LCS (BG01539-BS1)

Prepared & Analyzed: 07/29/2020

1,1,1,2-Tetrachloroethane	65	ug/L	50.0	130	75-129	High Bias
1,1,1-Trichloroethane	69	"	50.0	138	71-137	High Bias
1,1,2,2-Tetrachloroethane	56	"	50.0	113	79-129	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	53	"	50.0	106	58-146	
1,1,2-Trichloroethane	55	"	50.0	110	83-123	
1,1-Dichloroethane	56	"	50.0	113	75-130	
1,1-Dichloroethylene	55	"	50.0	110	64-137	
1,2,3-Trichlorobenzene	57	"	50.0	114	81-140	
1,2,3-Trichloropropane	56	"	50.0	112	81-126	
1,2,4-Trichlorobenzene	58	"	50.0	116	80-141	
1,2,4-Trimethylbenzene	57	"	50.0	114	84-125	
1,2-Dibromo-3-chloropropane	60	"	50.0	119	74-142	
1,2-Dibromoethane	58	"	50.0	115	86-123	
1,2-Dichlorobenzene	57	"	50.0	114	85-122	
1,2-Dichloroethane	60	"	50.0	121	71-133	
1,2-Dichloropropane	55	"	50.0	110	81-122	
1,3,5-Trimethylbenzene	58	"	50.0	116	82-126	
1,3-Dichlorobenzene	56	"	50.0	113	84-124	
1,4-Dichlorobenzene	56	"	50.0	112	84-124	
1,4-Dioxane	1100	"	1050	108	10-228	
2-Butanone	50	"	50.0	100	58-147	
2-Hexanone	55	"	50.0	110	70-139	
4-Methyl-2-pentanone	56	"	50.0	112	72-132	
Acetone	42	"	50.0	84.6	36-155	
Acrolein	70	"	50.0	140	10-238	
Acrylonitrile	52	"	50.0	105	66-141	
Benzene	56	"	50.0	113	77-127	
Bromochloromethane	58	"	50.0	115	74-129	



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 BG01539 - EPA 5035A

LCS (BG01539-BS1)

Prepared & Analyzed: 07/29/2020

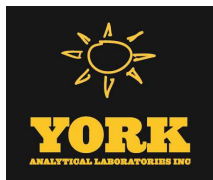
Bromodichloromethane	67		ug/L	50.0		134	81-124	High Bias			
Bromoform	65		"	50.0		131	80-136				
Bromomethane	65		"	50.0		131	32-177				
Carbon disulfide	53		"	50.0		105	10-136				
Carbon tetrachloride	71		"	50.0		142	66-143				
Chlorobenzene	56		"	50.0		113	86-120				
Chloroethane	60		"	50.0		121	51-142				
Chloroform	61		"	50.0		121	76-131				
Chloromethane	48		"	50.0		96.5	49-132				
cis-1,2-Dichloroethylene	61		"	50.0		122	74-132				
cis-1,3-Dichloropropylene	64		"	50.0		129	81-129				
Cyclohexane	54		"	50.0		109	70-130				
Dibromochloromethane	66		"	50.0		131	10-200				
Dibromomethane	56		"	50.0		113	83-124				
Dichlorodifluoromethane	38		"	50.0		75.6	28-158				
Ethyl Benzene	57		"	50.0		114	84-125				
Hexachlorobutadiene	61		"	50.0		122	83-133				
Isopropylbenzene	55		"	50.0		110	81-127				
Methyl acetate	58		"	50.0		116	41-143				
Methyl tert-butyl ether (MTBE)	59		"	50.0		118	74-131				
Methylcyclohexane	54		"	50.0		108	70-130				
Methylene chloride	60		"	50.0		119	57-141				
n-Butylbenzene	58		"	50.0		116	80-130				
n-Propylbenzene	56		"	50.0		111	74-136				
o-Xylene	57		"	50.0		114	83-123				
p- & m- Xylenes	110		"	100		113	82-128				
p-Isopropyltoluene	58		"	50.0		116	85-125				
sec-Butylbenzene	60		"	50.0		119	83-125				
Styrene	58		"	50.0		116	86-126				
tert-Butyl alcohol (TBA)	420		"	250		169	70-130	High Bias			
tert-Butylbenzene	56		"	50.0		112	80-127				
Tetrachloroethylene	49		"	50.0		97.9	80-129				
Toluene	53		"	50.0		105	85-121				
trans-1,2-Dichloroethylene	59		"	50.0		119	72-132				
trans-1,3-Dichloropropylene	57		"	50.0		113	78-132				
Trichloroethylene	57		"	50.0		114	84-123				
Trichlorofluoromethane	53		"	50.0		106	62-140				
Vinyl Chloride	50		"	50.0		99.6	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	53.3		"	50.0		107	77-125				
Surrogate: SURR: Toluene-d8	49.9		"	50.0		99.7	85-120				
Surrogate: SURR: p-Bromofluorobenzene	50.3		"	50.0		101	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 BG01539 - EPA 5035A											
LCS Dup (BG01539-BSD1)						Prepared & Analyzed: 07/29/2020					
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		99.3	75-129		26.8	30	
1,1,1-Trichloroethane	51		"	50.0		103	71-137		29.4	30	
1,1,2,2-Tetrachloroethane	47		"	50.0		93.2	79-129		18.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	41		"	50.0		81.1	58-146		26.2	30	
1,1,2-Trichloroethane	44		"	50.0		88.4	83-123		21.6	30	
1,1-Dichloroethane	43		"	50.0		85.4	75-130		27.5	30	
1,1-Dichloroethylene	41		"	50.0		82.1	64-137		29.2	30	
1,2,3-Trichlorobenzene	47		"	50.0		93.7	81-140		19.8	30	
1,2,3-Trichloropropane	45		"	50.0		90.8	81-126		20.6	30	
1,2,4-Trichlorobenzene	49		"	50.0		97.8	80-141		16.9	30	
1,2,4-Trimethylbenzene	45		"	50.0		90.1	84-125		23.3	30	
1,2-Dibromo-3-chloropropane	47		"	50.0		93.3	74-142		24.6	30	
1,2-Dibromoethane	47		"	50.0		93.4	86-123		20.9	30	
1,2-Dichlorobenzene	45		"	50.0		89.4	85-122		24.3	30	
1,2-Dichloroethane	48		"	50.0		96.5	71-133		22.5	30	
1,2-Dichloropropane	42		"	50.0		85.0	81-122		25.5	30	
1,3,5-Trimethylbenzene	45		"	50.0		91.0	82-126		24.1	30	
1,3-Dichlorobenzene	45		"	50.0		89.3	84-124		23.1	30	
1,4-Dichlorobenzene	44		"	50.0		88.9	84-124		23.3	30	
1,4-Dioxane	1000		"	1050		98.7	10-228		8.71	30	
2-Butanone	52		"	50.0		104	58-147		3.60	30	
2-Hexanone	47		"	50.0		93.2	70-139		16.2	30	
4-Methyl-2-pentanone	47		"	50.0		93.7	72-132		17.9	30	
Acetone	35		"	50.0		70.9	36-155		17.5	30	
Acrolein	63		"	50.0		126	10-238		10.6	30	
Acrylonitrile	46		"	50.0		91.5	66-141		13.7	30	
Benzene	43		"	50.0		85.4	77-127		27.6	30	
Bromochloromethane	44		"	50.0		88.3	74-129		26.3	30	
Bromodichloromethane	50		"	50.0		99.8	81-124		29.3	30	
Bromoform	49		"	50.0		98.0	80-136		28.7	30	
Bromomethane	43		"	50.0		85.7	32-177		41.6	30	Non-dir.
Carbon disulfide	40		"	50.0		79.3	10-136		28.3	30	
Carbon tetrachloride	54		"	50.0		108	66-143		27.6	30	
Chlorobenzene	44		"	50.0		87.9	86-120		24.9	30	
Chloroethane	42		"	50.0		83.6	51-142		36.4	30	Non-dir.
Chloroform	46		"	50.0		91.5	76-131		27.8	30	
Chloromethane	33		"	50.0		66.1	49-132		37.4	30	Non-dir.
cis-1,2-Dichloroethylene	46		"	50.0		93.0	74-132		27.4	30	
cis-1,3-Dichloropropylene	50		"	50.0		99.9	81-129		25.1	30	
Cyclohexane	41		"	50.0		81.2	70-130		28.9	30	
Dibromochloromethane	50		"	50.0		99.9	10-200		27.0	30	
Dibromomethane	45		"	50.0		90.3	83-124		22.3	30	
Dichlorodifluoromethane	20		"	50.0		40.4	28-158		60.7	30	Non-dir.
Ethyl Benzene	44		"	50.0		87.8	84-125		26.2	30	
Hexachlorobutadiene	48		"	50.0		96.5	83-133		23.2	30	
Isopropylbenzene	44		"	50.0		87.1	81-127		23.5	30	
Methyl acetate	47		"	50.0		94.9	41-143		20.4	30	
Methyl tert-butyl ether (MTBE)	45		"	50.0		90.1	74-131		26.6	30	
Methylcyclohexane	42		"	50.0		84.1	70-130		25.0	30	
Methylene chloride	45		"	50.0		90.3	57-141		27.8	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 BG01539 - EPA 5035A

LCS Dup (BG01539-BSD1)

Prepared & Analyzed: 07/29/2020

n-Butylbenzene	48		ug/L	50.0		96.2	80-130		18.9	30	
n-Propylbenzene	44		"	50.0		88.0	74-136		23.3	30	
o-Xylene	44		"	50.0		88.3	83-123		25.4	30	
p- & m- Xylenes	87		"	100		86.8	82-128		26.2	30	
p-Isopropyltoluene	46		"	50.0		91.1	85-125		23.9	30	
sec-Butylbenzene	47		"	50.0		93.2	83-125		24.7	30	
Styrene	45		"	50.0		90.7	86-126		24.4	30	
tert-Butyl alcohol (TBA)	360		"	250		145	70-130	High Bias	15.2	30	
tert-Butylbenzene	43		"	50.0		86.7	80-127		25.8	30	
Tetrachloroethylene	38		"	50.0		76.5	80-129	Low Bias	24.5	30	
Toluene	41		"	50.0		82.7	85-121	Low Bias	23.8	30	
trans-1,2-Dichloroethylene	45		"	50.0		90.7	72-132		26.9	30	
trans-1,3-Dichloropropylene	43		"	50.0		85.9	78-132		27.5	30	
Trichloroethylene	44		"	50.0		88.7	84-123		25.0	30	
Trichlorofluoromethane	38		"	50.0		76.9	62-140		31.4	30	Non-dir.
Vinyl Chloride	35		"	50.0		70.0	52-130		34.8	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	54.1		"	50.0		108	77-125				
Surrogate: SURR: Toluene-d8	50.5		"	50.0		101	85-120				
Surrogate: SURR: p-Bromofluorobenzene	52.3		"	50.0		105	76-130				

Batch BG01637 - EPA 5035A

Blank (BG01637-BLK1)

Prepared & Analyzed: 07/31/2020

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	"



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 BG01637 - EPA 5035A

Blank (BG01637-BLK1)

Prepared & Analyzed: 07/31/2020

Bromodichloromethane	ND	0.0050	mg/kg wet								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	0.0047	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	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	63.7		ug/L	50.0		127	77-125				
Surrogate: SURR: Toluene-d8	48.1		"	50.0		96.2	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.2		"	50.0		98.3	76-130				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01637 - EPA 5035A											
LCS (BG01637-BS1)						Prepared & Analyzed: 07/31/2020					
1,1,1,2-Tetrachloroethane	53		ug/L	50.0		106	75-129				
1,1,1-Trichloroethane	64		"	50.0		127	71-137				
1,1,2,2-Tetrachloroethane	46		"	50.0		91.0	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146				
1,1,2-Trichloroethane	48		"	50.0		96.0	83-123				
1,1-Dichloroethane	54		"	50.0		109	75-130				
1,1-Dichloroethylene	63		"	50.0		126	64-137				
1,2,3-Trichlorobenzene	52		"	50.0		105	81-140				
1,2,3-Trichloropropane	52		"	50.0		104	81-126				
1,2,4-Trichlorobenzene	52		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	51		"	50.0		102	84-125				
1,2-Dibromo-3-chloropropane	57		"	50.0		114	74-142				
1,2-Dibromoethane	51		"	50.0		102	86-123				
1,2-Dichlorobenzene	50		"	50.0		99.3	85-122				
1,2-Dichloroethane	65		"	50.0		130	71-133				
1,2-Dichloropropane	48		"	50.0		95.7	81-122				
1,3,5-Trimethylbenzene	60		"	50.0		120	82-126				
1,3-Dichlorobenzene	50		"	50.0		100	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.1	84-124				
1,4-Dioxane	1000		"	1050		96.2	10-228				
2-Butanone	52		"	50.0		105	58-147				
2-Hexanone	52		"	50.0		105	70-139				
4-Methyl-2-pentanone	42		"	50.0		83.4	72-132				
Acetone	58		"	50.0		116	36-155				
Acrolein	20		"	50.0		39.3	10-238				
Acrylonitrile	56		"	50.0		112	66-141				
Benzene	54		"	50.0		109	77-127				
Bromochloromethane	55		"	50.0		110	74-129				
Bromodichloromethane	55		"	50.0		111	81-124				
Bromoform	54		"	50.0		109	80-136				
Bromomethane	71		"	50.0		142	32-177				
Carbon disulfide	58		"	50.0		115	10-136				
Carbon tetrachloride	66		"	50.0		131	66-143				
Chlorobenzene	50		"	50.0		101	86-120				
Chloroethane	56		"	50.0		111	51-142				
Chloroform	59		"	50.0		119	76-131				
Chloromethane	95		"	50.0		190	49-132	High Bias			
cis-1,2-Dichloroethylene	57		"	50.0		114	74-132				
cis-1,3-Dichloropropylene	52		"	50.0		103	81-129				
Cyclohexane	25		"	50.0		50.2	70-130	Low Bias			
Dibromochloromethane	53		"	50.0		107	10-200				
Dibromomethane	51		"	50.0		102	83-124				
Dichlorodifluoromethane	100		"	50.0		202	28-158	High Bias			
Ethyl Benzene	52		"	50.0		105	84-125				
Hexachlorobutadiene	54		"	50.0		108	83-133				
Isopropylbenzene	49		"	50.0		98.5	81-127				
Methyl acetate	53		"	50.0		106	41-143				
Methyl tert-butyl ether (MTBE)	62		"	50.0		123	74-131				
Methylcyclohexane	54		"	50.0		109	70-130				
Methylene chloride	59		"	50.0		118	57-141				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG01637 - EPA 5035A											
LCS (BG01637-BS1)						Prepared & Analyzed: 07/31/2020					
n-Butylbenzene	53		ug/L	50.0		106	80-130				
n-Propylbenzene	48		"	50.0		96.7	74-136				
o-Xylene	53		"	50.0		105	83-123				
p- & m- Xylenes	100		"	100		103	82-128				
p-Isopropyltoluene	52		"	50.0		103	85-125				
sec-Butylbenzene	52		"	50.0		104	83-125				
Styrene	53		"	50.0		105	86-126				
tert-Butyl alcohol (TBA)	280		"	250		111	70-130				
tert-Butylbenzene	44		"	50.0		88.1	80-127				
Tetrachloroethylene	49		"	50.0		97.3	80-129				
Toluene	51		"	50.0		101	85-121				
trans-1,2-Dichloroethylene	60		"	50.0		120	72-132				
trans-1,3-Dichloropropylene	53		"	50.0		106	78-132				
Trichloroethylene	52		"	50.0		103	84-123				
Trichlorofluoromethane	70		"	50.0		141	62-140	High Bias			
Vinyl Chloride	63		"	50.0		126	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	63.4		"	50.0		127	77-125				
Surrogate: SURR: Toluene-d8	48.0		"	50.0		96.0	85-120				
Surrogate: SURR: p-Bromofluorobenzene	49.0		"	50.0		98.0	76-130				
LCS Dup (BG01637-BS1)						Prepared & Analyzed: 07/31/2020					
1,1,1,2-Tetrachloroethane	52		ug/L	50.0		104	75-129		2.63	30	
1,1,1-Trichloroethane	64		"	50.0		128	71-137		0.626	30	
1,1,2,2-Tetrachloroethane	45		"	50.0		90.4	79-129		0.617	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	59		"	50.0		118	58-146		0.135	30	
1,1,2-Trichloroethane	47		"	50.0		94.9	83-123		1.19	30	
1,1-Dichloroethane	54		"	50.0		109	75-130		0.331	30	
1,1-Dichloroethylene	61		"	50.0		123	64-137		2.30	30	
1,2,3-Trichlorobenzene	51		"	50.0		102	81-140		2.09	30	
1,2,3-Trichloropropane	50		"	50.0		101	81-126		2.99	30	
1,2,4-Trichlorobenzene	50		"	50.0		100	80-141		3.15	30	
1,2,4-Trimethylbenzene	49		"	50.0		98.6	84-125		3.09	30	
1,2-Dibromo-3-chloropropane	56		"	50.0		111	74-142		2.34	30	
1,2-Dibromoethane	49		"	50.0		97.7	86-123		4.37	30	
1,2-Dichlorobenzene	49		"	50.0		97.1	85-122		2.24	30	
1,2-Dichloroethane	67		"	50.0		134	71-133	High Bias	2.79	30	
1,2-Dichloropropane	45		"	50.0		90.7	81-122		5.37	30	
1,3,5-Trimethylbenzene	58		"	50.0		116	82-126		3.40	30	
1,3-Dichlorobenzene	48		"	50.0		95.2	84-124		5.06	30	
1,4-Dichlorobenzene	48		"	50.0		96.3	84-124		2.82	30	
1,4-Dioxane	1000		"	1050		99.9	10-228		3.73	30	
2-Butanone	53		"	50.0		106	58-147		1.18	30	
2-Hexanone	50		"	50.0		101	70-139		3.84	30	
4-Methyl-2-pentanone	41		"	50.0		82.9	72-132		0.553	30	
Acetone	59		"	50.0		117	36-155		1.22	30	
Acrolein	22		"	50.0		44.7	10-238		12.7	30	
Acrylonitrile	56		"	50.0		111	66-141		0.806	30	
Benzene	54		"	50.0		107	77-127		1.47	30	
Bromochloromethane	54		"	50.0		109	74-129		1.12	30	
Bromodichloromethane	54		"	50.0		107	81-124		3.01	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 BG01637 - EPA 5035A

LCS Dup (BG01637-BSD1)

Prepared & Analyzed: 07/31/2020

Bromoform	53		ug/L	50.0		107	80-136		1.65	30	
Bromomethane	67		"	50.0		133	32-177		6.52	30	
Carbon disulfide	57		"	50.0		114	10-136		1.40	30	
Carbon tetrachloride	64		"	50.0		127	66-143		2.91	30	
Chlorobenzene	50		"	50.0		99.7	86-120		0.879	30	
Chloroethane	53		"	50.0		105	51-142		5.31	30	
Chloroform	60		"	50.0		120	76-131		0.637	30	
Chloromethane	96		"	50.0		191	49-132	High Bias	0.451	30	
cis-1,2-Dichloroethylene	57		"	50.0		113	74-132		0.772	30	
cis-1,3-Dichloropropylene	49		"	50.0		98.1	81-129		4.87	30	
Cyclohexane	24		"	50.0		48.8	70-130	Low Bias	2.83	30	
Dibromochloromethane	53		"	50.0		106	10-200		0.751	30	
Dibromomethane	50		"	50.0		99.4	83-124		2.60	30	
Dichlorodifluoromethane	99		"	50.0		197	28-158	High Bias	2.45	30	
Ethyl Benzene	51		"	50.0		103	84-125		1.91	30	
Hexachlorobutadiene	51		"	50.0		102	83-133		5.81	30	
Isopropylbenzene	47		"	50.0		93.8	81-127		4.85	30	
Methyl acetate	55		"	50.0		109	41-143		3.28	30	
Methyl tert-butyl ether (MTBE)	63		"	50.0		126	74-131		1.78	30	
Methylcyclohexane	52		"	50.0		104	70-130		4.59	30	
Methylene chloride	57		"	50.0		113	57-141		3.74	30	
n-Butylbenzene	51		"	50.0		102	80-130		3.58	30	
n-Propylbenzene	47		"	50.0		94.4	74-136		2.39	30	
o-Xylene	51		"	50.0		103	83-123		2.37	30	
p- & m- Xylenes	100		"	100		102	82-128		1.77	30	
p-Isopropyltoluene	50		"	50.0		99.8	85-125		3.54	30	
sec-Butylbenzene	51		"	50.0		102	83-125		2.78	30	
Styrene	51		"	50.0		103	86-126		2.42	30	
tert-Butyl alcohol (TBA)	290		"	250		114	70-130		2.56	30	
tert-Butylbenzene	42		"	50.0		83.5	80-127		5.34	30	
Tetrachloroethylene	47		"	50.0		94.1	80-129		3.39	30	
Toluene	48		"	50.0		96.7	85-121		4.65	30	
trans-1,2-Dichloroethylene	59		"	50.0		118	72-132		1.36	30	
trans-1,3-Dichloropropylene	52		"	50.0		104	78-132		1.37	30	
Trichloroethylene	49		"	50.0		97.6	84-123		5.65	30	
Trichlorofluoromethane	69		"	50.0		137	62-140		2.59	30	
Vinyl Chloride	62		"	50.0		125	52-130		1.29	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	63.8		"	50.0		128	77-125				
Surrogate: SURR: Toluene-d8	49.0		"	50.0		98.1	85-120				
Surrogate: SURR: p-Bromofluorobenzene	48.9		"	50.0		97.9	76-130				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting	Units	Spike	Source*	%REC	%REC	Flag	RPD	RPD	Flag
		Limit		Level	Result		Limits			Limit	
Batch BG01498 - EPA 3550C											
Blank (BG01498-BLK1)											
Prepared & Analyzed: 07/30/2020											
1,1-Biphenyl	ND	41.6	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	83.0	"								
1,2,4-Trichlorobenzene	ND	41.6	"								
1,2-Dichlorobenzene	ND	41.6	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	41.6	"								
1,3-Dichlorobenzene	ND	41.6	"								
1,4-Dichlorobenzene	ND	41.6	"								
2,3,4,6-Tetrachlorophenol	ND	83.0	"								
2,4,5-Trichlorophenol	ND	41.6	"								
2,4,6-Trichlorophenol	ND	41.6	"								
2,4-Dichlorophenol	ND	41.6	"								
2,4-Dimethylphenol	ND	41.6	"								
2,4-Dinitrophenol	ND	83.0	"								
2,4-Dinitrotoluene	ND	41.6	"								
2,6-Dinitrotoluene	ND	41.6	"								
2-Chloronaphthalene	ND	41.6	"								
2-Chlorophenol	ND	41.6	"								
2-Methylnaphthalene	ND	41.6	"								
2-Methylphenol	ND	41.6	"								
2-Nitroaniline	ND	83.0	"								
2-Nitrophenol	ND	41.6	"								
3- & 4-Methylphenols	ND	41.6	"								
3,3-Dichlorobenzidine	ND	41.6	"								
3-Nitroaniline	ND	83.0	"								
4,6-Dinitro-2-methylphenol	ND	83.0	"								
4-Bromophenyl phenyl ether	ND	41.6	"								
4-Chloro-3-methylphenol	ND	41.6	"								
4-Chloroaniline	ND	41.6	"								
4-Chlorophenyl phenyl ether	ND	41.6	"								
4-Nitroaniline	ND	83.0	"								
4-Nitrophenol	ND	83.0	"								
Acenaphthene	ND	41.6	"								
Acenaphthylene	ND	41.6	"								
Acetophenone	ND	41.6	"								
Aniline	ND	166	"								
Anthracene	ND	41.6	"								
Atrazine	ND	41.6	"								
Benzaldehyde	ND	41.6	"								
Benzidine	ND	166	"								
Benzo(a)anthracene	ND	41.6	"								
Benzo(a)pyrene	ND	41.6	"								
Benzo(b)fluoranthene	ND	41.6	"								
Benzo(g,h,i)perylene	ND	41.6	"								
Benzo(k)fluoranthene	ND	41.6	"								
Benzoic acid	ND	41.6	"								
Benzyl alcohol	ND	41.6	"								
Benzyl butyl phthalate	ND	41.6	"								
Bis(2-chloroethoxy)methane	ND	41.6	"								
Bis(2-chloroethyl)ether	ND	41.6	"								
Bis(2-chloroisopropyl)ether	ND	41.6	"								
Bis(2-ethylhexyl)phthalate	ND	41.6	"								



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 BG01498 - EPA 3550C

Blank (BG01498-BLK1)

Prepared & Analyzed: 07/30/2020

Caprolactam	ND	83.0	ug/kg wet								
Carbazole	ND	41.6	"								
Chrysene	ND	41.6	"								
Dibenzo(a,h)anthracene	ND	41.6	"								
Dibenzofuran	ND	41.6	"								
Diethyl phthalate	ND	41.6	"								
Dimethyl phthalate	ND	41.6	"								
Di-n-butyl phthalate	ND	41.6	"								
Di-n-octyl phthalate	ND	41.6	"								
Diphenylamine	ND	83.0	"								
Fluoranthene	ND	41.6	"								
Fluorene	ND	41.6	"								
Hexachlorobenzene	ND	41.6	"								
Hexachlorobutadiene	ND	41.6	"								
Hexachlorocyclopentadiene	ND	41.6	"								
Hexachloroethane	ND	41.6	"								
Indeno(1,2,3-cd)pyrene	ND	41.6	"								
Isophorone	ND	41.6	"								
Naphthalene	ND	41.6	"								
Nitrobenzene	ND	41.6	"								
N-Nitrosodimethylamine	ND	41.6	"								
N-nitroso-di-n-propylamine	ND	41.6	"								
N-Nitrosodiphenylamine	ND	41.6	"								
Pentachlorophenol	ND	41.6	"								
Phenanthrene	ND	41.6	"								
Phenol	ND	41.6	"								
Pyrene	ND	41.6	"								
Surrogate: SURR: 2-Fluorophenol	858		"	1660		51.6	20-108				
Surrogate: SURR: Phenol-d5	904		"	1660		54.4	23-114				
Surrogate: SURR: Nitrobenzene-d5	564		"	831		67.9	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	419		"	831		50.4	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	1130		"	1660		67.7	19-110				
Surrogate: SURR: Terphenyl-d14	499		"	831		60.1	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 BG01498 - EPA 3550C											
LCS (BG01498-BS1)						Prepared & Analyzed: 07/30/2020					
1,1-Biphenyl	366	41.6	ug/kg wet	831		44.1	22-103				
1,2,4,5-Tetrachlorobenzene	427	83.0	"	955		44.7	10-144				
1,2,4-Trichlorobenzene	358	41.6	"	831		43.1	23-130				
1,2-Dichlorobenzene	345	41.6	"	831		41.5	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	448	41.6	"	831		53.9	10-140				
1,3-Dichlorobenzene	336	41.6	"	831		40.4	32-113				
1,4-Dichlorobenzene	344	41.6	"	831		41.4	28-111				
2,3,4,6-Tetrachlorophenol	495	83.0	"	831		59.6	30-130				
2,4,5-Trichlorophenol	332	41.6	"	831		40.0	14-138				
2,4,6-Trichlorophenol	365	41.6	"	831		44.0	27-122				
2,4-Dichlorophenol	394	41.6	"	831		47.5	23-133				
2,4-Dimethylphenol	411	41.6	"	831		49.5	15-131				
2,4-Dinitrophenol	615	83.0	"	831		74.0	10-149				
2,4-Dinitrotoluene	486	41.6	"	831		58.5	30-123				
2,6-Dinitrotoluene	491	41.6	"	831		59.2	30-125				
2-Chloronaphthalene	343	41.6	"	831		41.3	22-115				
2-Chlorophenol	379	41.6	"	831		45.7	25-121				
2-Methylnaphthalene	392	41.6	"	831		47.2	16-127				
2-Methylphenol	351	41.6	"	831		42.3	10-146				
2-Nitroaniline	445	83.0	"	831		53.6	24-126				
2-Nitrophenol	485	41.6	"	831		58.4	17-129				
3- & 4-Methylphenols	323	41.6	"	831		38.9	20-109				
3,3-Dichlorobenzidine	402	41.6	"	831		48.4	10-147				
3-Nitroaniline	416	83.0	"	831		50.1	23-123				
4,6-Dinitro-2-methylphenol	621	83.0	"	831		74.8	10-149				
4-Bromophenyl phenyl ether	364	41.6	"	831		43.8	30-138				
4-Chloro-3-methylphenol	495	41.6	"	831		59.6	16-138				
4-Chloroaniline	280	41.6	"	831		33.8	10-117				
4-Chlorophenyl phenyl ether	361	41.6	"	831		43.4	18-132				
4-Nitroaniline	442	83.0	"	831		53.2	14-125				
4-Nitrophenol	507	83.0	"	831		61.1	10-136				
Acenaphthene	368	41.6	"	831		44.4	17-124				
Acenaphthylene	372	41.6	"	831		44.8	16-124				
Acetophenone	422	41.6	"	831		50.8	28-105				
Aniline	347	166	"	831		41.7	10-111				
Anthracene	379	41.6	"	831		45.7	24-124				
Atrazine	453	41.6	"	831		54.6	22-120				
Benzaldehyde	392	41.6	"	831		47.2	21-100				
Benzo(a)anthracene	376	41.6	"	831		45.3	25-134				
Benzo(a)pyrene	371	41.6	"	831		44.6	29-144				
Benzo(b)fluoranthene	401	41.6	"	831		48.3	20-151				
Benzo(g,h,i)perylene	395	41.6	"	831		47.5	10-153				
Benzo(k)fluoranthene	362	41.6	"	831		43.6	10-148				
Benzoic acid	334	41.6	"	947		35.2	10-116				
Benzyl alcohol	449	41.6	"	831		54.0	17-128				
Benzyl butyl phthalate	377	41.6	"	831		45.4	10-132				
Bis(2-chloroethoxy)methane	362	41.6	"	831		43.6	10-129				
Bis(2-chloroethyl)ether	352	41.6	"	831		42.4	14-125				
Bis(2-chloroisopropyl)ether	428	41.6	"	831		51.6	14-122				
Bis(2-ethylhexyl)phthalate	387	41.6	"	831		46.6	10-141				
Caprolactam	466	83.0	"	831		56.1	10-123				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

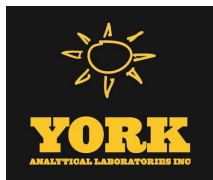
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG01498 - EPA 3550C

LCS (BG01498-BS1)

Prepared & Analyzed: 07/30/2020

Carbazole	363	41.6	ug/kg wet	831		43.8	31-120				
Chrysene	368	41.6	"	831		44.3	24-116				
Dibenzo(a,h)anthracene	403	41.6	"	831		48.6	17-147				
Dibenzofuran	356	41.6	"	831		42.9	23-123				
Diethyl phthalate	389	41.6	"	831		46.8	23-122				
Dimethyl phthalate	372	41.6	"	831		44.8	28-127				
Di-n-butyl phthalate	374	41.6	"	831		45.0	19-123				
Di-n-octyl phthalate	434	41.6	"	831		52.3	10-132				
Diphenylamine	479	83.0	"	831		57.6	40-140				
Fluoranthene	397	41.6	"	831		47.8	36-125				
Fluorene	388	41.6	"	831		46.7	16-130				
Hexachlorobenzene	402	41.6	"	831		48.4	10-129				
Hexachlorobutadiene	381	41.6	"	831		45.9	22-153				
Hexachlorocyclopentadiene	217	41.6	"	831		26.1	10-134				
Hexachloroethane	382	41.6	"	831		46.0	20-112				
Indeno(1,2,3-cd)pyrene	393	41.6	"	831		47.3	10-155				
Isophorone	431	41.6	"	831		51.9	14-131				
Naphthalene	383	41.6	"	831		46.1	20-121				
Nitrobenzene	427	41.6	"	831		51.4	20-121				
N-Nitrosodimethylamine	301	41.6	"	831		36.2	10-124				
N-nitroso-di-n-propylamine	412	41.6	"	831		49.6	21-119				
N-Nitrosodiphenylamine	474	41.6	"	831		57.1	10-163				
Pentachlorophenol	326	41.6	"	831		39.2	10-143				
Phenanthrene	380	41.6	"	831		45.7	24-123				
Phenol	424	41.6	"	831		51.0	15-123				
Pyrene	362	41.6	"	831		43.6	24-132				
Surrogate: SURR: 2-Fluorophenol	721		"	1660		43.4	20-108				
Surrogate: SURR: Phenol-d5	789		"	1660		47.5	23-114				
Surrogate: SURR: Nitrobenzene-d5	486		"	831		58.5	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	356		"	831		42.8	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	977		"	1660		58.8	19-110				
Surrogate: SURR: Terphenyl-d14	413		"	831		49.8	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 BG01496 - EPA 3550C

Blank (BG01496-BLK1)

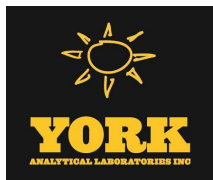
Prepared: 07/30/2020 Analyzed: 07/31/2020

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	0.0528		"	0.0664		79.5	30-150				
Surrogate: Tetrachloro-m-xylene	0.0549		"	0.0664		82.7	30-150				

LCS (BG01496-BS1)

Prepared: 07/30/2020 Analyzed: 07/31/2020

4,4'-DDD	0.0153	0.00164	mg/kg wet	0.0332		45.9	40-140				
4,4'-DDE	0.0136	0.00164	"	0.0332		41.0	40-140				
4,4'-DDT	0.0145	0.00164	"	0.0332		43.8	40-140				
Aldrin	0.0133	0.00164	"	0.0332		40.1	40-140				
alpha-BHC	0.0134	0.00164	"	0.0332		40.4	40-140				
alpha-Chlordane	0.0133	0.00164	"	0.0332		40.2	40-140				
beta-BHC	0.0140	0.00164	"	0.0332		42.2	40-140				
delta-BHC	0.0133	0.00164	"	0.0332		40.1	40-140				
Dieldrin	0.0142	0.00164	"	0.0332		42.7	40-140				
Endosulfan I	0.0133	0.00164	"	0.0332		40.1	40-140				
Endosulfan II	0.0137	0.00164	"	0.0332		41.2	40-140				
Endosulfan sulfate	0.0135	0.00164	"	0.0332		40.5	40-140				
Endrin	0.0135	0.00164	"	0.0332		40.8	40-140				
Endrin aldehyde	0.0136	0.00164	"	0.0332		40.9	40-140				
Endrin ketone	0.0133	0.00164	"	0.0332		40.1	40-140				
gamma-BHC (Lindane)	0.0133	0.00164	"	0.0332		40.2	40-140				
gamma-Chlordane	0.0133	0.00164	"	0.0332		40.0	40-140				
Heptachlor	0.0134	0.00164	"	0.0332		40.2	40-140				
Heptachlor epoxide	0.0138	0.00164	"	0.0332		41.4	40-140				
Methoxychlor	0.0150	0.00822	"	0.0332		45.1	40-140				
Surrogate: Decachlorobiphenyl	0.0353		"	0.0664		53.1	30-150				
Surrogate: Tetrachloro-m-xylene	0.0394		"	0.0664		59.2	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 Y0G1403 - BF00756

Performance Mix (Y0G1403-PEM1)

Prepared & Analyzed: 07/13/2020

4,4'-DDD	7.08		ng/mL	0.00			0-200			
4,4'-DDE	1.79		"	0.00			0-200			
4,4'-DDT	356		"	200		178	0-200			
Endrin	198		"	100		198	0-200			
Endrin aldehyde	6.28		"	0.00			0-200			
Endrin ketone	7.46		"	0.00			0-200			

Batch Y0G1601 - BF00591

Performance Mix (Y0G1601-PEM1)

Prepared & Analyzed: 07/14/2020

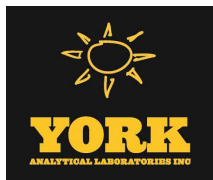
4,4'-DDD	15.0		ng/mL	0.00			0-200			
4,4'-DDE	4.08		"	0.00			0-200			
4,4'-DDT	245		"	200		122	0-200			
Endrin	131		"	100		131	0-200			
Endrin aldehyde	1.24		"	0.00			0-200			
Endrin ketone	7.58		"	0.00			0-200			

Batch Y0G3136 - BG01500

Performance Mix (Y0G3136-PEM1)

Prepared & Analyzed: 07/31/2020

4,4'-DDD	2.96		ng/mL	0.00			0-200			
4,4'-DDE	2.48		"	0.00			0-200			
4,4'-DDT	142		"	200		71.0	0-200			
Endrin	76.4		"	100		76.4	0-200			
Endrin aldehyde	1.84		"	0.00			0-200			
Endrin ketone	7.08		"	0.00			0-200			



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 Y0G3139 - BG01473

Performance Mix (Y0G3139-PEM1)

Prepared & Analyzed: 07/30/2020

4,4'-DDD	1.37		ng/mL	0.00			0-200			
4,4'-DDE	1.07		"	0.00			0-200			
4,4'-DDT	109		"	200		54.3	0-200			
Endrin	53.3		"	100		53.3	0-200			
Endrin aldehyde	0.326		"	0.00			0-200			
Endrin ketone	1.30		"	0.00			0-200			

Performance Mix (Y0G3139-PEM2)

Prepared: 07/30/2020 Analyzed: 07/31/2020

4,4'-DDD	2.45		ng/mL	0.00			0-200			
4,4'-DDE	1.16		"	0.00			0-200			
4,4'-DDT	142		"	200		71.1	0-200			
Endrin	65.6		"	100		65.6	0-200			
Endrin aldehyde	0.297		"	0.00			0-200			
Endrin ketone	1.33		"	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
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Batch BG01496 - EPA 3550C

Blank (BG01496-BLK2)

Prepared & Analyzed: 07/30/2020

Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Aroclor 1262	ND	0.0166	"								
Aroclor 1268	ND	0.0166	"								
Total PCBs	ND	0.0166	"								

Surrogate: Tetrachloro-m-xylene

0.0392

"

0.0664

59.0

30-140

Surrogate: Decachlorobiphenyl

0.0419

"

0.0664

63.0

30-140

LCS (BG01496-BS2)

Prepared & Analyzed: 07/30/2020

Aroclor 1016	0.146	0.0166	mg/kg wet	0.332		44.0	40-130				
Aroclor 1260	0.151	0.0166	"	0.332		45.4	40-130				
Surrogate: Tetrachloro-m-xylene	0.0319		"	0.0664		48.0	30-140				
Surrogate: Decachlorobiphenyl	0.0352		"	0.0664		53.0	30-140				

Batch Y0G3026 - BG01496

Aroclor Reference (Y0G3026-ARC1)

Prepared & Analyzed: 07/30/2020

Surrogate: Tetrachloro-m-xylene	0.204		ug/mL	0.200		102					
Surrogate: Decachlorobiphenyl	0.202		"	0.200		101					

Batch Y0H0303 - BG01424

Aroclor Reference (Y0H0303-ARC1)

Prepared & Analyzed: 07/31/2020

Surrogate: Tetrachloro-m-xylene	0.208		ug/mL	0.200		104					
Surrogate: Decachlorobiphenyl	0.167		"	0.200		83.5					



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 BG01303 - EPA 3050B

Blank (BG01303-BLK1)

Prepared: 07/27/2020 Analyzed: 07/29/2020

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	2.13	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 (BG01303-SRM1)

Prepared: 07/27/2020 Analyzed: 07/29/2020

Aluminum	10100	5.00	mg/kg wet	8460	120	50.5-150.1
Antimony	72.3	2.50	"	120	60.3	19-251.7
Arsenic	106	1.50	"	95.5	111	70.1-129.8
Barium	357	2.50	"	300	119	75-125
Beryllium	112	0.050	"	103	108	75-125.2
Cadmium	148	0.300	"	135	110	74.8-125.2
Calcium	4950	5.00	"	4720	105	72.7-127.5
Chromium	160	0.500	"	147	109	70.1-129.9
Cobalt	48.9	0.400	"	43.2	113	75-125
Copper	195	2.00	"	150	130	75.3-125.3 High Bias
Iron	15100	25.0	"	14400	105	35.8-164.6
Lead	97.8	0.500	"	92.3	106	70-130
Magnesium	2530	5.00	"	2300	110	61.7-137.8
Manganese	719	0.500	"	677	106	78.1-122
Nickel	72.3	1.00	"	59.8	121	70.1-130.1
Potassium	2270	5.00	"	2030	112	59.1-140.9
Selenium	28.4	2.50	"	42.0	67.6	55.7-144.5
Silver	42.3	0.500	"	40.3	105	69.2-130.8
Sodium	149	50.0	"	139	107	36.1-163.3
Thallium	88.3	2.50	"	83.1	106	65.3-146.8
Vanadium	105	1.00	"	96.9	108	67-133.1
Zinc	396	2.50	"	369	107	69.9-130.1



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BG01269 - EPA 7473 soil

Blank (BG01269-BLK1)

Prepared & Analyzed: 07/24/2020

Mercury ND 0.0300 mg/kg wet

Reference (BG01269-SRM1)

Prepared & Analyzed: 07/24/2020

Mercury 3.2155 mg/kg 3.71 86.7 65-135



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20G0912-01	TP-01	40mL Vial with Stir Bar-Cool 4° C
20G0912-02	TP-02	40mL 01_Clear Vial Cool to 4° C
20G0912-03	TP-03	40mL Vial with Stir Bar-Cool 4° C
20G0912-04	TP-04	40mL Vial with Stir Bar-Cool 4° C
20G0912-05	TP-05	40mL Pre-Tared Vial + 10mL MeOH; 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-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
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-MBLk	Analyte was detected in the batch method blank above the Reporting Limit.
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.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
CCV-L	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased low.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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

Field Chain-of-Custody Record

YORK Project No.

20G0912

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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.

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