



TECHNICAL
SERVICES



November 13, 2019

David Oliveira
55 Knowles Street
Yonkers, New York 10705

via e-mail: david@westmetals.net

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

Dear Mr. Oliveira:

This Letter documents waste characterization sampling activities conducted by Gallagher Bassett Technical Services (GBTS) at the above-referenced property on October 15, 2019. 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 (over 70,000 cubic yards) 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).

Material from within the stockpiles at the western, accessible margin of the property (survey locations Area H and western portions of Area B), were collected from mechanical and manual borings extended by Core Down Drilling (a GBTS subcontractor).

Soil was collected as follows: four hand borings in Area H (HB-01 to HB-04), maximum depth of 12 feet below grade surface (bgs); five mechanized borings on the western portion of Area B (SB-01 to SB-05) and one mechanized boring (SB-06) in the western slope of the Area B stockpile, maximum depth of 8 feet bgs; and, and ten shallow pits in sloping soil near SB-06.

The following samples were collected (a figure showing sampling locations is attached):

- Area H: 2 composite and 4 volatile organic compound (VOC) grab samples (1 composite and 2 grabs per northern and southern half)
- Area B west: 1 composite and 3 VOC grab samples
- Area B slope: 3 composite and 2 VOC grab samples (1 composite and 2 grabs per northern and southern half)

Laboratory data document low level contamination by metals, polycyclic aromatic hydrocarbons (PAHs), pesticides and polychlorinated biphenyls (PCBs). Note: An elevated concentration of acetone in the VOC samples is likely to be from laboratory cross-contamination. All compounds are below NYSDEC Part 375 restricted category Soil Cleanup Objects (SCOs) for Restricted-Residential Use (RRU), except for low-level

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exceedances for several PAHs (typical for urban fill materials, which often include asphalt debris). It is the opinion of GBTS that these data are not suggestive of the presence of hazardous materials.

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,

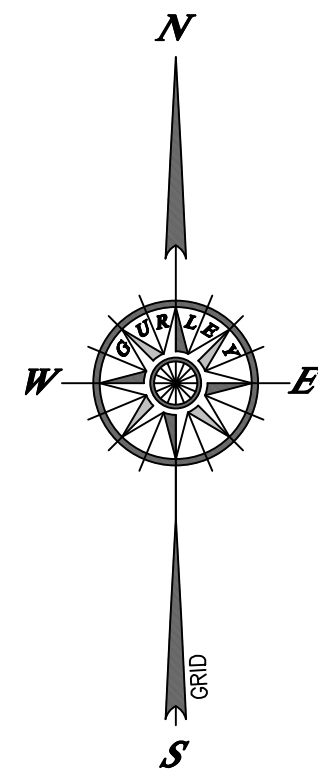


Richard Hooker, GBTS
Manager, Environmental Consulting



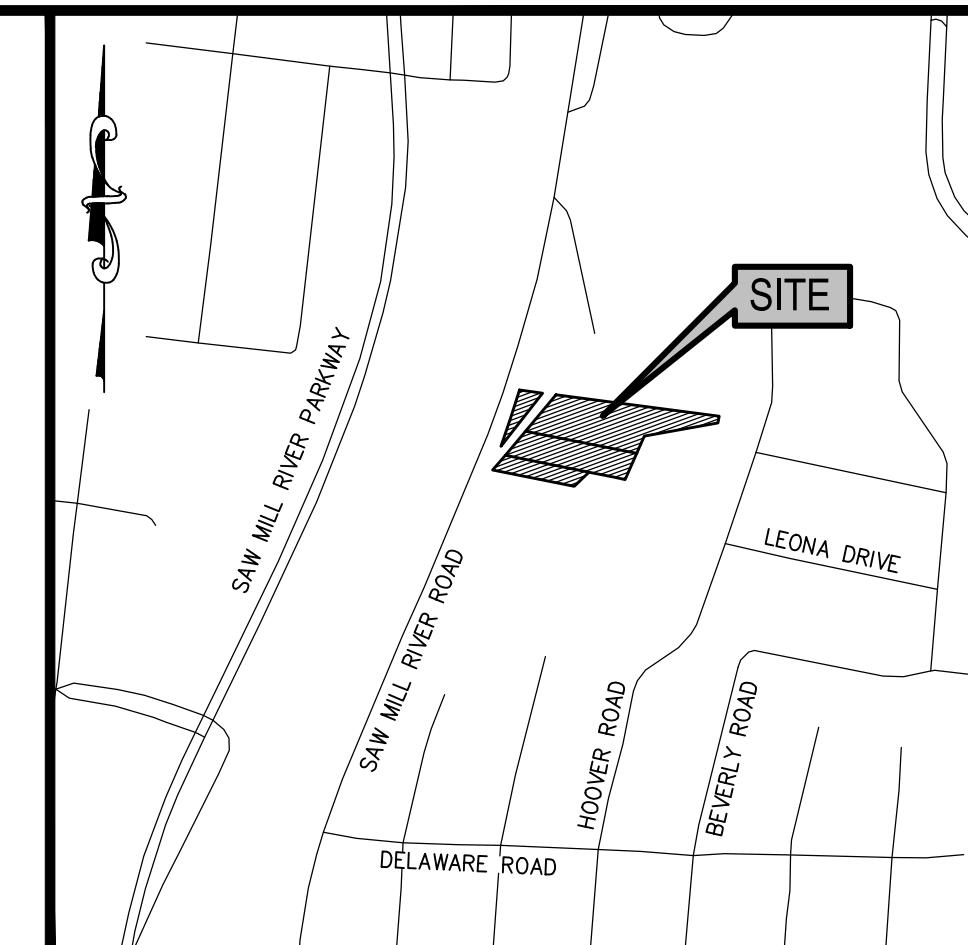
Scott Spitzer, GBTS
Technical Director – Environmental Consulting

Attachments: Site Survey
Fieldwork Map
Data Summary Tables
Laboratory Report



QUANTITIES BREAKDOWN TABLE (CUBIC YARDS)

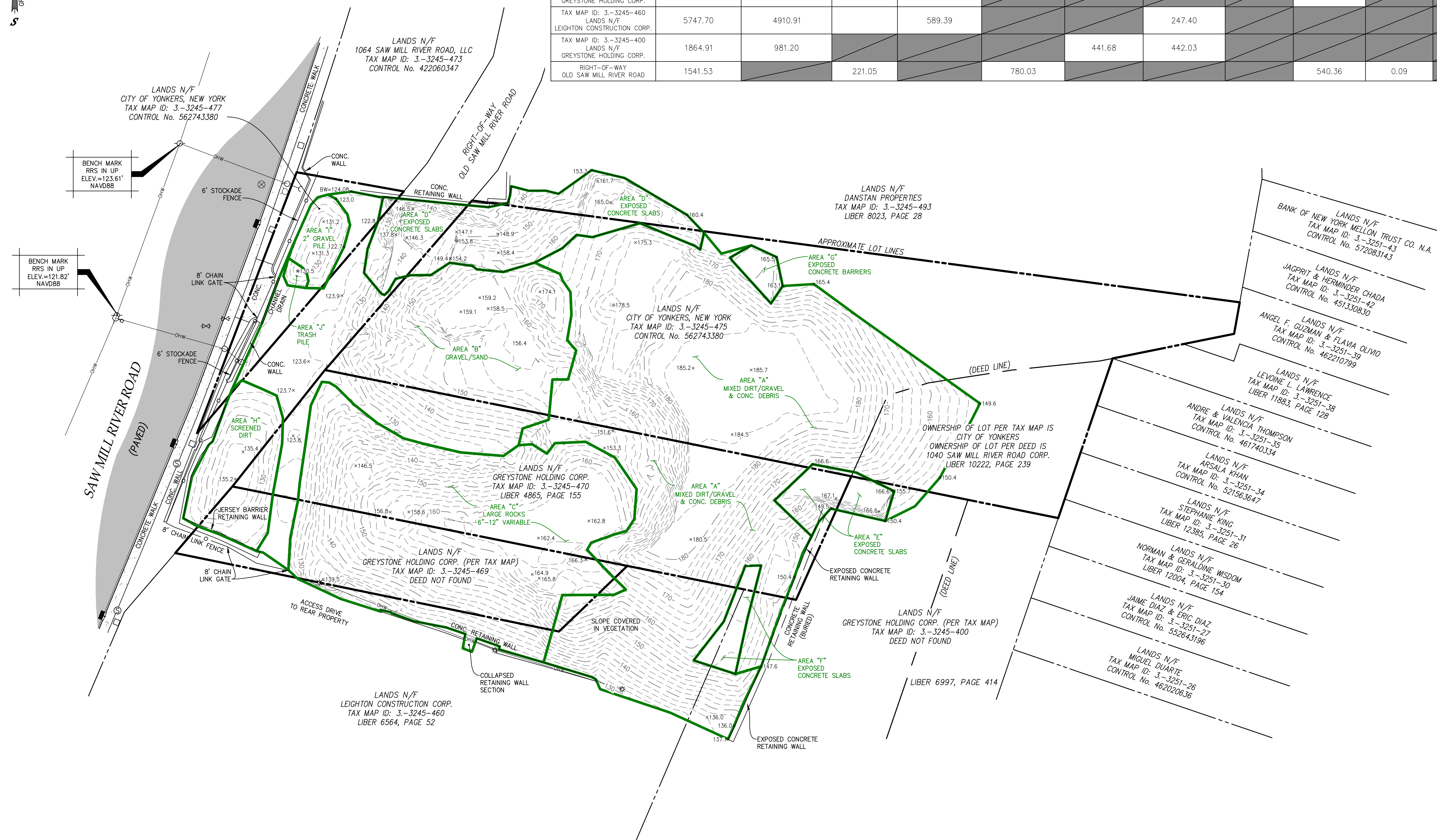
AREA	OVERALL MATERIAL	AREA "A" MIXED DIRT/GRAVEL & CONC. DEBRIS	AREA "B" GRAVEL/SAND	AREA "C" LARGE ROCKS 6"-12" VARIABLE	AREA "D" CONCRETE SLABS	AREA "E" EXPOSED CONCRETE SLABS	AREA "F" EXPOSED CONCRETE SLABS	AREA "G" EXPOSED CONCRETE BARRIERS	AREA "H" SCREENED DIRT	AREA "I" 2" GRAVEL	AREA "J" TRASH PILE
OVERALL	70,580.21	39,329.86	9,278.59	15,170.42	3,447.52	1,342.22	820.37	93.07	899.56	180.28	18.25
TAX MAP ID: 3-3245-493 LANDS N/F DANSTAN PROPERTIES	481.83				481.83						
TAX MAP ID: 3-3245-477 LANDS N/F CITY OF YONKERS	204.92		0.31		6.00				0.16	180.20	18.25
TAX MAP ID: 3-3245-475 LANDS N/F CITY OF YONKERS	32393.62	22235.35	7812.11		2179.67	73.42		93.07			
TAX MAP ID: 3-3245-470 LANDS N/F GREYSTONE HOLDING CORP.	21484.28	10788.93	1224.56	8383.98		827.12	130.94		128.75		
TAX MAP ID: 3-3245-469 LANDS N/F GREYSTONE HOLDING CORP.	6861.47	413.62	20.50	6197.05					230.30		
TAX MAP ID: 3-3245-460 LANDS N/F LEIGHTON CONSTRUCTION CORP.	5747.70	4910.91		589.39			247.40				
TAX MAP ID: 3-3245-400 LANDS N/F GREYSTONE HOLDING CORP.	1864.91	981.20				441.68	442.03				
RIGHT-OF-WAY OLD SAW MILL RIVER ROAD	1541.53		221.05		780.03				540.36	0.09	



LOCATION MAP N.T.S.

NOTES:

- TOPOGRAPHIC INFORMATION SHOWN HEREON WAS COMPILED FROM AN ACTUAL FIELD SURVEY CONDUCTED DURING THE MONTH OF JULY, 2018.
- THE BASIS OF BEARING IS GRID NORTH, NEW YORK STATE PLANE NAD83, EAST ZONE AND VERTICAL DATUM IS NAVD88 (GEOID 12A) DERIVED FROM GPS RTK UTILIZING NYS DOT RTN CORS NETWORK.
- NO BOUNDARY OR PROPERTY LINE DETERMINATION WAS PERFORMED AS A PART OF THIS SURVEY. PROPERTY LINES AS SHOWN ON THIS MAP ARE SHOWN IN THEIR APPROXIMATE LOCATION BASED ON DEED PLOTS, AND ARE NOT INTENDED TO REPRESENT ACTUAL BOUNDARY LOCATIONS.
- UNDERGROUND UTILITIES SHOWN HEREON ARE NOT CERTIFIED TO, WHILE EVERY EFFORT WAS MADE TO PLOT UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES FROM FIELD INVESTIGATIONS AS WELL AS DATA OBTAINED FROM PREVIOUS MAPS, RECORD UTILITY DRAWINGS AND UTILITY FIELD MARKOUTS, THERE MAY BE OTHER UNDERGROUND UTILITIES, THE EXISTENCE OF WHICH ARE NOT KNOWN TO THE UNDERSIGNED. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THE EXISTENCE, SIZE AND LOCATION OF ANY UNDERGROUND UTILITIES AND STRUCTURES SHOWN OR NOT SHOWN HEREON. DIG SAFELY NEW YORK MUST BE NOTIFIED PRIOR TO CONDUCTING TEST BORINGS, EXCAVATION AND CONSTRUCTION.
- NO SEARCH OF THE PUBLIC RECORD WAS MADE FOR EASEMENTS OR AGREEMENTS THAT MAY AFFECT THE SURVEYED PARCEL.
- THIS SURVEY AND THE CERTIFICATION HEREON SHALL BE VALID ONLY TO THE PARTY OR PARTIES HEREON NAMED AND ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS, OTHER THAN AS MAY BE OR EXPRESSLY STATED HEREON AND EXCEPT AS NOTED IN THE CERTIFICATIONS.
- ONLY TITLE SURVEYS BEARING THE MAKERS EMBOSSED SEAL SHOULD BE RELIED UPON SINCE COPIES OTHER THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS AND CHANGES.
- QUANTITIES OF MATERIALS SHOWN HEREON ARE BASED ON A CALCULATION OF EXISTING TOPOGRAPHY AS SURVEYED JULY, 2018 AND AN ASSUMPTION OF ORIGINAL GRADE BASED ON NEW YORK STATE GIS ARCHIVAL INFORMATION, AND ARE TO BE CONSIDERED APPROXIMATE VOLUMES.



Laberge Group - J:\2018\070\Survey Folders\Drawings\2018070-Survey.dwg [24x36] August 23, 2018 - 3:11pm C/P

LEGEND:

	APPROXIMATE PROPERTY LINE		IRON ROD FOUND		SEWER MANHOLE
	APPROXIMATE ADJOINING PROPERTY LINE		UTILITY POLE		CATCH BASIN GRATE
	DEED LINE		GUY ANCHOR		CATCH BASIN (WITH CURB PIECE)
	CHAIN LINK FENCE		UTILITY POLE WITH LIGHT		GAS VALVE
	STOCKADE FENCE		LIGHT POLE		FIRE HYDRANT
	CURB		WATER VALVE		567.89x SURFACE SPOT ELEVATION
	OVERHEAD WIRES		BOTTOM OF WALL SPOT ELEVATION		567.89x BOTTOM OF WALL SPOT ELEVATION

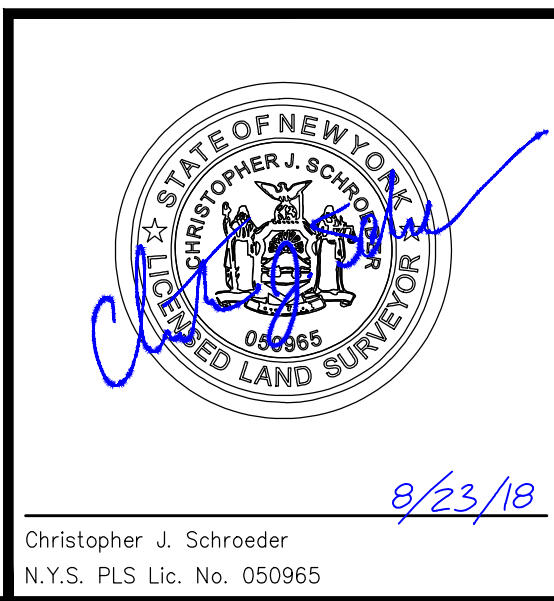
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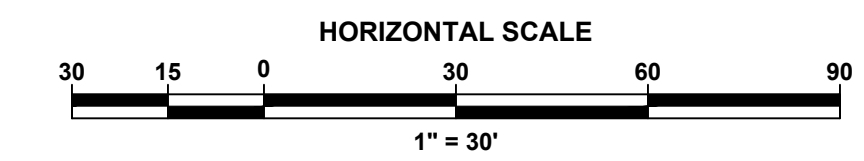
It is a violation of the State Education Law for any person, unless acting under the direction of a licensed surveyor, to alter an item in any way.

Only copies from the original of this map bearing an original signature and the embossed seal of the preparer shall be considered to be true and valid copies.

8/23/18



REVISIONS			
NO.	DATE	DESCRIPTION	BY



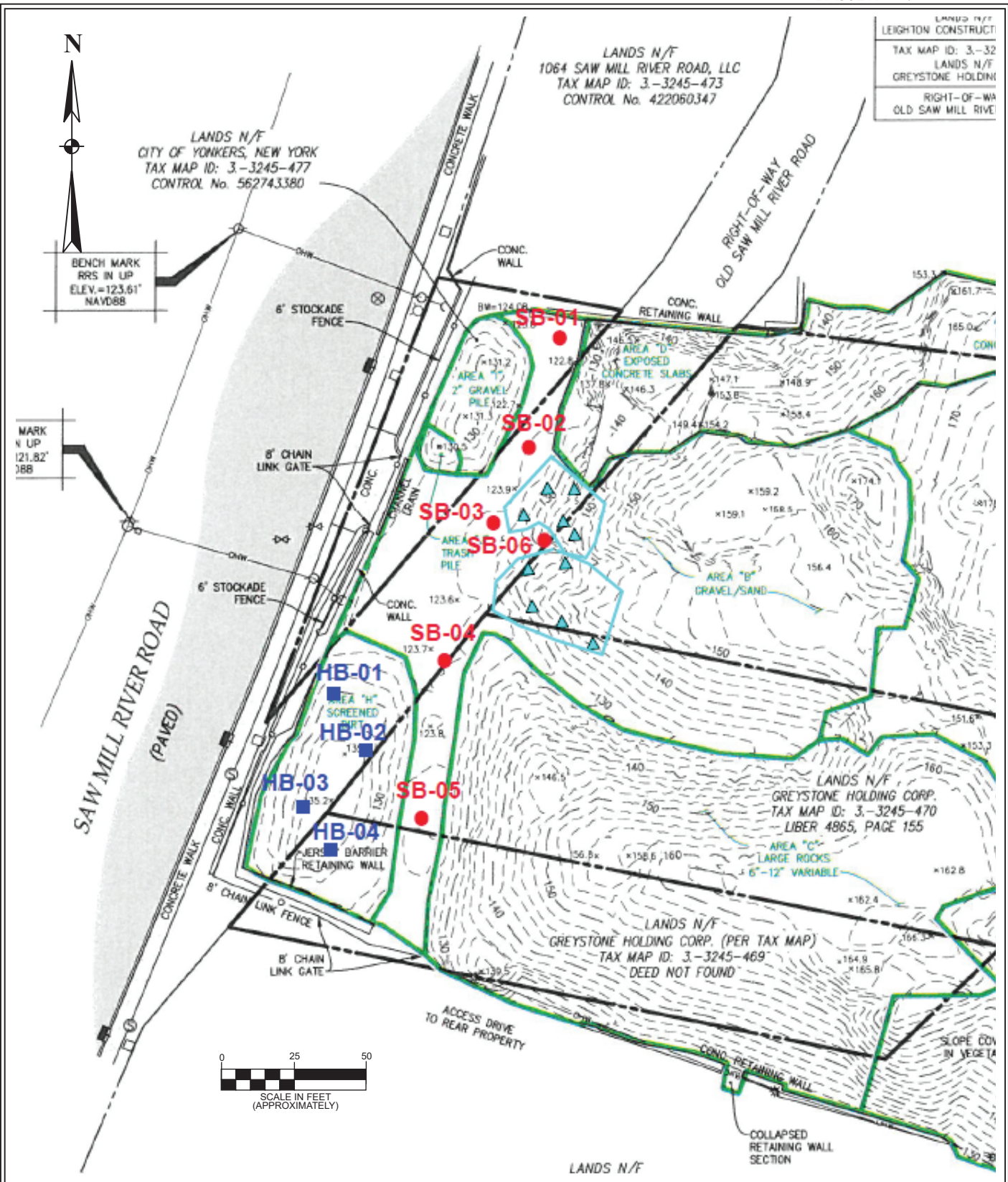
CITY OF YONKERS
WESTCHESTER COUNTY * NEW YORK

TOPOGRAPHIC SURVEY OF
1100 SAW MILL RIVER ROAD

DESIGNED BY _____
DRAWN BY MLH
REVIEWED BY CJS

GURLEY ENGINEERING
Surveying and Mapping Group, P.C.
4 Computer Drive West • Albany, New York 12205
Phone: (518) 458-7112 • www.labergegroup.com

DATE 8/23/18
SCALE 1" = 30'
SHEET 1



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

Fieldwork Map

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

- Legend:
- hand boring location
 - mechanical boring location
 - ▲ shallow hand excavation

File: GY170120
November 2019
Scale as shown
Attachment

**Table 1: VOCs in Soils
1100 Saw Mill River Road**



All data in mg/Kg (ppm) U= Not Detected ≥ indicated value		Sample ID	WC-B-01 (3) VO		WC-B-01 (4) VO		WC-B-01 (7) VO		WC-H-01 (2-4) VO		WC-H-01 (8-10) VO	
		Sample Date	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor	1		1		1		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1,1-Trichloroethane	0.68	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1,2,2-Tetrachloroethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1,2-Trichloroethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1-Dichloroethane	0.27	26	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2,3-Trichlorobenzene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2,3-Trichloropropane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2,4-Trichlorobenzene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2,4-Trimethylbenzene	3.6	52	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2-Dibromo-3-chloropropane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2-Dibromoethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2-Dichlorobenzene	1.1	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2-Dichloroethane	0.02	3.1	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,2-Dichloropropane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,3,5-Trimethylbenzene	8.4	52	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,3-Dichlorobenzene	2.4	49	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,4-Dichlorobenzene	1.8	13	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
1,4-Dioxane	0.1	13	0.056	U	0.063	U	0.078	U	0.087	U	0.045	U
2-Butanone (MEK)	0.12	100	0.0063	JB	0.028	B	0.012	J	0.01	JB	0.013	B
2-Hexanone	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
4-Methyl-2-pentanone	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Acetone	0.05	100	0.0089	J	0.068		0.015	J	0.0087	U	0.025	
Acrolein	NA	NA	0.0056	U	0.0063	U	0.0078	U	0.0087	U	0.0045	U
Acrylonitrile	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Benzene	0.06	4.8	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Bromochloromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Bromodichloromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Bromoform	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Bromomethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Carbon disulfide	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Carbon tetrachloride	0.76	2.4	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Chlorobenzene	1.1	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Chloroethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Chloroform	0.37	49	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Chloromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0028	U	0.015		0.0039	U	0.0044	U	0.0022	U
cis-1,3-Dichloropropylene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Cyclohexane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Dibromochloromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Dibromomethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Dichlorodifluoromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Ethyl Benzene	1	41	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Hexachlorobutadiene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Isopropylbenzene	2.3	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Methyl acetate	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Methylcyclohexane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Methylene chloride	0.05	100	0.0078	J	0.0063	U	0.0078	U	0.012	J	0.0051	J
n-Butylbenzene	12	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
n-Propylbenzene	3.9	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
o-Xylene	0.26	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
p- & m- Xylenes	0.26	100	0.0056	U	0.0063	U	0.0078	U	0.0087	U	0.0045	U
p-Isopropyltoluene	10	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
sec-Butylbenzene	11	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Styrene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
tert-Butyl alcohol (TBA)	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
tert-Butylbenzene	5.9	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Tetrachloroethylene (PCE)	1.3	19	0.0028	U	0.0035	J	0.0039	U	0.0044	U	0.0022	U
Toluene	0.7	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
trans-1,3-Dichloropropylene	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Trichloroethylene (TCE)	0.47	21	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Trichlorofluoromethane	NA	NA	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Vinyl chloride (VC)	0.02	0.9	0.0028	U	0.0032	U	0.0039	U	0.0044	U	0.0022	U
Xylenes, Total	0.26	100	0.0084	U	0.0095	U	0.012	U	0.013	U	0.0067	U

Analyte Detected

Analyte Above UUSCO

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 1: VOCs in Soils
1100 Saw Mill River Road



All data in mg/Kg (ppm)		Sample ID	WC-H-02 (2-4) VO		WC-H-02 (6-8) VO		WC-B-02 (7) VO		WC-B-03 S VO	
U= Not Detected ≥ indicated value		Sample Date	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
Dilution Factor			1		1		1		1	
VOCs, 8260	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
1,1,1,2-Tetrachloroethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1,1-Trichloroethane	0.68	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1,2,2-Tetrachloroethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1,2-Trichloro-1,2,2-trifluoroethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1,2-Trichloroethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1-Dichloroethane	0.27	26	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,1-Dichloroethylene (1,1-DCE)	0.33	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2,3-Trichlorobenzene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2,3-Trichloropropane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2,4-Trichlorobenzene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2,4-Trimethylbenzene	3.6	52	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2-Dibromo-3-chloropropane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2-Dibromoethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2-Dichlorobenzene	1.1	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2-Dichloroethane	0.02	3.1	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,2-Dichloropropane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,3,5-Trimethylbenzene	8.4	52	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,3-Dichlorobenzene	2.4	49	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,4-Dichlorobenzene	1.8	13	0.0023	U	0.0028	U	0.0033	U	0.0028	U
1,4-Dioxane	0.1	13	0.046	U	0.057	U	0.066	U	0.055	U
2-Butanone (MEK)	0.12	100	0.0097	B	0.019	B	0.0081	JB	0.0066	JB
2-Hexanone	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
4-Methyl-2-pentanone	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Acetone	0.05	100	0.013	U	0.042	U	0.0076	J	0.0055	U
Acrolein	NA	NA	0.0046	U	0.0057	U	0.0066	U	0.0055	U
Acrylonitrile	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Benzene	0.06	4.8	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Bromochloromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Bromodichloromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Bromoform	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Bromomethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Carbon disulfide	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Carbon tetrachloride	0.76	2.4	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Chlorobenzene	1.1	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Chloroethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Chloroform	0.37	49	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Chloromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
cis-1,2-Dichloroethylene (cis-DCE)	0.25	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
cis-1,3-Dichloropropylene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Cyclohexane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Dibromochloromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Dibromomethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Dichlorodifluoromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Ethyl Benzene	1	41	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Hexachlorobutadiene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Isopropylbenzene	2.3	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Methyl acetate	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Methyl tert-butyl ether (MTBE)	0.93	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Methylcyclohexane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Methylene chloride	0.05	100	0.005	J	0.0064	J	0.0066	U	0.0055	U
n-Butylbenzene	12	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
n-Propylbenzene	3.9	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
o-Xylene	0.26	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
p- & m- Xylenes	0.26	100	0.0046	U	0.0057	U	0.0066	U	0.0055	U
p-Isopropyltoluene	10	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
sec-Butylbenzene	11	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Styrene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
tert-Butyl alcohol (TBA)	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
tert-Butylbenzene	5.9	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Tetrachloroethylene (PCE)	1.3	19	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Toluene	0.7	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
trans-1,2-Dichloroethylene (trans-DCE)	0.19	100	0.0023	U	0.0028	U	0.0033	U	0.0028	U
trans-1,3-Dichloropropylene	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Trichloroethylene (TCE)	0.47	21	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Trichlorofluoromethane	NA	NA	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Vinyl chloride (VC)	0.02	0.9	0.0023	U	0.0028	U	0.0033	U	0.0028	U
Xylenes, Total	0.26	100	0.0069	U	0.0085	U	0.0099	U	0.0083	U

Analyte Detected

Analyte Above UUSCO

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

Table 2: SVOCs in Soils
1100 Saw Mill River Road



All data in mg/Kg (ppm)											
SVOCs, 8270	Sample ID		WC-B-01 (0-8) Comp		WC-H-01 (0-12) Comp		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp		
	UUSCO	RRUSCO	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		
	Dilution Factor		Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
1,1'-Biphenyl	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
1,2,4-Trichlorobenzene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
1,2-Dichlorobenzene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
1,3-Dichlorobenzene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
1,4-Dichlorobenzene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,3,4,6-Tetrachlorophenol	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
2,4,5-Trichlorophenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,4,6-Trichlorophenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,4-Dichlorophenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,4-Dimethylphenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,4-Dinitrophenol	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
2,4-Dinitrotoluene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2,6-Dinitrotoluene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2-Chloronaphthalene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2-Chlorophenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2-Methylnaphthalene	NA	NA	0.121	D	0.0452	U	0.0446	U	0.0459	U	
2-Methylphenol	0.33	100	0.047	U	0.0452	U	0.0446	U	0.0459	U	
2-Nitroaniline	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
2-Nitrophenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
3- & 4-Methylphenols	0.33	100	0.047	U	0.0452	U	0.0446	U	0.0459	U	
3,3'-Dichlorobenzidine	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
3-Nitroaniline	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
4,6-Dinitro-2-methylphenol	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
4-Bromophenyl phenyl ether	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
4-Chloro-3-methylphenol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
4-Chloroaniline	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
4-Chlorophenyl phenyl ether	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
4-Nitroaniline	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
4-Nitrophenol	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
Acenaphthene	20	100	0.172	D	0.0452	U	0.0775	JD	0.0644	JD	
Acenaphthylene	100	100	0.0982	D	0.0635	JD	0.0704	JD	0.0856	JD	
Acetophenone	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Aniline	NA	NA	0.188	U	0.181	U	0.178	U	0.183	U	
Anthracene	100	100	0.568	D	0.149	D	0.235	D	0.236	D	
Atrazine	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Benzaldehyde	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Benzzidine	NA	NA	0.188	U	0.181	U	0.178	U	0.183	U	
Benzo(a)anthracene	1	1	1.2	D	0.343	D	0.503	D	0.643	D	
Benzo(a)pyrene	1	1	1.11	D	0.346	D	0.494	D	0.631	D	
Benzo(b)fluoranthene	1	1	1.04	D	0.313	D	0.426	D	0.59	D	
Benzo(g,h,i)perylene	100	100	0.655	D	0.221	D	0.294	D	0.38	D	
Benzo(k)fluoranthene	0.8	3.9	0.84	D	0.268	D	0.375	D	0.481	D	
Benzoic acid	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Benzyl alcohol	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Benzyl butyl phthalate	NA	NA	0.212	D	0.0452	U	0.0446	U	0.0459	U	
Bis(2-chloroethoxy)methane	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Bis(2-chloroethyl)ether	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Bis(2-chloroisopropyl)ether	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Bis(2-ethylhexyl)phthalate	NA	NA	0.146	D	0.0649	JD	0.069	JD	0.542	D	
Caprolactam	NA	NA	0.0938	U	0.0902	U	0.0889	U	0.0915	U	
Carbazole	NA	NA	0.234	D	0.0452	U	0.0675	JD	0.0702	JD	
Chrysene	1	3.9	1.11	D	0.344	D	0.475	D	0.636	D	
Dibenzo(a,h)anthracene	0.33	0.33	0.231	D	0.0772	JD	0.0697	JD	0.138	D	
Dibenzofuran	7	59	0.047	U	0.0452	U	0.0498	JD	0.0461	JD	
Diethyl phthalate	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Dimethyl phthalate	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Di-n-butyl phthalate	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Di-n-octyl phthalate	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Fluoranthene	100	100	2.39	D	0.589	D	0.966	D	1.11	D	
Fluorene	30	100	0.187	D	0.0452	U	0.1	D	0.0827	JD	
Hexachlorobenzene	0.33	1.2	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Hexachlorobutadiene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Hexachlorocyclopentadiene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Hexachloroethane	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.732	D	0.248	D	0.326	D	0.424	D	
Isophorone	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Naphthalene	12	100	0.257	D	0.0452	U	0.0483	JD	0.0459	U	
Nitrobenzene	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
N-Nitrosodimethylamine	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
N-nitroso-di-n-propylamine	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
N-Nitrosodiphenylamine	NA	NA	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Pentachlorophenol	0.8	6.7	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Phenanthrene	100	100	2.07	D	0.348	D	0.788	D	0.71	D	
Phenol	0.33	100	0.047	U	0.0452	U	0.0446	U	0.0459	U	
Pyrene	100	100	2.17	D	0.607	D	0.953	D	1.21	D	
calculated benzo(a)pyrene (BAP) equivalent					1.5		0.5		0.7		0.9

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

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

Table 2: SVOCs in Soils
1100 Saw Mill River Road



All data in mg/Kg (ppm) U= Not Detected ≥ indicated value		Sample ID	WC-B-03S Comp		WC-B-03N Comp	
		Sample Date	(2019-10-16)		(2019-10-16)	
		Dilution Factor	2		10	
SVOCs, 8270	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier
1,1'-Biphenyl	NA	NA	0.0452	U	0.0773	JD
1,2,4,5-Tetrachlorobenzene	NA	NA	0.0901	U	0.0888	U
1,2,4-Trichlorobenzene	NA	NA	0.0452	U	0.0445	U
1,2-Dichlorobenzene	NA	NA	0.0452	U	0.0445	U
1,2-Diphenylhydrazine (Azobenzene)	NA	NA	0.0452	U	0.0445	U
1,3-Dichlorobenzene	NA	NA	0.0452	U	0.0445	U
1,4-Dichlorobenzene	NA	NA	0.0452	U	0.0445	U
2,3,4,6-Tetrachlorophenol	NA	NA	0.0901	U	0.0888	U
2,4,5-Trichlorophenol	NA	NA	0.0452	U	0.0445	U
2,4,6-Trichlorophenol	NA	NA	0.0452	U	0.0445	U
2,4-Dichlorophenol	NA	NA	0.0452	U	0.0445	U
2,4-Dimethylphenol	NA	NA	0.0452	U	0.0445	U
2,4-Dinitrophenol	NA	NA	0.0901	U	0.0888	U
2,4-Dinitrotoluene	NA	NA	0.0452	U	0.0445	U
2,6-Dinitrotoluene	NA	NA	0.0452	U	0.0445	U
2-Chloronaphthalene	NA	NA	0.0452	U	0.0445	U
2-Chlorophenol	NA	NA	0.0452	U	0.0445	U
2-Methylnaphthalene	NA	NA	0.0864	JD	0.211	D
2-Methylphenol	0.33	100	0.0452	U	0.0445	U
2-Nitroaniline	NA	NA	0.0901	U	0.0888	U
2-Nitrophenol	NA	NA	0.0452	U	0.0445	U
3- & 4-Methylphenols	0.33	100	0.0452	U	0.0445	U
3,3'-Dichlorobenzidine	NA	NA	0.0452	U	0.0445	U
3-Nitroaniline	NA	NA	0.0901	U	0.0888	U
4,6-Dinitro-2-methylphenol	NA	NA	0.0901	U	0.0888	U
4-Bromophenyl phenyl ether	NA	NA	0.0452	U	0.0445	U
4-Chloro-3-methylphenol	NA	NA	0.0452	U	0.0445	U
4-Chloroaniline	NA	NA	0.0452	U	0.0445	U
4-Chlorophenyl phenyl ether	NA	NA	0.0452	U	0.0445	U
4-Nitroaniline	NA	NA	0.0901	U	0.0888	U
4-Nitrophenol	NA	NA	0.0901	U	0.0888	U
Acenaphthene	20	100	0.24	D	0.797	D
Acenaphthylene	100	100	0.169	D	0.213	D
Acetophenone	NA	NA	0.0452	U	0.0445	U
Aniline	NA	NA	0.18	U	0.178	U
Anthracene	100	100	0.628	D	2.43	D
Atrazine	NA	NA	0.0452	U	0.0445	U
Benzaldehyde	NA	NA	0.0452	U	0.0445	U
Benzdine	NA	NA	0.18	U	0.178	U
Benzo(a)anthracene	1	1	1.3	D	4.9	D
Benzo(a)pyrene	1	1	1.22	D	3.81	D
Benzo(b)fluoranthene	1	1	1.11	D	3.81	D
Benzo(g,h,i)perylene	100	100	0.694	D	1.96	D
Benzo(k)fluoranthene	0.8	3.9	0.91	D	2.7	D
Benzoic acid	NA	NA	0.0452	U	0.0445	U
Benzyl alcohol	NA	NA	0.0452	U	0.0445	U
Benzyl butyl phthalate	NA	NA	0.0452	U	0.14	D
Bis(2-chloroethoxy)methane	NA	NA	0.0452	U	0.0445	U
Bis(2-chloroethyl)ether	NA	NA	0.0452	U	0.0445	U
Bis(2-chloroisopropyl)ether	NA	NA	0.0452	U	0.0445	U
Bis(2-ethylhexyl)phthalate	NA	NA	0.0454	JD	0.0837	JD
Caprolactam	NA	NA	0.0901	U	0.0888	U
Carbazole	NA	NA	0.256	D	0.672	D
Chrysene	1	3.9	1.19	D	4.56	D
Dibenzo(a,h)anthracene	0.33	0.33	0.261	D	0.93	D
Dibenzofuran	7	59	0.199	D	0.0445	U
Diethyl phthalate	NA	NA	0.0452	U	0.0445	U
Dimethyl phthalate	NA	NA	0.0452	U	0.0445	U
Di-n-butyl phthalate	NA	NA	0.0452	U	0.0445	U
Di-n-octyl phthalate	NA	NA	0.0452	U	0.0445	U
Fluoranthene	100	100	2.31	D	10.3	D
Fluorene	30	100	0.295	D	0.956	D
Hexachlorobenzene	0.33	1.2	0.0452	U	0.0445	U
Hexachlorobutadiene	NA	NA	0.0452	U	0.0445	U
Hexachlorocyclopentadiene	NA	NA	0.0452	U	0.0445	U
Hexachloroethane	NA	NA	0.0452	U	0.0445	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.817	D	2.48	D
Isophorone	NA	NA	0.0452	U	0.0445	U
Naphthalene	12	100	0.184	D	0.128	D
Nitrobenzene	NA	NA	0.0452	U	0.0445	U
N-Nitrosodimethylamine	NA	NA	0.0452	U	0.0445	U
N-nitroso-di-n-propylamine	NA	NA	0.0452	U	0.0445	U
N-Nitrosodiphenylamine	NA	NA	0.0452	U	0.0445	U
Pentachlorophenol	0.8	6.7	0.0452	U	0.0445	U
Phenanthrene	100	100	2.01	D	10.4	D
Phenol	0.33	100	0.0452	U	0.0445	U
Pyrene	100	100	2.27	D	8.83	D
calculated benzo(a)pyrene (BAP) equivalent			1.7		5.3	

Analyte Detected
Analyte Above UUSCO
Analyte Above RRUSCO

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

Table 3: Pesticides and PCBs in Soils
1100 Saw Mill River Road



All data in mg/Kg (ppm) U = Not Detected ≥ indicated value		Sample ID	WC-B-01 (0-8) Comp		Comp		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp		WC-B-03S Comp		WC-B-03N Comp	
		Sample Date	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor	5		5		5		5		5		5	
Pesticides, 8081	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
4,4'-DDD	0.0033	13	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
4,4'-DDE	0.0033	8.9	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
4,4'-DDT	0.0033	7.9	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Aldrin	0.005	0.097	0.00184	U	0.00179	U	0.00173	U	0.00704	D	0.00364	D	0.00172	U
alpha-BHC	0.02	0.48	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
alpha-Chlordane	0.094	4.2	0.00184	U	0.00179	U	0.00173	U	0.00988	DP	0.00824	DP	0.00719	DP
beta-BHC	0.036	0.36	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Chlordane (total)	NA	NA	0.0369	U	0.0358	U	0.0346	U	0.0507	DP	0.0425	DP	0.0344	U
delta-BHC	0.04	100	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Dieldrin	0.005	0.2	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endosulfan I	2.4	24	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endosulfan II	2.4	24	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endosulfan sulfate	2.4	24	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endrin	0.014	11	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endrin aldehyde	NA	NA	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Endrin ketone	NA	NA	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
gamma-BHC (Lindane)	0.1	1.3	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
gamma-Chlordane	NA	NA	0.00184	U	0.00179	U	0.00173	U	0.0144	D	0.0114	D	0.00941	D
Heptachlor	0.042	2.1	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Heptachlor Epoxide	NA	NA	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Methoxychlor	NA	NA	0.00184	U	0.00179	U	0.00173	U	0.00179	U	0.00178	U	0.00172	U
Toxaphene	NA	NA	0.184	U	0.179	U	0.173	U	0.179	U	0.178	U	0.172	U

		Sample ID	WC-B-01 (0-8) Comp		Comp		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp		WC-B-03S Comp		WC-B-03N Comp	
		Sample Date	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor	1		1		1		1		1		1	
Herbicides 8151	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
2,4,5-TP (Silvex)	3.8	100	0.0226	U	0.0218	U	0.0214	U	0.022	U	0.0214	U	0.0211	U

		Sample ID	WC-B-01 (0-8) Comp		WC-H-01 (0-12)		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp		WC-B-03S Comp		WC-B-03N Comp	
		Sample Date	(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor	1		1		1		1		1		1	
PCBs, 8082	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aroclor 1016	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1221	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1232	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1242	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1248	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1254	0.1	1.00	0.0186	U	0.0181	U	0.0175	U	0.0181	U	0.0179	U	0.0174	U
Aroclor 1260	0.1	1.00	0.171		0.0447		0.0488		0.237		0.444		0.2	
Aroclor, Total	0.1	1.00	0.171		0.0447		0.0488		0.237		0.444		0.2	

Analyte Detected

Analyte Above UUSCO

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

Table 4: TAL Metals in Soils
1100 Saw Mill River Road



All data in mg/Kg (ppm) U= Not Detected ≥ indicated value		Sample ID		WC-B-01 (0-8) Comp		WC-H-01 (0-12) Comp		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp	
		Sample Date		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor		1		1		1		1	
Metals, 6010, 7473 and 7196	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Aluminum	NA	NA	11,800		9,900		8,980		11,700		
Antimony	NA	NA	2.83	U	2.73	U	2.68	U	2.78	U	
Arsenic	13	16	2.87		2.21		2.78		2.9		
Barium	350	400	204		79.3		73.7		124		
Beryllium	7.2	72	0.057	U	0.055	U	0.054	U	0.056	U	
Cadmium	2.5	4.3	1.6		0.328	U	0.322	U	0.563		
Calcium	NA	NA	24,400		8,710		11,100		30,400		
Chromium	30	180	29		22.2		19.7		31.5		
Chromium (hexavalent)	1	110	0.566	U	0.546	U	0.537	U	0.556	U	
Cobalt	NA	NA	13		9.87		9.69		14.8		
Copper	50	270	80.2		31		38.4		57.3		
Iron	NA	NA	21,200		16,500		16,400		23,700		
Lead	63	400	178		83.5		66.7		64.2		
Magnesium	NA	NA	9,560		5,870		5,880		11,500		
Manganese	1,600	2,000	308		292		286		280		
Mercury	0.18	0.81	0.117		0.129		0.163		0.108		
Nickel	30	310	30.5		21.2		19.2		40.3		
Potassium	NA	NA	4,530		1,790		1,740		5,230		
Selenium	3.9	180	2.83	U	2.73	U	2.68	U	2.78	U	
Silver	2	180	0.566	U	0.546	U	0.537	U	0.556	U	
Sodium	NA	NA	382		218		233		324		
Thallium	NA	NA	2.83	U	2.73	U	2.68	U	2.78	U	
Vanadium	NA	NA	36.3		30.3		28		37.4		
Zinc	109	10,000	371		93.2		83.1		119		

		Sample ID		WC-B-01 (0-8) Comp		WC-H-01 (0-12) Comp		WC-H-02 (0-8) Comp		WC-B-02 (0-8) Comp	
		Sample Date		(2019-10-16)		(2019-10-16)		(2019-10-16)		(2019-10-16)	
		Dilution Factor		1		1		1		1	
Cyanide, 9014/9010C	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier	
Cyanide	27	27	0.566	U	0.546	U	0.537	U	0.556	U	

Analyte Detected

Analyte Above UUSCO

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

Table 4: TAL Metals in Soils
1100 Saw Mill River Road



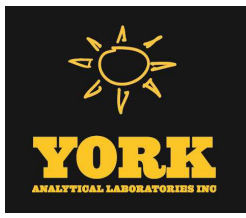
All data in mg/Kg (ppm) U= Not Detected ≥ indicated value			Sample ID		WC-B-03S Comp		WC-B-03N Comp	
			Sample Date		(2019-10-16)		(2019-10-16)	
			Dilution Factor		1		1	
Metals, 6010, 7473 and 7196	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier
Aluminum	NA	NA	12,100		12,300			
Antimony	NA	NA	5.54		2.67	U		
Arsenic	13	16	1.63	U	1.68			
Barium	350	400	128		152			
Beryllium	7.2	72	0.054	U	0.053	U		
Cadmium	2.5	4.3	0.809		0.577			
Calcium	NA	NA	28,000		27,100			
Chromium	30	180	36.6		30.8			
Chromium (hexavalent)	1	110	0.542	U	0.534	U		
Cobalt	NA	NA	16.2		15.3			
Copper	50	270	66.8		54			
Iron	NA	NA	70,100		22,200			
Lead	63	400	81.1		76.5			
Magnesium	NA	NA	8,870		9,610			
Manganese	1,600	2,000	402		272			
Mercury	0.18	0.81	0.115		0.116			
Nickel	30	310	39.8		34			
Potassium	NA	NA	5,150		5,670			
Selenium	3.9	180	2.71	U	2.67	U		
Silver	2	180	0.542	U	0.534	U		
Sodium	NA	NA	252		285			
Thallium	NA	NA	2.71	U	2.67	U		
Vanadium	NA	NA	37.4		38.7			
Zinc	109	10,000	156		183			

			Sample ID		WC-B-03S Comp		WC-B-03N Comp	
			Sample Date		(2019-10-16)		(2019-10-16)	
			Dilution Factor		1		1	
Cyanide, 9014/9010C	UUSCO	RRUSCO	Result	Qualifier	Result	Qualifier	Result	Qualifier
Cyanide	27	27	0.542	U	0.534	U		

Analyte Detected

Analyte Above UUSCO

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



Technical Report

prepared for:

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Report Date: 10/24/2019
Client Project ID: GY17120.51 1100 Saw Mill River Rd.
York Project (SDG) No.: 19J0755

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

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RICHMOND HILL, NY 11418
ClientServices@yorklab.com

Report Date: 10/24/2019
Client Project ID: GY17120.51 1100 Saw Mill River Rd.
York Project (SDG) No.: 19J0755

WCD Group - Poughkeepsie NY
24 Davis Avenue
Poughkeepsie NY, 12603
Attention: Scott Spitzer

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on October 16, 2019 and listed below. The project was identified as your project: **GY17120.51 1100 Saw Mill River Rd.**

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>
19J0755-01	WC-B-01 (0-8) Comp	Soil	10/16/2019	10/16/2019
19J0755-02	WC-H-01 (0-12) Comp	Soil	10/16/2019	10/16/2019
19J0755-03	WC-H-02 (0-8) Comp	Soil	10/16/2019	10/16/2019
19J0755-04	WC-B-02 (0-8) Comp	Soil	10/16/2019	10/16/2019
19J0755-05	WC-B-03S Comp	Soil	10/16/2019	10/16/2019
19J0755-06	WC-B-03N Comp	Soil	10/16/2019	10/16/2019
19J0755-07	WC-B-01 (3) VO	Soil	10/16/2019	10/16/2019
19J0755-08	WC-B-01 (4) VO	Soil	10/16/2019	10/16/2019
19J0755-09	WC-B-01 (7) VO	Soil	10/16/2019	10/16/2019
19J0755-10	WC-H-01 (2-4) VO	Soil	10/16/2019	10/16/2019
19J0755-11	WC-H-01 (8-10) VO	Soil	10/16/2019	10/16/2019
19J0755-12	WC-H-02 (2-4) VO	Soil	10/16/2019	10/16/2019
19J0755-13	WC-H-02 (6-8) VO	Soil	10/16/2019	10/16/2019
19J0755-14	WC-B-02 (7) VO	Soil	10/16/2019	10/16/2019
19J0755-15	WC-B-03 S VO	Soil	10/16/2019	10/16/2019

General Notes for York Project (SDG) No.: 19J0755

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: 10/24/2019





Sample Information

Client Sample ID: WC-B-01 (0-8) Comp

York Sample ID: 19J0755-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
19J0755	GY17120.51 1100 Saw Mill River Rd.	Soil	October 16, 2019 10:00 am	10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
91-57-6	2-Methylnaphthalene	121		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH



Sample Information

Client Sample ID: WC-B-01 (0-8) Comp

York Sample ID: 19J0755-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:00 am

10/16/2019

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
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
83-32-9	Acenaphthene	172		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
208-96-8	Acenaphthylene	98.2		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
98-86-2	Acetophenone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
62-53-3	Aniline	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
120-12-7	Anthracene	568		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
1912-24-9	Atrazine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
92-87-5	Benzidine	ND		ug/kg dry	188	376	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
56-55-3	Benzo(a)anthracene	1200		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
50-32-8	Benzo(a)pyrene	1110		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
205-99-2	Benzo(b)fluoranthene	1040		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
191-24-2	Benzo(g,h,i)perylene	655		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
207-08-9	Benzo(k)fluoranthene	840		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
65-85-0	Benzoic acid	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH



Sample Information

Client Sample ID: WC-B-01 (0-8) Comp

York Sample ID: 19J0755-01

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:00 am

10/16/2019

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
100-51-6	Benzyl alcohol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
85-68-7	Benzyl butyl phthalate	212		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
117-81-7	Bis(2-ethylhexyl)phthalate	146		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
105-60-2	Caprolactam	ND		ug/kg dry	93.8	187	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
86-74-8	Carbazole	234		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
218-01-9	Chrysene	1110		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
53-70-3	Dibenzo(a,h)anthracene	231		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
206-44-0	Fluoranthene	2390		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
86-73-7	Fluorene	187		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
193-39-5	Indeno(1,2,3-cd)pyrene	732		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
78-59-1	Isophorone	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH



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GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:00 am

10/16/2019

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	257		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
85-01-8	Phenanthrene	2070		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
108-95-2	Phenol	ND		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
129-00-0	Pyrene	2170		ug/kg dry	47.0	93.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 22:36	KH
	Surrogate Recoveries	Result			Acceptance Range						
367-12-4	Surrogate: SURR: 2-Fluorophenol	53.0 %			20-108						
4165-62-2	Surrogate: SURR: Phenol-d5	57.6 %			23-114						
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	51.3 %			22-108						
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	63.8 %			21-113						
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	100 %			19-110						
1718-51-0	Surrogate: SURR: Terphenyl-d14	76.2 %			24-116						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:01	CM



Sample Information

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GY17120.51 1100 Saw Mill River Rd.

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Pesticides, 8081 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	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	10/17/2019 13:58	10/22/2019 09:01	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
72-20-8	Endrin	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:01	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.184	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:01	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 09:01	CM
	Surrogate Recoveries	Result					Acceptance Range			
2051-24-3	Surrogate: Decachlorobiphenyl	33.1 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	49.4 %					30-150			

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR



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GY17120.51 1100 Saw Mill River Rd.

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Polychlorinated Biphenyls (PCB), 8082 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
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
11096-82-5	Aroclor 1260	0.171		mg/kg dry	0.0186	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 15:59	SR
1336-36-3	* Total PCBs	0.171		mg/kg dry	0.0186	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 15:59	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	40.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	26.5 %	S-08	30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.6	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 18:52	SR
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	52.2 %		21-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11800		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-36-0	Antimony	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-38-2	Arsenic	2.87		mg/kg dry	1.70	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-39-3	Barium	204		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-43-9	Cadmium	1.60		mg/kg dry	0.340	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML



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GY17120.51 1100 Saw Mill River Rd.

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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-70-2	Calcium	24400		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-47-3	Chromium	29.0		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-48-4	Cobalt	13.0		mg/kg dry	0.453	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-50-8	Copper	80.2		mg/kg dry	2.26	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7439-89-6	Iron	21200		mg/kg dry	28.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7439-92-1	Lead	178		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7439-95-4	Magnesium	9560		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7439-96-5	Manganese	308		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-02-0	Nickel	30.5		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-09-7	Potassium	4530		mg/kg dry	5.66	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7782-49-2	Selenium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-22-4	Silver	ND		mg/kg dry	0.566	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-23-5	Sodium	382		mg/kg dry	56.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-28-0	Thallium	ND		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-62-2	Vanadium	36.3		mg/kg dry	1.13	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	KML
7440-66-6	Zinc	371		mg/kg dry	2.83	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:09	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	0.117		mg/kg dry	0.0340	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/17/2019 17:23	10/17/2019 19:55	MAO

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-01 (0-8) Comp

York Sample ID: 19J0755-01

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:00 am	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	88.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/21/2019 12:00	10/21/2019 16:40	STN

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.566	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	10/23/2019 09:50	10/23/2019 16:21	MSP

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	29.0		mg/kg	0.500	1	Calculation Certifications:	10/24/2019 11:26	10/24/2019 17:26	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.566	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/22/2019 14:22	10/22/2019 19:46	MAO

Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:55 am	<u>Date Received</u> 10/16/2019
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:55 am

10/16/2019

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
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:55 am

10/16/2019

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
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
83-32-9	Acenaphthene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
208-96-8	Acenaphthylene	63.5	J	ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
62-53-3	Aniline	ND		ug/kg dry	181	361	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
120-12-7	Anthracene	149		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
92-87-5	Benzidine	ND		ug/kg dry	181	361	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
56-55-3	Benzo(a)anthracene	343		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
50-32-8	Benzo(a)pyrene	346		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
205-99-2	Benzo(b)fluoranthene	313		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
191-24-2	Benzo(g,h,i)perylene	221		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
207-08-9	Benzo(k)fluoranthene	268		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:55 am

10/16/2019

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
117-81-7	Bis(2-ethylhexyl)phthalate	64.9	J	ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.2	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
86-74-8	Carbazole	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
218-01-9	Chrysene	344		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
53-70-3	Dibenzo(a,h)anthracene	77.2	J	ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
206-44-0	Fluoranthene	589		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
86-73-7	Fluorene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
193-39-5	Indeno(1,2,3-cd)pyrene	248		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
78-59-1	Isophorone	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:55 am	<u>Date Received</u> 10/16/2019
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
85-01-8	Phenanthrene	348		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
108-95-2	Phenol	ND		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
129-00-0	Pyrene	607		ug/kg dry	45.2	90.2	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:04	KH
Surrogate Recoveries		Result	Acceptance Range								
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.7 %	20-108								
4165-62-2	Surrogate: SURR: Phenol-d5	60.3 %	23-114								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.6 %	22-108								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	65.7 %	21-113								
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	115 %	19-110								
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.3 %	24-116								

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:19	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	10/17/2019 13:58	10/22/2019 09:19	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:55 am

10/16/2019

Pesticides, 8081 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	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:19	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:19	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0358	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 09:19	CM
Surrogate Recoveries		Result					Acceptance Range			
2051-24-3	Surrogate: Decachlorobiphenyl	52.3 %					30-150			
877-09-8	Surrogate: Tetrachloro-m-xylene	66.4 %					30-150			

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
11096-82-5	Aroclor 1260	0.0447		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:13	SR
1336-36-3	* Total PCBs	0.0447		mg/kg dry	0.0181	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 16:13	SR
Surrogate Recoveries		Result					Acceptance Range			



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:55 am

10/16/2019

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
877-09-8	Surrogate: Tetrachloro-m-xylene	66.0 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	44.5 %			30-120					

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.8	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 19:03	SR
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	51.8 %			21-150					

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	9900		mg/kg dry	5.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-36-0	Antimony	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-38-2	Arsenic	2.21		mg/kg dry	1.64	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-39-3	Barium	79.3		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.055	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.328	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-70-2	Calcium	8710		mg/kg dry	5.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-47-3	Chromium	22.2		mg/kg dry	0.546	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-48-4	Cobalt	9.87		mg/kg dry	0.437	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-50-8	Copper	31.0		mg/kg dry	2.19	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7439-89-6	Iron	16500		mg/kg dry	27.3	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7439-92-1	Lead	83.5		mg/kg dry	0.546	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7439-95-4	Magnesium	5870		mg/kg dry	5.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:55 am	<u>Date Received</u> 10/16/2019
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	Manganese	292		mg/kg dry	0.546	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-02-0	Nickel	21.2		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-09-7	Potassium	1790		mg/kg dry	5.46	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7782-49-2	Selenium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-22-4	Silver	ND		mg/kg dry	0.546	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-23-5	Sodium	218		mg/kg dry	54.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-28-0	Thallium	ND		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-62-2	Vanadium	30.3		mg/kg dry	1.09	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	KML
7440-66-6	Zinc	93.2		mg/kg dry	2.73	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:11	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	0.129		mg/kg dry	0.0328	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/17/2019 17:23	10/17/2019 20:33	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
solids	* % Solids	91.5		%	0.100	1	SM 2540G Certifications: CTDOH	10/21/2019 12:00	10/21/2019 16:40	STN

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.546	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	10/23/2019 09:50	10/23/2019 16:21	MSP

Chromium, Trivalent

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-H-01 (0-12) Comp

York Sample ID: 19J0755-02

York Project (SDG) No. 19J0755 Client Project ID GY17120.51 1100 Saw Mill River Rd. Matrix Soil Collection Date/Time October 16, 2019 10:55 am Date Received 10/16/2019

Sample Prepared by Method: Analysis Preparation

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 16065-83-1 * Chromium, Trivalent, 22.2, mg/kg, 0.500, 1, Calculation, 10/24/2019 11:26, 10/24/2019 17:26, PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 57-12-5 Cyanide, total, ND, mg/kg dry, 0.546, 1, EPA 9014/9010C, 10/22/2019 14:22, 10/22/2019 19:46, MAO

Sample Information

Client Sample ID: WC-H-02 (0-8) Comp

York Sample ID: 19J0755-03

York Project (SDG) No. 19J0755 Client Project ID GY17120.51 1100 Saw Mill River Rd. Matrix Soil Collection Date/Time October 16, 2019 11:40 am Date Received 10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various compounds like 1,1-Biphenyl, 1,2,4,5-Tetrachlorobenzene, etc.



Sample Information

Client Sample ID: WC-H-02 (0-8) Comp

York Sample ID: 19J0755-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:40 am

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
83-32-9	Acenaphthene	77.5	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
208-96-8	Acenaphthylene	70.4	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
62-53-3	Aniline	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH



Sample Information

Client Sample ID: WC-H-02 (0-8) Comp

York Sample ID: 19J0755-03

York Project (SDG) No.

Client Project ID

Matrix

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:40 am

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-12-7	Anthracene	235		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
92-87-5	Benzidine	ND		ug/kg dry	178	356	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
56-55-3	Benzo(a)anthracene	503		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
50-32-8	Benzo(a)pyrene	494		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
205-99-2	Benzo(b)fluoranthene	426		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
191-24-2	Benzo(g,h,i)perylene	294		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
207-08-9	Benzo(k)fluoranthene	375		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
117-81-7	Bis(2-ethylhexyl)phthalate	69.0	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
105-60-2	Caprolactam	ND		ug/kg dry	88.9	178	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
86-74-8	Carbazole	67.5	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
218-01-9	Chrysene	475		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
53-70-3	Dibenzo(a,h)anthracene	69.7	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
132-64-9	Dibenzofuran	49.8	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH



Sample Information

Client Sample ID: WC-H-02 (0-8) Comp

York Sample ID: 19J0755-03

York Project (SDG) No.

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:40 am

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
206-44-0	Fluoranthene	966		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
86-73-7	Fluorene	100		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
193-39-5	Indeno(1,2,3-cd)pyrene	326		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
78-59-1	Isophorone	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
91-20-3	Naphthalene	48.3	J	ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
85-01-8	Phenanthrene	788		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
108-95-2	Phenol	ND		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH
129-00-0	Pyrene	953		ug/kg dry	44.6	88.9	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/18/2019 23:33	KH

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	54.8 %	20-108
4165-62-2	Surrogate: SURR: Phenol-d5	60.0 %	23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	56.9 %	22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.5 %	21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	116 %	19-110



Sample Information

Client Sample ID: WC-H-02 (0-8) Comp

York Sample ID: 19J0755-03

York Project (SDG) No.

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:40 am

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: 1718-51-0, Surrogate: SURR: Terphenyl-d14, 81.0 %, 24-116

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

Table with 12 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Rows include 72-54-8 (4,4'-DDD), 72-55-9 (4,4'-DDE), 50-29-3 (4,4'-DDT), Aldrin, alpha-BHC, alpha-Chlordane, beta-BHC, delta-BHC, Dieldrin, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, gamma-BHC (Lindane), gamma-Chlordane, Heptachlor, Heptachlor epoxide, Methoxychlor.



Sample Information

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10/16/2019

Pesticides, 8081 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
8001-35-2	Toxaphene	ND		mg/kg dry	0.173	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:37	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0346	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 09:37	CM
Surrogate Recoveries		Result			Acceptance Range					
2051-24-3	Surrogate: Decachlorobiphenyl	52.0 %			30-150					
877-09-8	Surrogate: Tetrachloro-m-xylene	73.3 %			30-150					

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
11096-82-5	Aroclor 1260	0.0488		mg/kg dry	0.0175	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:27	SR
1336-36-3	* Total PCBs	0.0488		mg/kg dry	0.0175	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 16:27	SR
Surrogate Recoveries		Result			Acceptance Range					
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %			30-120					
2051-24-3	Surrogate: Decachlorobiphenyl	47.5 %			30-120					

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 19:13	SR
Surrogate Recoveries		Result			Acceptance Range					
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	51.8 %			21-150					



Sample Information

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GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:40 am

10/16/2019

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	8980		mg/kg dry	5.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-36-0	Antimony	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-38-2	Arsenic	2.78		mg/kg dry	1.61	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-39-3	Barium	73.7		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-43-9	Cadmium	ND		mg/kg dry	0.322	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-70-2	Calcium	11100		mg/kg dry	5.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-47-3	Chromium	19.7		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-48-4	Cobalt	9.69		mg/kg dry	0.429	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-50-8	Copper	38.4		mg/kg dry	2.15	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7439-89-6	Iron	16400		mg/kg dry	26.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7439-92-1	Lead	66.7		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7439-95-4	Magnesium	5880		mg/kg dry	5.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7439-96-5	Manganese	286		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-02-0	Nickel	19.2		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-09-7	Potassium	1740		mg/kg dry	5.37	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7782-49-2	Selenium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-22-4	Silver	ND		mg/kg dry	0.537	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-23-5	Sodium	233		mg/kg dry	53.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-28-0	Thallium	ND		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-62-2	Vanadium	28.0		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML
7440-66-6	Zinc	83.1		mg/kg dry	2.68	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:14	KML



Sample Information

Client Sample ID: WC-H-02 (0-8) Comp **York Sample ID:** 19J0755-03
York Project (SDG) No. 19J0755 **Client Project ID** GY17120.51 1100 Saw Mill River Rd. **Matrix** Soil **Collection Date/Time** October 16, 2019 11:40 am **Date Received** 10/16/2019

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	0.163		mg/kg dry	0.0322	1	EPA 7473	10/17/2019 17:23	10/17/2019 20:42	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	93.1		%	0.100	1	SM 2540G	10/21/2019 12:00	10/21/2019 16:40	STN
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.537	1	EPA 7196A	10/23/2019 09:50	10/23/2019 16:21	MSP
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.7		mg/kg	0.500	1	Calculation	10/24/2019 11:26	10/24/2019 17:26	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.537	1	EPA 9014/9010C	10/22/2019 14:22	10/22/2019 19:46	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-B-02 (0-8) Comp **York Sample ID:** 19J0755-04
York Project (SDG) No. 19J0755 **Client Project ID** GY17120.51 1100 Saw Mill River Rd. **Matrix** Soil **Collection Date/Time** October 16, 2019 12:05 pm **Date Received** 10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 12:05 pm	<u>Date Received</u> 10/16/2019
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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	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
91-57-6	2-Methylnaphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

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
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
83-32-9	Acenaphthene	64.4	J	ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
208-96-8	Acenaphthylene	85.6	J	ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
62-53-3	Aniline	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
120-12-7	Anthracene	236		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
92-87-5	Benzidine	ND		ug/kg dry	183	366	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
56-55-3	Benzo(a)anthracene	643		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
50-32-8	Benzo(a)pyrene	631		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
205-99-2	Benzo(b)fluoranthene	590		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
191-24-2	Benzo(g,h,i)perylene	380		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
207-08-9	Benzo(k)fluoranthene	481		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

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
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
117-81-7	Bis(2-ethylhexyl)phthalate	542		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
105-60-2	Caprolactam	ND		ug/kg dry	91.5	183	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
86-74-8	Carbazole	70.2	J	ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
218-01-9	Chrysene	636		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
53-70-3	Dibenzo(a,h)anthracene	138		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
132-64-9	Dibenzofuran	46.1	J	ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
206-44-0	Fluoranthene	1110		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
86-73-7	Fluorene	82.7	J	ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
193-39-5	Indeno(1,2,3-cd)pyrene	424		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
78-59-1	Isophorone	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
91-20-3	Naphthalene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
85-01-8	Phenanthrene	710		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
108-95-2	Phenol	ND		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH
129-00-0	Pyrene	1210		ug/kg dry	45.9	91.5	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:02	KH

Surrogate Recoveries

Result

Acceptance Range

367-12-4	Surrogate: SURR: 2-Fluorophenol	52.3 %		20-108
4165-62-2	Surrogate: SURR: Phenol-d5	56.5 %		23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.5 %		22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	67.6 %		21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	52.7 %		19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.7 %		24-116

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
309-00-2	Aldrin	0.00704		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
5103-71-9	alpha-Chlordane	0.00988		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:54	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

Pesticides, 8081 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
60-57-1	Dieldrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	10/17/2019 13:58	10/22/2019 09:54	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
72-20-8	Endrin	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
5566-34-7	gamma-Chlordane	0.0144		mg/kg dry	0.00179	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 09:54	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.179	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 09:54	CM
57-74-9	* Chlordane, total	0.0507		mg/kg dry	0.0359	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 09:54	CM

Surrogate Recoveries

Result

Acceptance Range

2051-24-3	Surrogate: Decachlorobiphenyl	52.7 %	30-150
877-09-8	Surrogate: Tetrachloro-m-xylene	49.4 %	30-150

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

Polychlorinated Biphenyls (PCB), 8082 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
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
11096-82-5	Aroclor 1260	0.237		mg/kg dry	0.0181	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:40	SR
1336-36-3	* Total PCBs	0.237		mg/kg dry	0.0181	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 16:40	SR
Surrogate Recoveries		Result	Acceptance Range							
877-09-8	Surrogate: Tetrachloro-m-xylene	70.5 %	30-120							
2051-24-3	Surrogate: Decachlorobiphenyl	45.5 %	30-120							

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	22.0	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 19:24	SR
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	42.4 %	21-150							

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	11700		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-36-0	Antimony	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-38-2	Arsenic	2.90		mg/kg dry	1.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-39-3	Barium	124		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-43-9	Cadmium	0.563		mg/kg dry	0.334	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-70-2	Calcium	30400		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-47-3	Chromium	31.5		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 12:05 pm	<u>Date Received</u> 10/16/2019
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Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-48-4	Cobalt	14.8		mg/kg dry	0.445	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-50-8	Copper	57.3		mg/kg dry	2.22	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7439-89-6	Iron	23700		mg/kg dry	27.8	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7439-92-1	Lead	64.2		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7439-95-4	Magnesium	11500		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7439-96-5	Manganese	280		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-02-0	Nickel	40.3		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-09-7	Potassium	5230		mg/kg dry	5.56	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7782-49-2	Selenium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-23-5	Sodium	324		mg/kg dry	55.6	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-28-0	Thallium	ND		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-62-2	Vanadium	37.4		mg/kg dry	1.11	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	KML
7440-66-6	Zinc	119		mg/kg dry	2.78	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:16	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	0.108		mg/kg dry	0.0334	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/17/2019 17:23	10/17/2019 20:51	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	89.9		%	0.100	1	SM 2540G Certifications: CTDOH	10/21/2019 12:00	10/21/2019 16:40	STN



Sample Information

Client Sample ID: WC-B-02 (0-8) Comp

York Sample ID: 19J0755-04

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 12:05 pm	<u>Date Received</u> 10/16/2019
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Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	10/23/2019 09:50	10/23/2019 16:21	MSP

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	31.5		mg/kg	0.500	1	Calculation Certifications:	10/24/2019 11:26	10/24/2019 17:26	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/22/2019 14:22	10/22/2019 19:46	MAO

Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 1:00 pm	<u>Date Received</u> 10/16/2019
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
95-57-8	2-Chlorophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
91-57-6	2-Methylnaphthalene	86.4	J	ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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
100-02-7	4-Nitrophenol	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
83-32-9	Acenaphthene	240		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
208-96-8	Acenaphthylene	169		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
98-86-2	Acetophenone	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
62-53-3	Aniline	ND		ug/kg dry	180	361	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
120-12-7	Anthracene	628		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
1912-24-9	Atrazine	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
92-87-5	Benzidine	ND		ug/kg dry	180	361	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
56-55-3	Benzo(a)anthracene	1300		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
50-32-8	Benzo(a)pyrene	1220		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
205-99-2	Benzo(b)fluoranthene	1110		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
191-24-2	Benzo(g,h,i)perylene	694		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
207-08-9	Benzo(k)fluoranthene	910		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
65-85-0	Benzoic acid	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
85-68-7	Benzyl butyl phthalate	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
117-81-7	Bis(2-ethylhexyl)phthalate	45.4	J	ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
105-60-2	Caprolactam	ND		ug/kg dry	90.1	180	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
86-74-8	Carbazole	256		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH



Sample Information

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GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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
218-01-9	Chrysene	1190		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
53-70-3	Dibenzo(a,h)anthracene	261		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
132-64-9	Dibenzofuran	199		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
206-44-0	Fluoranthene	2310		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
86-73-7	Fluorene	295		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
193-39-5	Indeno(1,2,3-cd)pyrene	817		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
78-59-1	Isophorone	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
91-20-3	Naphthalene	184		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
85-01-8	Phenanthrene	2010		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH
108-95-2	Phenol	ND		ug/kg dry	45.2	90.1	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 00:31	KH



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

York Project (SDG) No.

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
129-00-0	Pyrene	2270		ug/kg dry	45.2	90.1	2	EPA 8270D	10/18/2019 07:55	10/19/2019 00:31	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	Result									Acceptance Range
367-12-4	Surrogate: SURR: 2-Fluorophenol	55.4 %									20-108
4165-62-2	Surrogate: SURR: Phenol-d5	58.6 %									23-114
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	53.6 %									22-108
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	68.7 %									21-113
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	106 %									19-110
1718-51-0	Surrogate: SURR: Terphenyl-d14	81.4 %									24-116

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	0.00364		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	0.00824		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	10/17/2019 13:58	10/22/2019 10:12	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		



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GY17120.51 1100 Saw Mill River Rd.

Soil

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10/16/2019

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
5566-34-7	gamma-Chlordane	0.0114		mg/kg dry	0.00178	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 10:12	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:12	CM
57-74-9	* Chlordane, total	0.0425		mg/kg dry	0.0355	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 10:12	CM
Surrogate Recoveries		Result		Acceptance Range						
2051-24-3	Surrogate: Decachlorobiphenyl	18.5 %	S-GC	30-150						
877-09-8	Surrogate: Tetrachloro-m-xylene	31.7 %		30-150						

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
11096-82-5	Aroclor 1260	0.444		mg/kg dry	0.0179	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 16:57	SR
1336-36-3	* Total PCBs	0.444		mg/kg dry	0.0179	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 16:57	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	22.5 %	S-08	30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	14.0 %	S-08	30-120						



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.4	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 19:35	SR
Surrogate Recoveries		Result	Acceptance Range							
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	36.8 %								

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12100		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-36-0	Antimony	5.54		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-38-2	Arsenic	ND		mg/kg dry	1.63	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-39-3	Barium	128		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-41-7	Beryllium	ND		mg/kg dry	0.054	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-43-9	Cadmium	0.809		mg/kg dry	0.325	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-70-2	Calcium	28000		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-47-3	Chromium	36.6		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-48-4	Cobalt	16.2		mg/kg dry	0.434	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-50-8	Copper	66.8		mg/kg dry	2.17	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7439-89-6	Iron	70100		mg/kg dry	27.1	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7439-92-1	Lead	81.1		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7439-95-4	Magnesium	8870		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7439-96-5	Manganese	402		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-02-0	Nickel	39.8		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-09-7	Potassium	5150		mg/kg dry	5.42	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-22-4	Silver	ND		mg/kg dry	0.542	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-23-5	Sodium	252		mg/kg dry	54.2	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-28-0	Thallium	ND		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-62-2	Vanadium	37.4		mg/kg dry	1.08	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	KML
7440-66-6	Zinc	156		mg/kg dry	2.71	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:19	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	0.115		mg/kg dry	0.0325	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/17/2019 17:23	10/17/2019 21:01	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	92.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/21/2019 12:00	10/21/2019 16:40	STN

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.542	1	EPA 7196A Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP	10/23/2019 09:50	10/23/2019 16:21	MSP

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	36.6		mg/kg	0.500	1	Calculation Certifications:	10/24/2019 11:26	10/24/2019 17:26	PAM

Cyanide, Total

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-03S Comp

York Sample ID: 19J0755-05

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 1:00 pm	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.542	1	EPA 9014/9010C Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/22/2019 14:22	10/22/2019 19:46	MAO

Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 1:10 pm	<u>Date Received</u> 10/16/2019
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Semi-Volatiles, 8270 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	77.3	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
120-82-1	1,2,4-Trichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
95-95-4	2,4,5-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
88-06-2	2,4,6-Trichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
120-83-2	2,4-Dichlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
105-67-9	2,4-Dimethylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
51-28-5	2,4-Dinitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
91-58-7	2-Chloronaphthalene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

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
95-57-8	2-Chlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
91-57-6	2-Methylnaphthalene	211		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
95-48-7	2-Methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
88-74-4	2-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
88-75-5	2-Nitrophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
65794-96-9	3- & 4-Methylphenols	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
99-09-2	3-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
59-50-7	4-Chloro-3-methylphenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
106-47-8	4-Chloroaniline	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
100-01-6	4-Nitroaniline	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
100-02-7	4-Nitrophenol	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
83-32-9	Acenaphthene	797		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
208-96-8	Acenaphthylene	213		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
98-86-2	Acetophenone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
62-53-3	Aniline	ND		ug/kg dry	178	355	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
120-12-7	Anthracene	2430		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
1912-24-9	Atrazine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
100-52-7	Benzaldehyde	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
92-87-5	Benzidine	ND		ug/kg dry	178	355	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

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
56-55-3	Benzo(a)anthracene	4900		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
50-32-8	Benzo(a)pyrene	3810		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
205-99-2	Benzo(b)fluoranthene	3810		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
191-24-2	Benzo(g,h,i)perylene	1960		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
207-08-9	Benzo(k)fluoranthene	2700		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
65-85-0	Benzoic acid	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
100-51-6	Benzyl alcohol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
85-68-7	Benzyl butyl phthalate	140		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
117-81-7	Bis(2-ethylhexyl)phthalate	83.7	J	ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
105-60-2	Caprolactam	ND		ug/kg dry	88.8	177	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
86-74-8	Carbazole	672		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
218-01-9	Chrysene	4560		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
53-70-3	Dibenzo(a,h)anthracene	930		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
132-64-9	Dibenzofuran	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
84-66-2	Diethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
131-11-3	Dimethyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
84-74-2	Di-n-butyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
117-84-0	Di-n-octyl phthalate	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
206-44-0	Fluoranthene	10300		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

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
86-73-7	Fluorene	956		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
118-74-1	Hexachlorobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
87-68-3	Hexachlorobutadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
67-72-1	Hexachloroethane	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
193-39-5	Indeno(1,2,3-cd)pyrene	2480		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
78-59-1	Isophorone	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
91-20-3	Naphthalene	128		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
98-95-3	Nitrobenzene	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
87-86-5	Pentachlorophenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
85-01-8	Phenanthrene	10400		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
108-95-2	Phenol	ND		ug/kg dry	44.5	88.8	2	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/19/2019 01:00	KH
129-00-0	Pyrene	8830		ug/kg dry	222	444	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/18/2019 07:55	10/22/2019 02:44	KH
	Surrogate Recoveries	Result						Acceptance Range			
367-12-4	Surrogate: SURR: 2-Fluorophenol	50.1 %						20-108			
4165-62-2	Surrogate: SURR: Phenol-d5	55.7 %						23-114			
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	48.4 %						22-108			
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	64.9 %						21-113			
118-79-6	Surrogate: SURR: 2,4,6-Tribromophenol	110 %						19-110			
1718-51-0	Surrogate: SURR: Terphenyl-d14	80.6 %						24-116			

Pesticides, 8081 List

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 1:10 pm	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
309-00-2	Aldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
319-84-6	alpha-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
5103-71-9	alpha-Chlordane	0.00719		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 10:30	CM
319-85-7	beta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
319-86-8	delta-BHC	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
60-57-1	Dieldrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
959-98-8	Endosulfan I	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854	10/17/2019 13:58	10/22/2019 10:30	CM
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
72-20-8	Endrin	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
5566-34-7	gamma-Chlordane	0.00941		mg/kg dry	0.00172	5	EPA 8081B Certifications: NELAC-NY10854,NJDEP	10/17/2019 13:58	10/22/2019 10:30	CM
76-44-8	Heptachlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
72-43-5	Methoxychlor	ND		mg/kg dry	0.00172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
8001-35-2	Toxaphene	ND		mg/kg dry	0.172	5	EPA 8081B Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/17/2019 13:58	10/22/2019 10:30	CM
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0344	5	EPA 8081B Certifications:	10/17/2019 13:58	10/22/2019 10:30	CM
Surrogate Recoveries		Result	Acceptance Range							
2051-24-3	Surrogate: Decachlorobiphenyl	33.2 %	30-150							
877-09-8	Surrogate: Tetrachloro-m-xylene	28.7 %	S-GC	30-150						



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

York Project (SDG) No.

Client Project ID

Matrix

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

Polychlorinated Biphenyls (PCB), 8082 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
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
11096-82-5	Aroclor 1260	0.200		mg/kg dry	0.0174	1	EPA 8082A Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP	10/17/2019 13:58	10/18/2019 17:10	SR
1336-36-3	* Total PCBs	0.200		mg/kg dry	0.0174	1	EPA 8082A Certifications:	10/17/2019 13:58	10/18/2019 17:10	SR
Surrogate Recoveries		Result		Acceptance Range						
877-09-8	Surrogate: Tetrachloro-m-xylene	38.0 %		30-120						
2051-24-3	Surrogate: Decachlorobiphenyl	24.5 %	S-08	30-120						

Herbicides, NYSDEC Part 375 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550B/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-72-1	2,4,5-TP (Silvex)	ND		ug/kg dry	21.1	1	EPA 8151A Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/23/2019 07:49	10/23/2019 19:45	SR
Surrogate Recoveries		Result		Acceptance Range						
19719-28-9	Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	39.2 %		21-150						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	12300		mg/kg dry	5.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-36-0	Antimony	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-38-2	Arsenic	1.68		mg/kg dry	1.60	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-39-3	Barium	152		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML



Sample Information

Client Sample ID: WC-B-03N Comp

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GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-41-7	Beryllium	ND		mg/kg dry	0.053	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-43-9	Cadmium	0.577		mg/kg dry	0.320	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-70-2	Calcium	27100		mg/kg dry	5.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-47-3	Chromium	30.8		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-48-4	Cobalt	15.3		mg/kg dry	0.427	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-50-8	Copper	54.0		mg/kg dry	2.14	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7439-89-6	Iron	22200		mg/kg dry	26.7	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7439-92-1	Lead	76.5		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7439-95-4	Magnesium	9610		mg/kg dry	5.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7439-96-5	Manganese	272		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-02-0	Nickel	34.0		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-09-7	Potassium	5670		mg/kg dry	5.34	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7782-49-2	Selenium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-22-4	Silver	ND		mg/kg dry	0.534	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-23-5	Sodium	285		mg/kg dry	53.4	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-28-0	Thallium	ND		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-62-2	Vanadium	38.7		mg/kg dry	1.07	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	KML
7440-66-6	Zinc	183		mg/kg dry	2.67	1	EPA 6010D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/21/2019 17:29	10/22/2019 14:21	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	0.116		mg/kg dry	0.0320	1	EPA 7473 Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP	10/17/2019 17:23	10/17/2019 21:10	MAO



Sample Information

Client Sample ID: WC-B-03N Comp

York Sample ID: 19J0755-06

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Matrix

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:10 pm

10/16/2019

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	93.6		%	0.100	1	SM 2540G	10/21/2019 12:00	10/21/2019 16:40	STN
							Certifications:	CTDOH		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.534	1	EPA 7196A	10/23/2019 09:50	10/23/2019 16:21	MSP
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	30.8		mg/kg	0.500	1	Calculation	10/24/2019 11:26	10/24/2019 17:26	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.534	1	EPA 9014/9010C	10/22/2019 14:22	10/22/2019 19:46	MAO
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: WC-B-01 (3) VO

York Sample ID: 19J0755-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:10 am

10/16/2019

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	0.0028	0.0056	1	EPA 8260C	10/18/2019 06:15	10/18/2019 12:35	LLJ
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/18/2019 06:15	10/18/2019 12:35	LLJ
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	10/18/2019 06:15	10/18/2019 12:35	LLJ
							Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP			



Sample Information

Client Sample ID: WC-B-01 (3) VO

York Sample ID: 19J0755-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:10 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
78-93-3	2-Butanone	0.0063	J, B	mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
67-64-1	Acetone	0.0089	J	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ



Sample Information

Client Sample ID: WC-B-01 (3) VO

York Sample ID: 19J0755-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:10 am

10/16/2019

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
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ



Sample Information

Client Sample ID: WC-B-01 (3) VO

York Sample ID: 19J0755-07

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:10 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-09-2	Methylene chloride	0.0078	J	mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 12:35	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: <i>SURR: 1,2-Dichloroethane-d4</i>	99.5 %	77-125								
2037-26-5	Surrogate: <i>SURR: Toluene-d8</i>	98.3 %	85-120								
460-00-4	Surrogate: <i>SURR: p-Bromofluorobenzene</i>	97.6 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-01 (3) VO

York Sample ID: 19J0755-07

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 19J0755, GY17120.51 1100 Saw Mill River Rd., Soil, October 16, 2019 9:10 am, 10/16/2019

Sample Prepared by Method: % Solids Prep

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Row 1: solids, * % Solids, 95.6, %, 0.100, 1, SM 2540G, 10/24/2019 14:09, 10/24/2019 14:10, WL. Certifications: CTDOH

Sample Information

Client Sample ID: WC-B-01 (4) VO

York Sample ID: 19J0755-08

Table with 5 columns: York Project (SDG) No., Client Project ID, Matrix, Collection Date/Time, Date Received. Values: 19J0755, GY17120.51 1100 Saw Mill River Rd., Soil, October 16, 2019 9:45 am, 10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with 11 columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Multiple rows for various organic compounds, all with ND results.



Sample Information

Client Sample ID: WC-B-01 (4) VO

York Sample ID: 19J0755-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:45 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.063	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
78-93-3	2-Butanone	0.028	B	mg/kg dry	0.0032	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
67-64-1	Acetone	0.068		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
156-59-2	cis-1,2-Dichloroethylene	0.015		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ



Sample Information

Client Sample ID: WC-B-01 (4) VO

York Sample ID: 19J0755-08

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 9:45 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-09-2	Methylene chloride	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
127-18-4	Tetrachloroethylene	0.0035	J	mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ



Sample Information

Client Sample ID: WC-B-01 (4) VO

York Sample ID: 19J0755-08

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 9:45 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0032	0.0063	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0095	0.019	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 13:01	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	102 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	97.2 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	102 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-B-01 (7) VO

York Sample ID: 19J0755-09

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:15 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ



Sample Information

Client Sample ID: WC-B-01 (7) VO

York Sample ID: 19J0755-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:15 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.078	0.16	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
78-93-3	2-Butanone	0.012	CCV-E, J	mg/kg dry	0.0039	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
67-64-1	Acetone	0.015	J	mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ



Sample Information

Client Sample ID: WC-B-01 (7) VO

York Sample ID: 19J0755-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:15 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

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



Sample Information

Client Sample ID: WC-B-01 (7) VO

York Sample ID: 19J0755-09

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

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19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:15 am

10/16/2019

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
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-09-2	Methylene chloride	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0078	0.016	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0039	0.0078	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.012	0.024	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/21/2019 08:00	10/21/2019 13:39	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	99.5 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	96.0 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-01 (7) VO

York Sample ID: 19J0755-09

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:15 am	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.1		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-H-01 (2-4) VO

York Sample ID: 19J0755-10

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:45 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ



Sample Information

Client Sample ID: WC-H-01 (2-4) VO

York Sample ID: 19J0755-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:45 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.087	0.17	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
78-93-3	2-Butanone	0.010	J, B	mg/kg dry	0.0044	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
67-64-1	Acetone	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ



Sample Information

Client Sample ID: WC-H-01 (2-4) VO

York Sample ID: 19J0755-10

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:45 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-09-2	Methylene chloride	0.012	J	mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0087	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ



Sample Information

Client Sample ID: WC-H-01 (2-4) VO

York Sample ID: 19J0755-10

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:45 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0044	0.0087	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.013	0.026	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:21	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	96.3 %	77-125								
2037-26-5	Surrogate: SURR: Toluene-d8	97.8 %	85-120								
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	95.6 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	92.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-H-01 (8-10) VO

York Sample ID: 19J0755-11

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:50 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ



Sample Information

Client Sample ID: WC-H-01 (8-10) VO

York Sample ID: 19J0755-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:50 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.090	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
78-93-3	2-Butanone	0.013	B	mg/kg dry	0.0022	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
67-64-1	Acetone	0.025		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ



Sample Information

Client Sample ID: WC-H-01 (8-10) VO

York Sample ID: 19J0755-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:50 am

10/16/2019

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
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ



Sample Information

Client Sample ID: WC-H-01 (8-10) VO

York Sample ID: 19J0755-11

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 10:50 am

10/16/2019

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
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-09-2	Methylene chloride	0.0051	J	mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0090	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0022	0.0045	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 14:47	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.6 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	97.7 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	97.7 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-H-01 (8-10) VO

York Sample ID: 19J0755-11

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 10:50 am	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	89.3		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-H-02 (2-4) VO

York Sample ID: 19J0755-12

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 11:10 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ



Sample Information

Client Sample ID: WC-H-02 (2-4) VO

York Sample ID: 19J0755-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:10 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.091	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
78-93-3	2-Butanone	0.0097	B	mg/kg dry	0.0023	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
67-64-1	Acetone	0.013		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ



Sample Information

Client Sample ID: WC-H-02 (2-4) VO

York Sample ID: 19J0755-12

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:10 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-09-2	Methylene chloride	0.0050	J	mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ



Sample Information

Client Sample ID: WC-H-02 (2-4) VO

York Sample ID: 19J0755-12

York Project (SDG) No. 19J0755 **Client Project ID** GY17120.51 1100 Saw Mill River Rd. **Matrix** Soil **Collection Date/Time** October 16, 2019 11:10 am **Date Received** 10/16/2019

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
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:14	LLJ
Surrogate Recoveries		Result			Acceptance Range						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	97.9 %			77-125						
2037-26-5	Surrogate: SURR: Toluene-d8	98.1 %			85-120						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	96.2 %			76-130						

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	91.2		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-H-02 (6-8) VO

York Sample ID: 19J0755-13

York Project (SDG) No. 19J0755 **Client Project ID** GY17120.51 1100 Saw Mill River Rd. **Matrix** Soil **Collection Date/Time** October 16, 2019 11:35 am **Date Received** 10/16/2019

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	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ



Sample Information

Client Sample ID: WC-H-02 (6-8) VO

York Sample ID: 19J0755-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:35 am

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.057	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
78-93-3	2-Butanone	0.019	B	mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
67-64-1	Acetone	0.042		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ



Sample Information

Client Sample ID: WC-H-02 (6-8) VO

York Sample ID: 19J0755-13

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 11:35 am

10/16/2019

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
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ



Sample Information

Client Sample ID: WC-H-02 (6-8) VO

York Sample ID: 19J0755-13

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 11:35 am	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-09-2	Methylene chloride	0.0064	J	mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0057	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 15:40	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0085	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 15:40	LLJ

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.0 %	77-125
2037-26-5	Surrogate: SURRE: Toluene-d8	98.2 %	85-120
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.9 %	76-130

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-H-02 (6-8) VO

York Sample ID: 19J0755-13

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 11:35 am	<u>Date Received</u> 10/16/2019
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Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	90.5		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL

Sample Information

Client Sample ID: WC-B-02 (7) VO

York Sample ID: 19J0755-14

<u>York Project (SDG) No.</u> 19J0755	<u>Client Project ID</u> GY17120.51 1100 Saw Mill River Rd.	<u>Matrix</u> Soil	<u>Collection Date/Time</u> October 16, 2019 12:05 pm	<u>Date Received</u> 10/16/2019
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Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ



Sample Information

Client Sample ID: WC-B-02 (7) VO

York Sample ID: 19J0755-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
78-93-3	2-Butanone	0.0081	B, J	mg/kg dry	0.0033	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
67-64-1	Acetone	0.0076	J	mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ



Sample Information

Client Sample ID: WC-B-02 (7) VO

York Sample ID: 19J0755-14

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 12:05 pm

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:07	LLJ



Sample Information

Client Sample ID: WC-B-02 (7) VO

York Sample ID: 19J0755-14

York Project (SDG) No. 19J0755 Client Project ID GY17120.51 1100 Saw Mill River Rd. Matrix Soil Collection Date/Time October 16, 2019 12:05 pm Date Received 10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for various organics and surrogate recoveries.

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes row for % Solids.

Sample Information

Client Sample ID: WC-B-03 S VO

York Sample ID: 19J0755-15

York Project (SDG) No. 19J0755 Client Project ID GY17120.51 1100 Saw Mill River Rd. Matrix Soil Collection Date/Time October 16, 2019 1:00 pm Date Received 10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

Table with columns: CAS No., Parameter, Result, Flag, Units, Reported to LOD/MDL, LOQ, Dilution, Reference Method, Date/Time Prepared, Date/Time Analyzed, Analyst. Includes rows for Tetrachloroethane and Trichloroethane.



Sample Information

Client Sample ID: WC-B-03 S VO

York Sample ID: 19J0755-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
78-93-3	2-Butanone	0.0066	B, J	mg/kg dry	0.0028	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
67-64-1	Acetone	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ



Sample Information

Client Sample ID: WC-B-03 S VO

York Sample ID: 19J0755-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
79-20-9	Methyl acetate	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ



Sample Information

Client Sample ID: WC-B-03 S VO

York Sample ID: 19J0755-15

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

19J0755

GY17120.51 1100 Saw Mill River Rd.

Soil

October 16, 2019 1:00 pm

10/16/2019

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
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0055	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0083	0.017	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP	10/18/2019 06:15	10/18/2019 16:33	LLJ
Surrogate Recoveries		Result	Acceptance Range								
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	98.9 %	77-125								
2037-26-5	Surrogate: SURRE: Toluene-d8	98.4 %	85-120								
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	95.4 %	76-130								

Total Solids

Log-in Notes:

Sample Notes:



Sample Information

Client Sample ID: WC-B-03 S VO

York Sample ID: 19J0755-15

York Project (SDG) No.
19J0755

Client Project ID
GY17120.51 1100 Saw Mill River Rd.

Matrix
Soil

Collection Date/Time
October 16, 2019 1:00 pm

Date Received
10/16/2019

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	95.5		%	0.100	1	SM 2540G Certifications: CTDOH	10/24/2019 14:09	10/24/2019 14:10	WL



Analytical Batch Summary

Batch ID: BJ91081 **Preparation Method:** EPA 5035A **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-07	WC-B-01 (3) VO	10/18/19
19J0755-08	WC-B-01 (4) VO	10/18/19
19J0755-10	WC-H-01 (2-4) VO	10/18/19
19J0755-11	WC-H-01 (8-10) VO	10/18/19
19J0755-12	WC-H-02 (2-4) VO	10/18/19
19J0755-13	WC-H-02 (6-8) VO	10/18/19
19J0755-14	WC-B-02 (7) VO	10/18/19
19J0755-15	WC-B-03 S VO	10/18/19
BJ91081-BLK1	Blank	10/18/19
BJ91081-BS1	LCS	10/18/19
BJ91081-BSD1	LCS Dup	10/18/19

Batch ID: BJ91085 **Preparation Method:** EPA 3550C **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/17/19
19J0755-01	WC-B-01 (0-8) Comp	10/17/19
19J0755-02	WC-H-01 (0-12) Comp	10/17/19
19J0755-02	WC-H-01 (0-12) Comp	10/17/19
19J0755-03	WC-H-02 (0-8) Comp	10/17/19
19J0755-03	WC-H-02 (0-8) Comp	10/17/19
19J0755-04	WC-B-02 (0-8) Comp	10/17/19
19J0755-04	WC-B-02 (0-8) Comp	10/17/19
19J0755-05	WC-B-03S Comp	10/17/19
19J0755-05	WC-B-03S Comp	10/17/19
19J0755-06	WC-B-03N Comp	10/17/19
19J0755-06	WC-B-03N Comp	10/17/19

Batch ID: BJ91093 **Preparation Method:** EPA 3550C **Prepared By:** LMJ

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/18/19
19J0755-02	WC-H-01 (0-12) Comp	10/18/19
19J0755-03	WC-H-02 (0-8) Comp	10/18/19
19J0755-04	WC-B-02 (0-8) Comp	10/18/19
19J0755-05	WC-B-03S Comp	10/18/19
19J0755-06	WC-B-03N Comp	10/18/19
19J0755-06RE1	WC-B-03N Comp	10/18/19
BJ91093-BLK1	Blank	10/18/19
BJ91093-BS1	LCS	10/18/19

Batch ID: BJ91106 **Preparation Method:** EPA 7473 soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
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19J0755-01	WC-B-01 (0-8) Comp	10/17/19
19J0755-02	WC-H-01 (0-12) Comp	10/17/19
19J0755-03	WC-H-02 (0-8) Comp	10/17/19
19J0755-04	WC-B-02 (0-8) Comp	10/17/19
19J0755-05	WC-B-03S Comp	10/17/19
19J0755-06	WC-B-03N Comp	10/17/19
BJ91106-BLK1	Blank	10/17/19
BJ91106-SRM1	Reference	10/17/19

Batch ID: BJ91204 **Preparation Method:** EPA 5035A **Prepared By:** LLJ

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-09	WC-B-01 (7) VO	10/21/19
BJ91204-BLK1	Blank	10/21/19
BJ91204-BS1	LCS	10/21/19
BJ91204-BSD1	LCS Dup	10/21/19

Batch ID: BJ91220 **Preparation Method:** % Solids Prep **Prepared By:** MSP

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/21/19
19J0755-02	WC-H-01 (0-12) Comp	10/21/19
19J0755-03	WC-H-02 (0-8) Comp	10/21/19
19J0755-04	WC-B-02 (0-8) Comp	10/21/19
19J0755-05	WC-B-03S Comp	10/21/19
19J0755-06	WC-B-03N Comp	10/21/19
BJ91220-DUP1	Duplicate	10/21/19

Batch ID: BJ91260 **Preparation Method:** EPA 3050B **Prepared By:** SY

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/21/19
19J0755-02	WC-H-01 (0-12) Comp	10/21/19
19J0755-03	WC-H-02 (0-8) Comp	10/21/19
19J0755-04	WC-B-02 (0-8) Comp	10/21/19
19J0755-05	WC-B-03S Comp	10/21/19
19J0755-06	WC-B-03N Comp	10/21/19
BJ91260-BLK1	Blank	10/21/19
BJ91260-SRM1	Reference	10/21/19

Batch ID: BJ91343 **Preparation Method:** Analysis Preparation Soil **Prepared By:** MAO

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/22/19
19J0755-02	WC-H-01 (0-12) Comp	10/22/19
19J0755-03	WC-H-02 (0-8) Comp	10/22/19
19J0755-04	WC-B-02 (0-8) Comp	10/22/19
19J0755-05	WC-B-03S Comp	10/22/19
19J0755-06	WC-B-03N Comp	10/22/19



BJ91343-BLK1 Blank 10/22/19
 BJ91343-SRM1 Reference 10/22/19

Batch ID: BJ91362 **Preparation Method:** EPA 3550B/8151A **Prepared By:** CTD

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/23/19
19J0755-02	WC-H-01 (0-12) Comp	10/23/19
19J0755-03	WC-H-02 (0-8) Comp	10/23/19
19J0755-04	WC-B-02 (0-8) Comp	10/23/19
19J0755-05	WC-B-03S Comp	10/23/19
19J0755-06	WC-B-03N Comp	10/23/19
BJ91362-BLK1	Blank	10/23/19
BJ91362-BS1	LCS	10/23/19

Batch ID: BJ91388 **Preparation Method:** EPA SW846-3060 **Prepared By:** MSP

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/23/19
19J0755-02	WC-H-01 (0-12) Comp	10/23/19
19J0755-03	WC-H-02 (0-8) Comp	10/23/19
19J0755-04	WC-B-02 (0-8) Comp	10/23/19
19J0755-05	WC-B-03S Comp	10/23/19
19J0755-06	WC-B-03N Comp	10/23/19
BJ91388-BLK1	Blank	10/23/19
BJ91388-DUP1	Duplicate	10/23/19
BJ91388-MS1	Matrix Spike	10/23/19
BJ91388-SRM1	Reference	10/23/19

Batch ID: BJ91491 **Preparation Method:** Analysis Preparation **Prepared By:** MSP

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-01	WC-B-01 (0-8) Comp	10/24/19
19J0755-02	WC-H-01 (0-12) Comp	10/24/19
19J0755-03	WC-H-02 (0-8) Comp	10/24/19
19J0755-04	WC-B-02 (0-8) Comp	10/24/19
19J0755-05	WC-B-03S Comp	10/24/19
19J0755-06	WC-B-03N Comp	10/24/19

Batch ID: BJ91502 **Preparation Method:** % Solids Prep **Prepared By:** WL

YORK Sample ID	Client Sample ID	Preparation Date
19J0755-07	WC-B-01 (3) VO	10/24/19
19J0755-08	WC-B-01 (4) VO	10/24/19
19J0755-09	WC-B-01 (7) VO	10/24/19
19J0755-10	WC-H-01 (2-4) VO	10/24/19
19J0755-11	WC-H-01 (8-10) VO	10/24/19
19J0755-12	WC-H-02 (2-4) VO	10/24/19
19J0755-13	WC-H-02 (6-8) VO	10/24/19



19J0755-14
19J0755-15

WC-B-02 (7) VO
WC-B-03 S VO

10/24/19
10/24/19





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 BJ91081 - EPA 5035A

Blank (BJ91081-BLK1)

Prepared & Analyzed: 10/18/2019

1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2-Butanone	0.0047	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 BJ91081 - EPA 5035A

Blank (BJ91081-BLK1)

Prepared & Analyzed: 10/18/2019

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	"								
<i>Surrogate: Surr: 1,2-Dichloroethane-d4</i>	48.3		ug/L	50.0		96.7	77-125				
<i>Surrogate: Surr: Toluene-d8</i>	49.1		"	50.0		98.2	85-120				
<i>Surrogate: Surr: p-Bromofluorobenzene</i>	48.6		"	50.0		97.1	76-130				

LCS (BJ91081-BS1)

Prepared & Analyzed: 10/18/2019

1,1,1,2-Tetrachloroethane	44		ug/L	50.0		88.7	75-129				
1,1,1-Trichloroethane	48		"	50.0		96.4	71-137				
1,1,2,2-Tetrachloroethane	44		"	50.0		88.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	37		"	50.0		74.0	58-146				
1,1,2-Trichloroethane	45		"	50.0		89.9	83-123				
1,1-Dichloroethane	45		"	50.0		89.2	75-130				
1,1-Dichloroethylene	36		"	50.0		71.3	64-137				
1,2,3-Trichlorobenzene	55		"	50.0		109	81-140				
1,2,3-Trichloropropane	45		"	50.0		89.0	81-126				
1,2,4-Trichlorobenzene	55		"	50.0		110	80-141				
1,2,4-Trimethylbenzene	47		"	50.0		94.1	84-125				
1,2-Dibromo-3-chloropropane	39		"	50.0		78.7	74-142				
1,2-Dibromoethane	48		"	50.0		95.4	86-123				
1,2-Dichlorobenzene	48		"	50.0		95.7	85-122				
1,2-Dichloroethane	42		"	50.0		85.0	71-133				
1,2-Dichloropropane	43		"	50.0		85.8	81-122				
1,3,5-Trimethylbenzene	47		"	50.0		94.2	82-126				
1,3-Dichlorobenzene	48		"	50.0		95.8	84-124				
1,4-Dichlorobenzene	50		"	50.0		99.4	84-124				
1,4-Dioxane	780		"	1050		74.3	10-228				
2-Butanone	45		"	50.0		90.3	58-147				
2-Hexanone	36		"	50.0		71.8	70-139				
4-Methyl-2-pentanone	35		"	50.0		69.6	72-132	Low Bias			
Acetone	26		"	50.0		52.6	36-155				
Acrolein	8.0		"	50.0		15.9	10-238				
Acrylonitrile	43		"	50.0		86.3	66-141				
Benzene	46		"	50.0		91.5	77-127				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ91081 - EPA 5035A

LCS (BJ91081-BS1)

Prepared & Analyzed: 10/18/2019

Bromochloromethane	44		ug/L	50.0		88.6	74-129				
Bromodichloromethane	42		"	50.0		84.0	81-124				
Bromoform	44		"	50.0		87.3	80-136				
Bromomethane	49		"	50.0		97.9	32-177				
Carbon disulfide	41		"	50.0		81.2	10-136				
Carbon tetrachloride	45		"	50.0		89.8	66-143				
Chlorobenzene	46		"	50.0		92.1	86-120				
Chloroethane	39		"	50.0		78.6	51-142				
Chloroform	47		"	50.0		94.5	76-131				
Chloromethane	32		"	50.0		63.6	49-132				
cis-1,2-Dichloroethylene	45		"	50.0		89.3	74-132				
cis-1,3-Dichloropropylene	46		"	50.0		91.3	81-129				
Cyclohexane	44		"	50.0		87.6	70-130				
Dibromochloromethane	46		"	50.0		91.9	10-200				
Dibromomethane	44		"	50.0		87.9	83-124				
Dichlorodifluoromethane	44		"	50.0		87.6	28-158				
Ethyl Benzene	45		"	50.0		89.4	84-125				
Hexachlorobutadiene	56		"	50.0		113	83-133				
Isopropylbenzene	46		"	50.0		92.9	81-127				
Methyl acetate	31		"	50.0		61.2	41-143				
Methyl tert-butyl ether (MTBE)	46		"	50.0		92.5	74-131				
Methylcyclohexane	44		"	50.0		88.2	70-130				
Methylene chloride	45		"	50.0		90.2	57-141				
n-Butylbenzene	47		"	50.0		94.8	80-130				
n-Propylbenzene	44		"	50.0		88.4	74-136				
o-Xylene	44		"	50.0		88.1	83-123				
p- & m- Xylenes	86		"	100		85.6	82-128				
p-Isopropyltoluene	49		"	50.0		98.6	85-125				
sec-Butylbenzene	49		"	50.0		98.4	83-125				
Styrene	46		"	50.0		92.0	86-126				
tert-Butyl alcohol (TBA)	170		"	250		69.8	70-130			Low Bias	
tert-Butylbenzene	48		"	50.0		95.9	80-127				
Tetrachloroethylene	48		"	50.0		96.0	80-129				
Toluene	43		"	50.0		85.1	85-121				
trans-1,2-Dichloroethylene	44		"	50.0		87.6	72-132				
trans-1,3-Dichloropropylene	40		"	50.0		80.8	78-132				
Trichloroethylene	46		"	50.0		92.9	84-123				
Trichlorofluoromethane	37		"	50.0		74.6	62-140				
Vinyl Chloride	34		"	50.0		68.6	52-130				
Surrogate: SURRE: 1,2-Dichloroethane-d4	48.1		"	50.0		96.2	77-125				
Surrogate: SURRE: Toluene-d8	48.6		"	50.0		97.1	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	48.5		"	50.0		97.0	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 BJ91081 - EPA 5035A											
LCS Dup (BJ91081-BSD1)											
Prepared & Analyzed: 10/18/2019											
1,1,1,2-Tetrachloroethane	50		ug/L	50.0		100	75-129		12.3	30	
1,1,1-Trichloroethane	54		"	50.0		108	71-137		11.8	30	
1,1,2,2-Tetrachloroethane	50		"	50.0		99.6	79-129		11.9	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43		"	50.0		85.3	58-146		14.2	30	
1,1,2-Trichloroethane	51		"	50.0		102	83-123		12.4	30	
1,1-Dichloroethane	50		"	50.0		99.8	75-130		11.3	30	
1,1-Dichloroethylene	39		"	50.0		77.7	64-137		8.54	30	
1,2,3-Trichlorobenzene	61		"	50.0		122	81-140		11.0	30	
1,2,3-Trichloropropane	50		"	50.0		100	81-126		12.1	30	
1,2,4-Trichlorobenzene	62		"	50.0		124	80-141		11.7	30	
1,2,4-Trimethylbenzene	53		"	50.0		107	84-125		12.6	30	
1,2-Dibromo-3-chloropropane	42		"	50.0		84.3	74-142		6.87	30	
1,2-Dibromoethane	54		"	50.0		108	86-123		12.2	30	
1,2-Dichlorobenzene	54		"	50.0		108	85-122		12.4	30	
1,2-Dichloroethane	48		"	50.0		95.6	71-133		11.7	30	
1,2-Dichloropropane	49		"	50.0		97.6	81-122		12.8	30	
1,3,5-Trimethylbenzene	53		"	50.0		107	82-126		12.6	30	
1,3-Dichlorobenzene	55		"	50.0		109	84-124		13.1	30	
1,4-Dichlorobenzene	56		"	50.0		113	84-124		12.7	30	
1,4-Dioxane	780		"	1050		74.0	10-228		0.388	30	
2-Butanone	56		"	50.0		111	58-147		20.6	30	
2-Hexanone	40		"	50.0		79.6	70-139		10.4	30	
4-Methyl-2-pentanone	38		"	50.0		76.9	72-132		9.99	30	
Acetone	29		"	50.0		58.5	36-155		10.8	30	
Acrolein	9.2		"	50.0		18.5	10-238		14.7	30	
Acrylonitrile	48		"	50.0		95.6	66-141		10.3	30	
Benzene	51		"	50.0		102	77-127		11.1	30	
Bromochloromethane	50		"	50.0		99.1	74-129		11.3	30	
Bromodichloromethane	48		"	50.0		95.4	81-124		12.7	30	
Bromoform	49		"	50.0		97.6	80-136		11.1	30	
Bromomethane	55		"	50.0		110	32-177		11.8	30	
Carbon disulfide	45		"	50.0		90.3	10-136		10.6	30	
Carbon tetrachloride	50		"	50.0		100	66-143		11.0	30	
Chlorobenzene	52		"	50.0		103	86-120		11.6	30	
Chloroethane	44		"	50.0		88.2	51-142		11.6	30	
Chloroform	53		"	50.0		107	76-131		12.0	30	
Chloromethane	36		"	50.0		72.2	49-132		12.7	30	
cis-1,2-Dichloroethylene	50		"	50.0		101	74-132		12.2	30	
cis-1,3-Dichloropropylene	51		"	50.0		102	81-129		11.5	30	
Cyclohexane	49		"	50.0		97.5	70-130		10.7	30	
Dibromochloromethane	52		"	50.0		103	10-200		11.6	30	
Dibromomethane	49		"	50.0		98.0	83-124		10.9	30	
Dichlorodifluoromethane	48		"	50.0		95.9	28-158		9.03	30	
Ethyl Benzene	50		"	50.0		101	84-125		11.8	30	
Hexachlorobutadiene	64		"	50.0		127	83-133		12.0	30	
Isopropylbenzene	53		"	50.0		106	81-127		13.6	30	
Methyl acetate	35		"	50.0		69.3	41-143		12.4	30	
Methyl tert-butyl ether (MTBE)	51		"	50.0		103	74-131		10.7	30	
Methylcyclohexane	50		"	50.0		99.0	70-130		11.6	30	
Methylene chloride	51		"	50.0		102	57-141		11.8	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 BJ91081 - EPA 5035A

LCS Dup (BJ91081-BSD1)

Prepared & Analyzed: 10/18/2019

n-Butylbenzene	53		ug/L	50.0		107	80-130		12.0	30	
n-Propylbenzene	50		"	50.0		100	74-136		12.4	30	
o-Xylene	50		"	50.0		99.4	83-123		12.0	30	
p- & m- Xylenes	97		"	100		97.0	82-128		12.4	30	
p-Isopropyltoluene	56		"	50.0		111	85-125		12.1	30	
sec-Butylbenzene	56		"	50.0		112	83-125		12.9	30	
Styrene	52		"	50.0		103	86-126		11.8	30	
tert-Butyl alcohol (TBA)	190		"	250		77.7	70-130		10.8	30	
tert-Butylbenzene	55		"	50.0		109	80-127		13.2	30	
Tetrachloroethylene	54		"	50.0		108	80-129		11.8	30	
Toluene	48		"	50.0		96.0	85-121		12.1	30	
trans-1,2-Dichloroethylene	50		"	50.0		99.0	72-132		12.3	30	
trans-1,3-Dichloropropylene	46		"	50.0		91.0	78-132		11.9	30	
Trichloroethylene	52		"	50.0		104	84-123		10.9	30	
Trichlorofluoromethane	43		"	50.0		86.0	62-140		14.1	30	
Vinyl Chloride	39		"	50.0		78.1	52-130		12.9	30	
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>47.5</i>		<i>"</i>	<i>50.0</i>		<i>95.0</i>	<i>77-125</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>48.7</i>		<i>"</i>	<i>50.0</i>		<i>97.5</i>	<i>85-120</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>49.0</i>		<i>"</i>	<i>50.0</i>		<i>97.9</i>	<i>76-130</i>				

Batch BJ91204 - EPA 5035A

Blank (BJ91204-BLK1)

Prepared & Analyzed: 10/21/2019

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	Units	Spike	Source*	%REC	%REC	Limits	Flag	RPD	RPD	Limit	Flag
		Limit								Limit			

Batch BJ91204 - EPA 5035A

Blank (BJ91204-BLK1)

Prepared & Analyzed: 10/21/2019

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	"										
<i>Surrogate: Surr: 1,2-Dichloroethane-d4</i>	47.8		ug/L	50.0		95.5		77-125					
<i>Surrogate: Surr: Toluene-d8</i>	49.0		"	50.0		97.9		85-120					
<i>Surrogate: Surr: p-Bromofluorobenzene</i>	47.4		"	50.0		94.8		76-130					



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting		Spike Level	Source*		%REC Limits	Flag	RPD	
		Limit	Units		Result	%REC			RPD	Limit
Batch BJ91204 - EPA 5035A										
LCS (BJ91204-BS1)										
Prepared & Analyzed: 10/21/2019										
1,1,1,2-Tetrachloroethane	44		ug/L	50.0		88.6	75-129			
1,1,1-Trichloroethane	48		"	50.0		96.3	71-137			
1,1,2,2-Tetrachloroethane	45		"	50.0		90.1	79-129			
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40		"	50.0		79.6	58-146			
1,1,2-Trichloroethane	46		"	50.0		91.2	83-123			
1,1-Dichloroethane	46		"	50.0		91.6	75-130			
1,1-Dichloroethylene	35		"	50.0		69.1	64-137			
1,2,3-Trichlorobenzene	53		"	50.0		106	81-140			
1,2,3-Trichloropropane	45		"	50.0		90.8	81-126			
1,2,4-Trichlorobenzene	53		"	50.0		107	80-141			
1,2,4-Trimethylbenzene	46		"	50.0		92.9	84-125			
1,2-Dibromo-3-chloropropane	38		"	50.0		76.1	74-142			
1,2-Dibromoethane	48		"	50.0		96.5	86-123			
1,2-Dichlorobenzene	48		"	50.0		95.1	85-122			
1,2-Dichloroethane	42		"	50.0		84.3	71-133			
1,2-Dichloropropane	44		"	50.0		87.5	81-122			
1,3,5-Trimethylbenzene	47		"	50.0		93.7	82-126			
1,3-Dichlorobenzene	48		"	50.0		95.6	84-124			
1,4-Dichlorobenzene	49		"	50.0		98.6	84-124			
1,4-Dioxane	840		"	1050		80.2	10-228			
2-Butanone	53		"	50.0		106	58-147			
2-Hexanone	38		"	50.0		76.6	70-139			
4-Methyl-2-pentanone	37		"	50.0		73.1	72-132			
Acetone	31		"	50.0		62.1	36-155			
Acrolein	3.1		"	50.0		6.24	10-238	Low Bias		
Acrylonitrile	44		"	50.0		88.0	66-141			
Benzene	47		"	50.0		94.1	77-127			
Bromochloromethane	44		"	50.0		87.9	74-129			
Bromodichloromethane	42		"	50.0		83.5	81-124			
Bromoform	44		"	50.0		87.5	80-136			
Bromomethane	48		"	50.0		96.6	32-177			
Carbon disulfide	43		"	50.0		86.7	10-136			
Carbon tetrachloride	45		"	50.0		90.8	66-143			
Chlorobenzene	46		"	50.0		92.8	86-120			
Chloroethane	40		"	50.0		79.3	51-142			
Chloroform	48		"	50.0		95.3	76-131			
Chloromethane	36		"	50.0		72.6	49-132			
cis-1,2-Dichloroethylene	45		"	50.0		90.3	74-132			
cis-1,3-Dichloropropylene	45		"	50.0		90.7	81-129			
Cyclohexane	47		"	50.0		93.8	70-130			
Dibromochloromethane	46		"	50.0		91.8	10-200			
Dibromomethane	44		"	50.0		88.3	83-124			
Dichlorodifluoromethane	69		"	50.0		138	28-158			
Ethyl Benzene	45		"	50.0		89.1	84-125			
Hexachlorobutadiene	55		"	50.0		110	83-133			
Isopropylbenzene	47		"	50.0		93.2	81-127			
Methyl acetate	33		"	50.0		66.4	41-143			
Methyl tert-butyl ether (MTBE)	47		"	50.0		94.1	74-131			
Methylcyclohexane	46		"	50.0		91.9	70-130			
Methylene chloride	45		"	50.0		90.6	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 BJ91204 - EPA 5035A

LCS (BJ91204-BS1)

Prepared & Analyzed: 10/21/2019

n-Butylbenzene	47		ug/L	50.0		93.8	80-130				
n-Propylbenzene	44		"	50.0		87.6	74-136				
o-Xylene	44		"	50.0		87.7	83-123				
p- & m- Xylenes	86		"	100		85.6	82-128				
p-Isopropyltoluene	49		"	50.0		97.9	85-125				
sec-Butylbenzene	49		"	50.0		98.3	83-125				
Styrene	46		"	50.0		92.8	86-126				
tert-Butyl alcohol (TBA)	180		"	250		72.8	70-130				
tert-Butylbenzene	48		"	50.0		95.2	80-127				
Tetrachloroethylene	48		"	50.0		95.6	80-129				
Toluene	43		"	50.0		85.9	85-121				
trans-1,2-Dichloroethylene	45		"	50.0		89.2	72-132				
trans-1,3-Dichloropropylene	40		"	50.0		80.2	78-132				
Trichloroethylene	46		"	50.0		93.0	84-123				
Trichlorofluoromethane	40		"	50.0		80.3	62-140				
Vinyl Chloride	38		"	50.0		75.6	52-130				
<i>Surrogate: SURR: 1,2-Dichloroethane-d4</i>	<i>46.9</i>		<i>"</i>	<i>50.0</i>		<i>93.8</i>	<i>77-125</i>				
<i>Surrogate: SURR: Toluene-d8</i>	<i>48.7</i>		<i>"</i>	<i>50.0</i>		<i>97.4</i>	<i>85-120</i>				
<i>Surrogate: SURR: p-Bromofluorobenzene</i>	<i>48.4</i>		<i>"</i>	<i>50.0</i>		<i>96.8</i>	<i>76-130</i>				

LCS Dup (BJ91204-BSD1)

Prepared & Analyzed: 10/21/2019

1,1,1,2-Tetrachloroethane	51		ug/L	50.0		101	75-129		13.3	30	
1,1,1-Trichloroethane	55		"	50.0		110	71-137		13.5	30	
1,1,2,2-Tetrachloroethane	51		"	50.0		102	79-129		12.5	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	45		"	50.0		90.0	58-146		12.2	30	
1,1,2-Trichloroethane	52		"	50.0		105	83-123		13.9	30	
1,1-Dichloroethane	52		"	50.0		104	75-130		12.8	30	
1,1-Dichloroethylene	38		"	50.0		76.1	64-137		9.59	30	
1,2,3-Trichlorobenzene	61		"	50.0		122	81-140		13.9	30	
1,2,3-Trichloropropane	51		"	50.0		102	81-126		12.0	30	
1,2,4-Trichlorobenzene	62		"	50.0		123	80-141		14.2	30	
1,2,4-Trimethylbenzene	53		"	50.0		106	84-125		13.4	30	
1,2-Dibromo-3-chloropropane	43		"	50.0		85.2	74-142		11.2	30	
1,2-Dibromoethane	56		"	50.0		111	86-123		14.2	30	
1,2-Dichlorobenzene	54		"	50.0		109	85-122		13.6	30	
1,2-Dichloroethane	48		"	50.0		96.1	71-133		13.1	30	
1,2-Dichloropropane	50		"	50.0		99.2	81-122		12.6	30	
1,3,5-Trimethylbenzene	53		"	50.0		106	82-126		12.4	30	
1,3-Dichlorobenzene	54		"	50.0		109	84-124		12.8	30	
1,4-Dichlorobenzene	56		"	50.0		112	84-124		13.1	30	
1,4-Dioxane	1100		"	1050		102	10-228		23.8	30	
2-Butanone	63		"	50.0		126	58-147		17.6	30	
2-Hexanone	44		"	50.0		87.0	70-139		12.7	30	
4-Methyl-2-pentanone	41		"	50.0		82.9	72-132		12.6	30	
Acetone	35		"	50.0		69.3	36-155		10.9	30	
Acrolein	5.4		"	50.0		10.9	10-238		54.0	30	Non-dir.
Acrylonitrile	51		"	50.0		103	66-141		15.6	30	
Benzene	54		"	50.0		108	77-127		13.4	30	
Bromochloromethane	51		"	50.0		103	74-129		15.6	30	
Bromodichloromethane	48		"	50.0		95.3	81-124		13.2	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

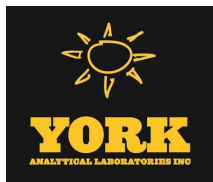
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ91204 - EPA 5035A

LCS Dup (BJ91204-BSD1)

Prepared & Analyzed: 10/21/2019

Bromoform	50		ug/L	50.0		99.5	80-136		12.9	30	
Bromomethane	56		"	50.0		112	32-177		14.5	30	
Carbon disulfide	50		"	50.0		100	10-136		14.4	30	
Carbon tetrachloride	51		"	50.0		102	66-143		11.4	30	
Chlorobenzene	53		"	50.0		106	86-120		13.4	30	
Chloroethane	47		"	50.0		93.6	51-142		16.6	30	
Chloroform	55		"	50.0		109	76-131		13.6	30	
Chloromethane	41		"	50.0		82.4	49-132		12.7	30	
cis-1,2-Dichloroethylene	52		"	50.0		103	74-132		13.6	30	
cis-1,3-Dichloropropylene	52		"	50.0		104	81-129		14.0	30	
Cyclohexane	54		"	50.0		107	70-130		13.4	30	
Dibromochloromethane	52		"	50.0		104	10-200		12.8	30	
Dibromomethane	51		"	50.0		102	83-124		14.4	30	
Dichlorodifluoromethane	79		"	50.0		158	28-158		13.4	30	
Ethyl Benzene	51		"	50.0		102	84-125		13.2	30	
Hexachlorobutadiene	62		"	50.0		124	83-133		11.9	30	
Isopropylbenzene	53		"	50.0		106	81-127		12.9	30	
Methyl acetate	37		"	50.0		74.9	41-143		12.0	30	
Methyl tert-butyl ether (MTBE)	54		"	50.0		108	74-131		13.6	30	
Methylcyclohexane	52		"	50.0		105	70-130		12.8	30	
Methylene chloride	53		"	50.0		105	57-141		14.8	30	
n-Butylbenzene	53		"	50.0		106	80-130		12.6	30	
n-Propylbenzene	50		"	50.0		99.9	74-136		13.1	30	
o-Xylene	50		"	50.0		100	83-123		13.4	30	
p- & m- Xylenes	98		"	100		97.8	82-128		13.3	30	
p-Isopropyltoluene	56		"	50.0		112	85-125		13.0	30	
sec-Butylbenzene	56		"	50.0		112	83-125		12.9	30	
Styrene	53		"	50.0		106	86-126		13.4	30	
tert-Butyl alcohol (TBA)	220		"	250		87.7	70-130		18.6	30	
tert-Butylbenzene	54		"	50.0		108	80-127		12.9	30	
Tetrachloroethylene	54		"	50.0		108	80-129		12.4	30	
Toluene	49		"	50.0		98.6	85-121		13.8	30	
trans-1,2-Dichloroethylene	51		"	50.0		103	72-132		14.2	30	
trans-1,3-Dichloropropylene	46		"	50.0		91.1	78-132		12.7	30	
Trichloroethylene	53		"	50.0		105	84-123		12.4	30	
Trichlorofluoromethane	45		"	50.0		90.8	62-140		12.2	30	
Vinyl Chloride	43		"	50.0		85.8	52-130		12.6	30	
Surrogate: SURRE: 1,2-Dichloroethane-d4	46.8		"	50.0		93.6	77-125				
Surrogate: SURRE: Toluene-d8	48.7		"	50.0		97.5	85-120				
Surrogate: SURRE: p-Bromofluorobenzene	48.4		"	50.0		96.9	76-130				



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 BJ91093 - EPA 3550C

Blank (BJ91093-BLK1)

Prepared & Analyzed: 10/18/2019

1,1-Biphenyl	ND	62.2	ug/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	124	"								
1,2,4-Trichlorobenzene	ND	62.2	"								
1,2-Dichlorobenzene	ND	62.2	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	62.2	"								
1,3-Dichlorobenzene	ND	62.2	"								
1,4-Dichlorobenzene	ND	62.2	"								
2,3,4,6-Tetrachlorophenol	ND	124	"								
2,4,5-Trichlorophenol	ND	62.2	"								
2,4,6-Trichlorophenol	ND	62.2	"								
2,4-Dichlorophenol	ND	62.2	"								
2,4-Dimethylphenol	ND	62.2	"								
2,4-Dinitrophenol	ND	124	"								
2,4-Dinitrotoluene	ND	62.2	"								
2,6-Dinitrotoluene	ND	62.2	"								
2-Chloronaphthalene	ND	62.2	"								
2-Chlorophenol	ND	62.2	"								
2-Methylnaphthalene	ND	62.2	"								
2-Methylphenol	ND	62.2	"								
2-Nitroaniline	ND	124	"								
2-Nitrophenol	ND	62.2	"								
3- & 4-Methylphenols	ND	62.2	"								
3,3-Dichlorobenzidine	ND	62.2	"								
3-Nitroaniline	ND	124	"								
4,6-Dinitro-2-methylphenol	ND	124	"								
4-Bromophenyl phenyl ether	ND	62.2	"								
4-Chloro-3-methylphenol	ND	62.2	"								
4-Chloroaniline	ND	62.2	"								
4-Chlorophenyl phenyl ether	ND	62.2	"								
4-Nitroaniline	ND	124	"								
4-Nitrophenol	ND	124	"								
Acenaphthene	ND	62.2	"								
Acenaphthylene	ND	62.2	"								
Acetophenone	ND	62.2	"								
Aniline	ND	249	"								
Anthracene	ND	62.2	"								
Atrazine	ND	62.2	"								
Benzaldehyde	ND	62.2	"								
Benzidine	ND	249	"								
Benzo(a)anthracene	ND	62.2	"								
Benzo(a)pyrene	ND	62.2	"								
Benzo(b)fluoranthene	ND	62.2	"								
Benzo(g,h,i)perylene	ND	62.2	"								
Benzo(k)fluoranthene	ND	62.2	"								
Benzoic acid	ND	62.2	"								
Benzyl alcohol	ND	62.2	"								
Benzyl butyl phthalate	ND	62.2	"								
Bis(2-chloroethoxy)methane	ND	62.2	"								
Bis(2-chloroethyl)ether	ND	62.2	"								
Bis(2-chloroisopropyl)ether	ND	62.2	"								
Bis(2-ethylhexyl)phthalate	ND	62.2	"								



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 BJ91093 - EPA 3550C

Blank (BJ91093-BLK1)

Prepared & Analyzed: 10/18/2019

Caprolactam	ND	124	ug/kg wet								
Carbazole	ND	62.2	"								
Chrysene	ND	62.2	"								
Dibenzo(a,h)anthracene	ND	62.2	"								
Dibenzofuran	ND	62.2	"								
Diethyl phthalate	ND	62.2	"								
Dimethyl phthalate	ND	62.2	"								
Di-n-butyl phthalate	ND	62.2	"								
Di-n-octyl phthalate	ND	62.2	"								
Fluoranthene	ND	62.2	"								
Fluorene	ND	62.2	"								
Hexachlorobenzene	ND	62.2	"								
Hexachlorobutadiene	ND	62.2	"								
Hexachlorocyclopentadiene	ND	62.2	"								
Hexachloroethane	ND	62.2	"								
Indeno(1,2,3-cd)pyrene	ND	62.2	"								
Isophorone	ND	62.2	"								
Naphthalene	ND	62.2	"								
Nitrobenzene	ND	62.2	"								
N-Nitrosodimethylamine	ND	62.2	"								
N-nitroso-di-n-propylamine	ND	62.2	"								
N-Nitrosodiphenylamine	ND	62.2	"								
Pentachlorophenol	ND	62.2	"								
Phenanthrene	ND	62.2	"								
Phenol	ND	62.2	"								
Pyrene	ND	62.2	"								
Surrogate: SURR: 2-Fluorophenol	1230		"	2490		49.5	20-108				
Surrogate: SURR: Phenol-d5	1240		"	2490		50.0	23-114				
Surrogate: SURR: Nitrobenzene-d5	687		"	1240		55.2	22-108				
Surrogate: SURR: 2-Fluorobiphenyl	699		"	1240		56.2	21-113				
Surrogate: SURR: 2,4,6-Tribromophenol	2100		"	2490		84.5	19-110				
Surrogate: SURR: Terphenyl-d14	763		"	1240		61.4	24-116				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ91093 - EPA 3550C

LCS (BJ91093-BS1)

Prepared & Analyzed: 10/18/2019

1,1-Biphenyl	866	62.2	ug/kg wet	1240		69.6	22-103				
1,2,4,5-Tetrachlorobenzene	1110	124	"	1480		74.7	10-144				
1,2,4-Trichlorobenzene	836	62.2	"	1240		67.2	23-130				
1,2-Dichlorobenzene	841	62.2	"	1240		67.6	26-113				
1,2-Diphenylhydrazine (as Azobenzene)	904	62.2	"	1240		72.7	10-140				
1,3-Dichlorobenzene	813	62.2	"	1240		65.4	32-113				
1,4-Dichlorobenzene	820	62.2	"	1240		66.0	28-111				
2,3,4,6-Tetrachlorophenol	1180	124	"	1240		95.1	30-130				
2,4,5-Trichlorophenol	955	62.2	"	1240		76.8	14-138				
2,4,6-Trichlorophenol	1150	62.2	"	1240		92.5	27-122				
2,4-Dichlorophenol	980	62.2	"	1240		78.8	23-133				
2,4-Dimethylphenol	884	62.2	"	1240		71.1	15-131				
2,4-Dinitrophenol	371	124	"	1240		29.8	10-149				
2,4-Dinitrotoluene	1170	62.2	"	1240		94.1	30-123				
2,6-Dinitrotoluene	1100	62.2	"	1240		88.5	30-125				
2-Chloronaphthalene	838	62.2	"	1240		67.4	22-115				
2-Chlorophenol	919	62.2	"	1240		73.9	25-121				
2-Methylnaphthalene	935	62.2	"	1240		75.2	16-127				
2-Methylphenol	839	62.2	"	1240		67.4	10-146				
2-Nitroaniline	1100	124	"	1240		88.5	24-126				
2-Nitrophenol	1200	62.2	"	1240		96.8	17-129				
3- & 4-Methylphenols	758	62.2	"	1240		60.9	20-109				
3,3-Dichlorobenzidine	1050	62.2	"	1240		84.4	10-147				
3-Nitroaniline	909	124	"	1240		73.1	23-123				
4,6-Dinitro-2-methylphenol	1290	124	"	1240		103	10-149				
4-Bromophenyl phenyl ether	907	62.2	"	1240		72.9	30-138				
4-Chloro-3-methylphenol	933	62.2	"	1240		75.0	16-138				
4-Chloroaniline	519	62.2	"	1240		41.8	10-117				
4-Chlorophenyl phenyl ether	981	62.2	"	1240		78.8	18-132				
4-Nitroaniline	1100	124	"	1240		88.5	14-125				
4-Nitrophenol	1030	124	"	1240		82.4	10-136				
Acenaphthene	855	62.2	"	1240		68.7	17-124				
Acenaphthylene	879	62.2	"	1240		70.6	16-124				
Acetophenone	864	62.2	"	1240		69.5	28-105				
Aniline	726	249	"	1240		58.4	10-111				
Anthracene	904	62.2	"	1240		72.7	24-124				
Atrazine	947	62.2	"	1240		76.2	22-120				
Benzaldehyde	1050	62.2	"	1240		84.5	21-100				
Benzo(a)anthracene	1040	62.2	"	1240		83.9	25-134				
Benzo(a)pyrene	1020	62.2	"	1240		82.1	29-144				
Benzo(b)fluoranthene	1070	62.2	"	1240		86.4	20-151				
Benzo(g,h,i)perylene	1050	62.2	"	1240		84.1	10-153				
Benzo(k)fluoranthene	968	62.2	"	1240		77.8	10-148				
Benzoic acid	230	62.2	"	1240		18.5	10-116				
Benzyl alcohol	967	62.2	"	1240		77.8	17-128				
Benzyl butyl phthalate	1170	62.2	"	1240		93.8	10-132				
Bis(2-chloroethoxy)methane	799	62.2	"	1240		64.2	10-129				
Bis(2-chloroethyl)ether	783	62.2	"	1240		63.0	14-125				
Bis(2-chloroisopropyl)ether	816	62.2	"	1240		65.6	14-122				
Bis(2-ethylhexyl)phthalate	1140	62.2	"	1240		91.8	10-141				
Caprolactam	1120	124	"	1240		89.9	10-123				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch BJ91093 - EPA 3550C

LCS (BJ91093-BS1)

Prepared & Analyzed: 10/18/2019

Carbazole	885	62.2	ug/kg wet	1240		71.2	31-120			
Chrysene	1030	62.2	"	1240		83.1	24-116			
Dibenzo(a,h)anthracene	1080	62.2	"	1240		87.2	17-147			
Dibenzofuran	900	62.2	"	1240		72.3	23-123			
Diethyl phthalate	954	62.2	"	1240		76.7	23-122			
Dimethyl phthalate	951	62.2	"	1240		76.4	28-127			
Di-n-butyl phthalate	1000	62.2	"	1240		80.4	19-123			
Di-n-octyl phthalate	1330	62.2	"	1240		107	10-132			
Fluoranthene	940	62.2	"	1240		75.6	36-125			
Fluorene	945	62.2	"	1240		76.0	16-130			
Hexachlorobenzene	850	62.2	"	1240		68.4	10-129			
Hexachlorobutadiene	865	62.2	"	1240		69.6	22-153			
Hexachlorocyclopentadiene	904	62.2	"	1240		72.7	10-134			
Hexachloroethane	828	62.2	"	1240		66.6	20-112			
Indeno(1,2,3-cd)pyrene	1010	62.2	"	1240		81.2	10-155			
Isophorone	808	62.2	"	1240		65.0	14-131			
Naphthalene	864	62.2	"	1240		69.5	20-121			
Nitrobenzene	771	62.2	"	1240		62.0	20-121			
N-Nitrosodimethylamine	571	62.2	"	1240		45.9	10-124			
N-nitroso-di-n-propylamine	826	62.2	"	1240		66.4	21-119			
N-Nitrosodiphenylamine	1320	62.2	"	1240		106	10-163			
Pentachlorophenol	1270	62.2	"	1240		102	10-143			
Phenanthrene	897	62.2	"	1240		72.1	24-123			
Phenol	903	62.2	"	1240		72.6	15-123			
Pyrene	1030	62.2	"	1240		83.0	24-132			
Surrogate: SURR: 2-Fluorophenol	1580		"	2490		63.6	20-108			
Surrogate: SURR: Phenol-d5	1580		"	2490		63.5	23-114			
Surrogate: SURR: Nitrobenzene-d5	845		"	1240		67.9	22-108			
Surrogate: SURR: 2-Fluorobiphenyl	891		"	1240		71.6	21-113			
Surrogate: SURR: 2,4,6-Tribromophenol	2810		"	2490		113	19-110			
Surrogate: SURR: Terphenyl-d14	1080		"	1240		86.6	24-116			



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

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

Batch Y9I2404 - BI90712

Performance Mix (Y9I2404-PEM1)

Prepared & Analyzed: 09/16/2019

4,4'-DDD	12.6		ng/mL	0.00				0-200					
4,4'-DDE	1.76		"	0.00				0-200					
4,4'-DDT	464		"	200		232		0-200	High Bias				
Endrin	171		"	100		171		0-200					
Endrin aldehyde	7.46		"	0.00				0-200					
Endrin ketone	9.57		"	0.00				0-200					

Batch Y9J2306 - BI90560

Performance Mix (Y9J2306-PEM1)

Prepared & Analyzed: 10/22/2019

4,4'-DDD	2.82		ng/mL	0.00				0-200					
4,4'-DDE	0.693		"	0.00				0-200					
4,4'-DDT	326		"	200		163		0-200					
Endrin	112		"	100		112		0-200					
Endrin aldehyde	1.48		"	0.00				0-200					
Endrin ketone	2.77		"	0.00				0-200					



Chlorinated Herbicides by GC/ECD - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ91362 - EPA 3550B/8151A											
Blank (BJ91362-BLK1)										Prepared & Analyzed: 10/23/2019	
2,4,5-TP (Silvex)	ND	19.9	ug/kg wet								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	609		"	498		122	21-150				
LCS (BJ91362-BS1)										Prepared & Analyzed: 10/23/2019	
2,4,5-TP (Silvex)	85.7	19.9	ug/kg wet	159		53.8	10-120				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	659		"	498		132	21-150				



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

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ91260 - EPA 3050B

Blank (BJ91260-BLK1)

Prepared: 10/21/2019 Analyzed: 10/22/2019

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

Reference (BJ91260-SRM1)

Prepared: 10/21/2019 Analyzed: 10/22/2019

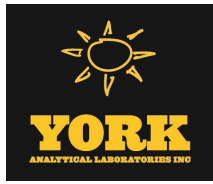
Aluminum	6400	5.00	mg/kg wet	7700	83.2	49.4-150.6
Antimony	40.4	2.50	"	40.0	101	21.58-292.5
Arsenic	134	1.50	"	125	107	69.8-129.6
Barium	584	2.50	"	529	110	75-125.1
Beryllium	171	0.050	"	155	110	74.8-125.2
Cadmium	42.9	0.300	"	37.7	114	74.8-124.9
Calcium	4930	5.00	"	4720	104	72.5-127.3
Chromium	59.1	0.500	"	58.3	101	70-130
Cobalt	223	0.400	"	196	114	75-125
Copper	88.5	2.00	"	78.0	114	75-125
Iron	11500	25.0	"	13800	83.3	34.4-165.9
Lead	121	0.500	"	111	109	70.9-128.8
Magnesium	2200	5.00	"	2240	98.4	61.6-138.4
Manganese	364	0.500	"	310	118	74.5-125.2
Nickel	373	1.00	"	333	112	70-130
Potassium	1840	5.00	"	1970	93.5	58.4-141.1
Selenium	240	2.50	"	251	95.8	69.3-131.1
Silver	28.7	0.500	"	27.2	106	67.6-132
Sodium	223	50.0	"	220	101	48.2-151.8
Thallium	272	2.50	"	241	113	72.6-127.4
Vanadium	127	1.00	"	125	101	70.2-129.6
Zinc	382	2.50	"	351	109	69.8-129.9



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

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ91106 - EPA 7473 soil											
Blank (BJ91106-BLK1)											
Mercury	ND	0.0300	mg/kg wet								Prepared & Analyzed: 10/17/2019
Reference (BJ91106-SRM1)											
Mercury	3.3742		mg/kg	3.71		90.9	65-135				



Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
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Batch BJ91220 - % Solids Prep

Duplicate (BJ91220-DUP1)	*Source sample: 19J0755-01 (WC-B-01 (0-8) Comp)						Prepared & Analyzed: 10/21/2019					
% Solids	89.3	0.100	%		88.3				1.06	20		



Wet Chemistry Parameters - Quality Control Data
York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BJ91343 - Analysis Preparation Soil											
Blank (BJ91343-BLK1)											Prepared & Analyzed: 10/22/2019
Cyanide, total	ND	0.500	mg/kg wet								
Reference (BJ91343-SRM1)											Prepared & Analyzed: 10/22/2019
Cyanide, total	99.8		ug/mL	96.2		104	42.41-156.96				
Batch BJ91388 - EPA SW846-3060											
Blank (BJ91388-BLK1)											Prepared & Analyzed: 10/23/2019
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BJ91388-DUP1)											Prepared & Analyzed: 10/23/2019
	*Source sample: 19J0755-01 (WC-B-01 (0-8) Comp)										
Chromium, Hexavalent	ND	0.566	mg/kg dry		ND						35
Matrix Spike (BJ91388-MS1)											Prepared & Analyzed: 10/23/2019
	*Source sample: 19J0755-01 (WC-B-01 (0-8) Comp)										
Chromium, Hexavalent	6.25	0.566	mg/kg dry	22.6	ND	27.6	75-125	Low Bias			
Reference (BJ91388-SRM1)											Prepared & Analyzed: 10/23/2019
Chromium, Hexavalent	117		mg/L	124		94.0	33.06-167.74				



Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
19J0755-07	WC-B-01 (3) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-08	WC-B-01 (4) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-09	WC-B-01 (7) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-10	WC-H-01 (2-4) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-11	WC-H-01 (8-10) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-12	WC-H-02 (2-4) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-13	WC-H-02 (6-8) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-14	WC-B-02 (7) VO	40mL Vial with Stir Bar-Cool 4° C
19J0755-15	WC-B-03 S VO	40mL Vial with Stir Bar-Cool 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.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

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



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

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

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

Certification for pH is no longer offered by NYDOH ELAP.

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

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



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Field Chain-of-Custody Record

YORK Project No.
19J0755

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

Page **2 of 2**

YOUR INFORMATION		Report To:		Invoice To:		YOUR Project Number		Turn-Around Time	
Company:		Company:		Company:		YOUR Project Name		RUSH - Next Day	
Address:		Address:		Address:		6Y1712051		RUSH - Two Day	
Phone:		Phone:		Phone:		1100 Saw Mill River Rd.		RUSH - Three Day	
Contact:		Contact:		Contact:				RUSH - Four Day	
E-mail:		E-mail:		E-mail:				Standard (5-7 Day)	

YOUR PO#:		Report / EDD Type (circle selections)		YORK Reg. Comp.	
		Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
		QA Report	CT RCP DQA/DUE	EQULS (Standard)	
		NY ASP A Package	NJDEP Reduced Deliverables	NYSDEC EQUIS	
		NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
				Other:	

Sample Identification	Matrix	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
WC-H01-01 (2-4) VO	S - soil / solid	S	10/16 10:45	VOC	
WC-H-01 (8-10) VO	GW - groundwater	f	10/16 10:50		
WC-H-02 (2-4) VO	DW - drinking water	v	10/16 11:10		
WC-H-02 (6-8) VO	WW - wastewater		10/16 11:35		
WC-B-02 (7) VO	O - Oil		10/16 12:05		
WC-B-03 S VO	Other		10/16 13:00		

Comments:		Preservation: (check all that apply)	
		HCl	MeOH <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> ZnAc <input type="checkbox"/>
		Ascorbic Acid	Other: DT
Samples Relinquished by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
<i>[Signature]</i>	10/16 14:04	<i>[Signature]</i>	10-16-19
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
<i>[Signature]</i>	10/16/19 16:38	<i>[Signature]</i>	10-16-19 16:38
Samples Relinquished by / Company	Date/Time	Samples Received in LAB by	Date/Time
<i>[Signature]</i>		<i>[Signature]</i>	10-16-19/1938
		Temp. Received at Lab	1.3 Degrees C