

**STRUCTURAL  
ENGINEERING  
TECHNOLOGIES, P.C.**

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November 5, 2020

Mr. Michael Jayne  
SNL CONSTRUCTION, LLC  
3333 New Hyde Park Road, Suite 200  
Lake Success, NY 11042

**Re: 60 McLean Avenue, Yonkers, New York  
Fourth Round Groundwater Testing  
NYSDEC Spill No. 20-00623**

Dear Mr. Jayne:

This letter is intended to provide you with the third quarterly groundwater sampling results from the above referenced site, 60 McLean Avenue, Yonkers, New York, as requested by Mr. Keith Browne of the New York State Department of Environmental Conservation (NYSDEC) in the email dated July 31, 2020.

#### **Third Round Groundwater Sampling on 60 McLean Avenue**

The purpose of this investigation was to determine the current groundwater quality of the Subject Property. The sampling event was conducted on October 27, 2020. Initially, one round of static water levels was obtained prior to groundwater purging and sampling to determine groundwater elevation and groundwater flow direction. Water level data is included in **Table 1**. Groundwater head measurements were collected utilizing a Solinst® 122 Oil/Water Interface Probe (Interface Probe). The Interface Probe can measure depths to water to 0.01 inch. The depth to water was measured in each well from the northern portion of the casing top. The depth to groundwater was gauged on October 27, 2020. The results revealed the depth to water as follows:

- WP-10A: no water
- WP-11: 10.88 feet
- WP-12: 9.10 feet
- WP-13: 10.05 feet
- WP-14: 9.75 feet
- WP-15: no water

Water was not identified in monitoring wells WP-10A and WP-15. The groundwater measurements were used to calculate the site specific groundwater flow direction. The October 2020 depth to water measurements along with the survey data from June 2020 are provided in **Table 1**. Using the October 2020 depth to water data the groundwater flow direction still appears to be towards the southwest towards the suspect gasoline station. **Figure 1** provides the groundwater flow map.

#### **Groundwater Sampling**

One representative groundwater sample was collected from each well using a peristaltic pump and dedicated Teflon tubing. No evidence of product was identified in the wells. Groundwater samples from WP-11, WP-12, WP-13 and WP-14 were submitted to the laboratory to be analyzed for VOCs via EPA Method 8260 and SVOCs via EPA

Method 8270BN. Water was not identified in monitoring wells WP-10A and WP-15. **Attachment A** provides the analytical data. **Figure 1** provides the location of the monitoring wells.

The soil and groundwater sampling were conducted in accordance with NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation, dated December 2010. Following sample collection, boreholes were backfilled with soil cuttings with an upper bentonite plug and capped with concrete.

### **Investigation Derived Waste**

The groundwater investigation derived waste was placed into a 55-gallon drum. The drum is awaiting disposal on-site.

### **Groundwater Sample Results**

A total of four groundwater samples were collected during the investigation. **Table 2A** provides the VOC groundwater analytical results and **Table 2B** provide the SVOC groundwater analytical results. **Table 2A** and **Table 2B** provide a comparison to the NYSDEC TOGS Standard and Guidance Values (GA) also known as TOGs. The results in **Table 2A** and **Table 2B** are provided in micrograms per Liter (ug/L).

As **Table 2A** indicates gasoline VOCs were detected in WP-11 and WP-12 at concentrations exceeding their respective GQS. As **Table 2A** further indicates the total benzene, toluene, ethylbenzene and xylene (BTEX) and VOC concentrations detected in WP-11 through WP-14 are as follows:

<u>Compounds</u>	<u>WP-11</u>	<u>WP-12</u>	<u>WP-13</u>	<u>WP-14</u>
BTEX	3,500 ug/L	142 ug/L	2	ND
Total VOCs	11,359 ug/L	857.5 ug/L	123.5 ug/L	ND

**Table 2B** indicates one SVOC, Napthalene, was detected in MW-11 (279 ug/L) at a concentration exceeding its GQS of 10 ug/L. Napthalene was additionally detected in MW-12 and MW-13 at concentrations greater than its MDL but less than its GQS.

**Table 3** provides the total VOC concentrations over time. As indicated in **Table 3** the total VOC concentrations in WP-12 and WP-13 have significantly decreased since June 2020. Specifically, levels of BTEX in WP-12 have decreased from 562.60 ug/l in June 2020 to 142 ug/L in October 2020 and levels of total VOCS have decreased from 1,433 ug/L in June 2020 to 857.5 ug/L in October 2020. Levels of BTEX in WP-13 have decreased from 256.80 ug/L in June 2020 to 2 ug/L in October 2020 and levels of total VOCS have decreased from 560.30 in June 2020 ug/L to 123.5 ug/L in October 2020. Levels of total BTEX in WP-14 have decreased from 291.20 ug/L in June 2020 to none detected in October 2020 and levels of total VOCS have decreased from 1,111.60 ug/L in June 2020 to none detected in October 2020.

However, the levels of total BTEX in WP-12 have increased from August 2020 to October 2020 and levels of total VOCs in WP-12 and WP-13 have increased from August 2020 to October 2020. Specifically, levels of BTEX in WP-12 have increased tom 100 ug/L in August 2020 to 142 ug/L in October 2020 and levels of total VOCs have increased from 829.6 ug/L to 857.5 ug/L in October 2020. Levels of total VOCs in WP-13 have increased from 69.6 ug/L in August 2020 to 123.5 ug/L in October 2020. Additionally, the levels of total BTEX in WP-11 have increased from 1,798.20 ug/L in June 2020 to 3,500 ug/L in October 2020 and levels of total VOCs have increased from 3,369.20 ug/L to 11,359 ug/L in October 2020. WP-10A and WP-15 were dry during this quarter.

### **Discussion of Results**

The results of the quarterly sampling event indicate the levels of VOCs in the groundwater have generally significantly decreased with the exception of the results of MW-11. Specifically, levels of BTEX in WP-12 have decreased from 562.60 ug/l in June 2020 to 142 ug/L in October 2020 and levels of total VOCs have decreased from 1,433 ug/L in June 2020 to 857.5 ug/L in October 2020. Levels of BTEX in WP-13 have decreased from 256.80 ug/L in June 2020 to 2 ug/L in October 2020 and levels of total VOCs have decreased from 560.30 in June 2020 ug/L to 123.5 ug/L in October 2020. Levels of total BTEX and levels of total VOCs were not detected in WP-14 in October 2020.

However, the levels of total BTEX in WP-12 have increased from August 2020 to October 2020 and levels of total VOCs in WP-12 and WP-13 have increased from August 2020 to October 2020. Specifically, levels of BTEX in WP-12 have increased from 100 ug/L in August 2020 to 142 ug/L in October 2020 and levels of total VOCs have increased from 829.6 ug/L to 857.5 ug/L in October 2020. Levels of total VOCs in WP-13 have increased from 69.6 ug/L in August 2020 to 123.5 ug/L in October 2020. Additionally, the levels of total BTEX in WP-11 have increased from 1,798.20 ug/L in June 2020 to 3,500 ug/L in October 2020 and levels of total VOCs have increased from 3,369.20 ug/L to 11,359 ug/L in October 2020.

WP-15 was sampled for the first time during August 2020. The total BTEX concentration was identified to be 1,222.3 ug/L and the total VOC concentration was 3,345.5 ug/L in WP-15. WP-10A and WP-15 were dry during the October sampling event and could not be sampled.

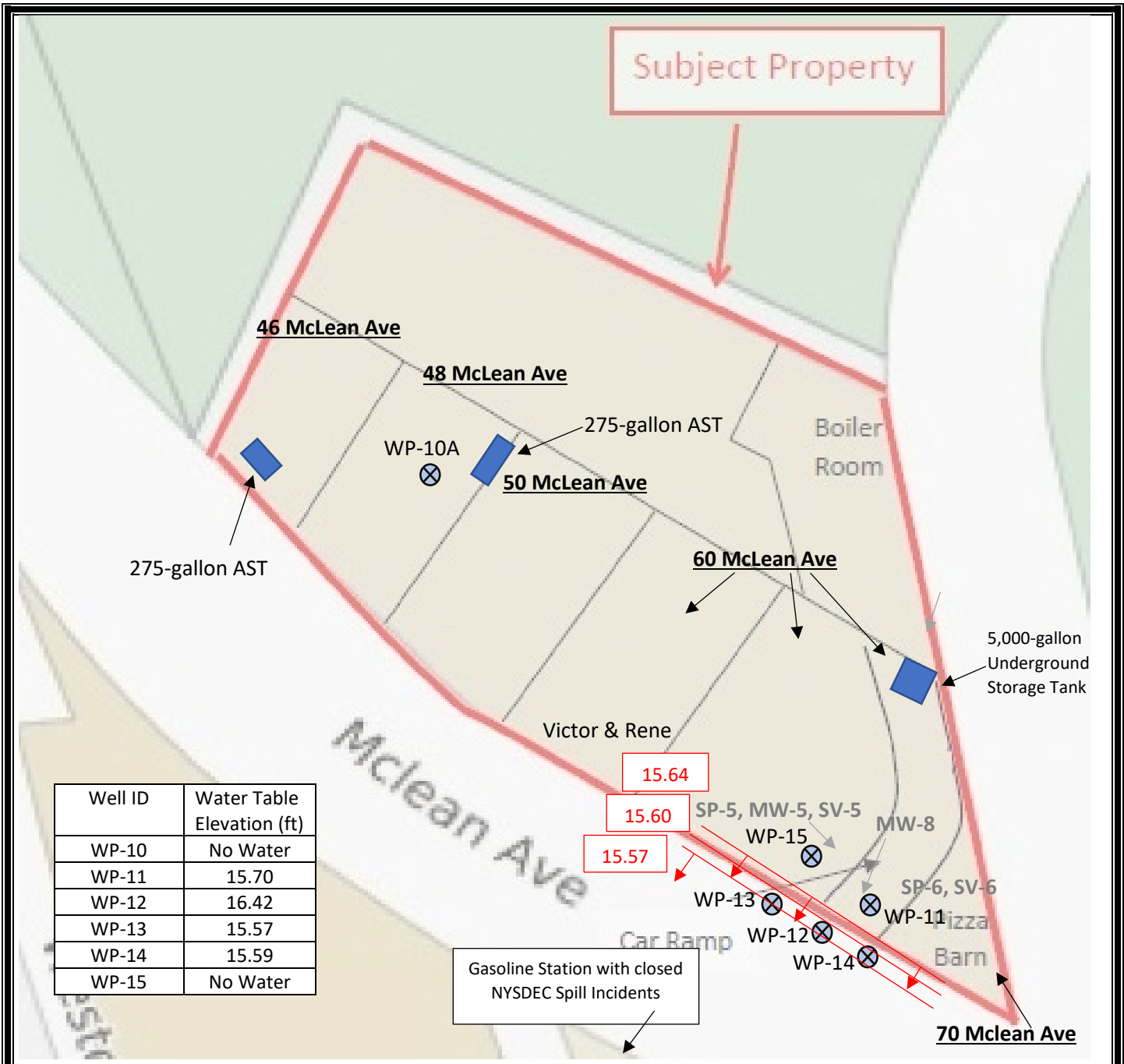
If you have any questions or comments please contact me at 631-672-3530 or [rachelataman@touchstoneenvironmental.com](mailto:rachelataman@touchstoneenvironmental.com).

Very Truly Yours,  
**Structural Engineering Technologies, PC**



Rachel Ataman, P.G.  
Vice President of Environmental Services





Key



Monitoring Wells



Groundwater Elevation Contour

**Figure 1:**  
**Groundwater Flow Diagram October 2020**

**60 McLean Avenue**  
**Yonkers, New York**



(Not to Scale)

**Table 1**  
**Groundwater Monitoring Data - October 2020**  
**60 Mclean Avenue, Yonkers NY**

Well ID	Benchmark	Shot	DTW	Water Table Elevation (ft)
WP-10	30	4.26	Dry	-
WP-11	30	3.42	10.88	15.70
WP-12	30	4.48	9.10	16.42
WP-13	30	4.38	10.05	15.57
WP-14	30	4.66	9.75	15.59
WP-15	30	-	Dry	-

*All values reported in feet.*

*DTW...Depth to Water*

*DTP...Depth to Product*

*ND...None Detected*

**Table 2A**  
**Volatile Organic Compound Results in Groundwater**  
**60 Mclean Avenue, Yonkers, New York**

Sample ID	MW-11		MW-12		MW-13		MW-14		NYSDEC TOGS Standards and Guidance Values - GA
	10/27/2020		10/27/2020		10/27/2020		10/27/2020		
Client Matrix	Water		Water		Water		Water		
Unit	ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	
1,1,1,2-Tetrachloroethane	5	U	2	U	0.200	U	0.200	U	5
1,1,1-Trichloroethane	5	U	2	U	0.200	U	0.200	U	5
1,1,2,2-Tetrachloroethane	5	U	2	U	0.200	U	0.200	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	5	U	2	U	0.200	U	0.200	U	5
1,1,2-Trichloroethane	5	U	2	U	0.200	U	0.200	U	1
1,1-Dichloroethane	5	U	2	U	0.200	U	0.200	U	5
1,1-Dichloroethylene	5	U	2	U	0.200	U	0.200	U	5
1,2,3-Trichlorobenzene	5	U	2	U	0.200	U	0.200	U	5
1,2,3-Trichloropropane	5	U	2	U	0.200	U	0.200	U	0.04
1,2,4-Trichlorobenzene	5	U	2	U	0.200	U	0.200	U	5
1,2,4-Trimethylbenzene	2,000	D	170	D	3,300	J	0.200	U	5
1,2-Dibromo-3-chloropropane	5	U	2	U	0.200	U	0.200	U	0.04
1,2-Dibromoethane	5	U	2	U	0.200	U	0.200	U	0.0006
1,2-Dichlorobenzene	5	U	2	U	0.200	U	0.200	U	3
1,2-Dichloroethane	5	U	2	U	0.200	U	0.200	U	0.6
1,2-Dichloropropane	5	U	2	U	0.200	U	0.200	U	1
1,3,5-Trimethylbenzene	820	D	62	D	1,100	J	0.200	U	5
1,3-Dichlorobenzene	5	U	2	U	0.200	U	0.200	U	3
1,4-Dichlorobenzene	5	U	2	U	0.200	U	0.200	U	3
1,4-Dioxane	1,000	U	400	U	40	U	40	U	~
2-Butanone	5,500	JD	2,200	JD	0.200	U	0.200	U	50
2-Hexanone	5	U	2	U	0.200	U	0.200	U	50
4-Methyl-2-pentanone	5	U	2	U	0.200	U	0.200	U	~
Acetone	29	JD	10	U	1	U	1	U	50
Acrolein	5	U	2	U	0.200	U	0.200	U	~
Acrylonitrile	5	U	2	U	0.200	U	0.200	U	~
Benzene	5	U	2	U	0.200	U	0.200	U	1
Bromochloromethane	5	U	2	U	0.200	U	0.200	U	5
Bromodichloromethane	5	U	2	U	0.200	U	0.200	U	50
Bromoform	5	U	2	U	0.200	U	0.200	U	50
Bromomethane	5	U	2	U	0.200	U	0.200	U	5
Carbon disulfide	5	U	2	U	0.200	U	0.200	U	~
Carbon tetrachloride	5	U	2	U	0.200	U	0.200	U	5
Chlorobenzene	5	U	2	U	0.200	U	0.200	U	5
Chloroethane	5	U	2	U	0.200	U	0.200	U	5
Chloroform	5	U	2	U	0.200	U	0.200	U	7
Chloromethane	5	U	2	U	0.200	U	0.200	U	5
cis-1,2-Dichloroethylene	5	U	2	U	0.200	U	0.200	U	5
cis-1,3-Dichloropropylene	5	U	2	U	0.200	U	0.200	U	0.4
Cyclohexane	180	D	120	D	0.340	J	0.200	U	~
Dibromochloromethane	5	U	2	U	0.200	U	0.200	U	50
Dibromomethane	5	U	2	U	0.200	U	0.200	U	~
Dichlorodifluoromethane	5	U	2	U	0.200	U	0.200	U	5
Ethyl Benzene	630	D	32	D	0.530	J	0.200	U	5
Hexachlorobutadiene	5	U	2	U	0.200	U	0.200	U	0.5
Isopropylbenzene	270	D	25	D	0.460	J	0.200	U	5
Methyl acetate	5	U	2	U	0.200	U	0.200	U	~
Methyl tert-butyl ether (MTBE)	5	U	2	U	0.200	U	0.200	U	10
Methylcyclohexane	880	D	160	D	2	J	0.200	U	~
Methylene chloride	25	U	10	U	1	U	1	U	5
n-Butylbenzene	150	D	7,700	D	0.430	J	0.200	U	5
n-Propylbenzene	380	D	32	D	0.560	J	0.200	U	5
o-Xylene	740	D	20	D	0.550	J	0.200	U	5
p- & m- Xylenes	2,100	D	95	D	0.940	J	0.500	U	5
p-Isopropyltoluene	190	D	14	D	1.100	J	0.200	U	5
sec-Butylbenzene	100	D	7,600	D	0.700	J	0.200	U	5
Styrene	5	U	2	U	0.200	U	0.200	U	5
tert-Butyl alcohol (TBA)	12	U	5	U	0.500	U	0.500	U	~
tert-Butylbenzene	14	D	2	U	0.200	U	0.200	U	5
Tetrachloroethylene	5	U	2	U	0.200	U	0.200	U	5
Toluene	70	D	2	U	0.200	U	0.200	U	5
trans-1,2-Dichloroethylene	5	U	2	U	0.200	U	0.200	U	5
trans-1,3-Dichloropropylene	5	U	2	U	0.200	U	0.200	U	0.4
trans-1,4-dichloro-2-butene	5	U	2	U	0.200	U	0.200	U	~
Trichloroethylene	5	U	2	U	0.200	U	0.200	U	5
Trichlorofluoromethane	5	U	2	U	0.200	U	0.200	U	5
Vinyl Chloride	5	U	2	U	0.200	U	0.200	U	2
Xylenes, Total	2,800	D	110	D	1,500	J	0.600	U	5
BTEX	3,500		142.00		2.030		ND		~
Total VOCs	10,450		857.50		123.510		ND		~

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q** is the Qualifier Column with definitions as follows:

D=result is from an analysis that required a dilution

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

U=analyte not detected at or above the level indicated

**Table 2B**  
**Semi-Volatile Organic Compound Results in Groundwater**  
**60 Mclean Avenue, Yonkers, New York**

Sample ID	MW-11		MW-12		MW-13		MW-14		NYSDEC TOGS Standards and Guidance Values - GA
	10/27/2020		10/27/2020		10/27/2020		10/27/2020		
Client Matrix	Water		Water		Water		Water		
Unit	ug/L		ug/L		ug/L		ug/L		
Compound	Result	Q	Result	Q	Result	Q	Result	Q	
1,2,4-Trichlorobenzene	28.200	U	2.740	U	2.600	U	2.910	U	5
1,2-Dichlorobenzene	28.500	U	2.770	U	2.620	U	2.930	U	3
1,3-Dichlorobenzene	29.800	U	2.900	U	2.750	U	3.070	U	3
1,4-Dichlorobenzene	25.300	U	2.460	U	2.330	U	2.600	U	3
2,4-Dinitrotoluene	18.400	U	1.790	U	1.690	U	1.890	U	5
2,6-Dinitrotoluene	18.400	U	1.790	U	1.690	U	1.890	U	5
2-Chloronaphthalene	25.100	U	2.440	U	2.320	U	2.590	U	10
2-Methylnaphthalene	187	D	6.960		2.910	U	3.250	U	~
2-Nitroaniline	19.200	U	1.870	U	1.770	U	1.980	U	5
3,3-Dichlorobenzidine	14.500	U	1.410	U	1.340	U	1.490	U	5
3-Nitroaniline	19.200	U	1.870	U	1.770	U	1.980	U	~
4-Bromophenyl phenyl ether	15.200	U	1.480	U	1.400	U	1.560	U	~
4-Chloroaniline	34.100	U	3.310	U	3.140	U	3.510	U	5
4-Chlorophenyl phenyl ether	28	U	2.720	U	2.580	U	2.880	U	~
4-Nitroaniline	30.600	U	2.980	U	2.820	U	3.150	U	5
Acenaphthene	28.600	U	0.0556	U	0.0526	U	0.0588	U	20
Acenaphthylene	28.600	U	0.0556	U	0.0526	U	0.0588	U	~
Aniline	17.100	U	1.670	U	1.580	U	1.760	U	5
Anthracene	28.600	U	0.0556	U	0.0526	U	0.0588	U	50
Benzo(a)anthracene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Benzo(a)pyrene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Benzo(b)fluoranthene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Benzo(g,h,i)perylene	28.600	U	0.0556	U	0.0526	U	0.0588	U	~
Benzo(k)fluoranthene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Benzyl butyl phthalate	9.740	U	0.947	U	0.897	U	1	U	50
Bis(2-chloroethoxy)methane	20.200	U	1.970	U	1.860	U	2.080	U	5
Bis(2-chloroethyl)ether	17.100	U	1.670	U	1.580	U	1.760	U	1
Bis(2-chloroisopropyl)ether	34.200	U	3.320	U	3.150	U	3.520	U	5
Bis(2-ethylhexyl)phthalate	28.600	U	1		0.526	U	0.588	U	5
Carbazole	15	U	1.460	U	1.380	U	1.540	U	~
Chrysene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Dibenzo(a,h)anthracene	28.600	U	0.0556	U	0.0526	U	0.0588	U	~
Dibenzofuran	27.500	U	2.680	U	2.540	U	2.840	U	~
Diethyl phthalate	29.300	U	2.840	U	2.690	U	3.010	U	50
Dimethyl phthalate	21.800	U	2.120	U	2.010	U	2.250	U	50
Di-n-butyl phthalate	23.400	U	2.280	U	2.160	U	2.410	U	50
Di-n-octyl phthalate	12.800	U	1.240	U	1.180	U	1.320	U	50
Fluoranthene	28.600	U	0.0556	U	0.0526	U	0.0588	U	50
Fluorene	28.600	U	0.0556	U	0.0526	U	0.0588	U	50
Hexachlorobenzene	28.600	U	0.0222	U	0.0211	U	0.0235	U	0.04
Hexachlorobutadiene	28.600	U	0.556	U	0.526	U	0.588	U	0.5
Hexachlorocyclopentadiene	28.900	U	2.810	U	2.660	U	2.980	U	5
Hexachloroethane	28.600	U	0.556	U	0.526	U	0.588	U	5
Indeno(1,2,3-cd)pyrene	28.600	U	0.0556	U	0.0526	U	0.0588	U	0.002
Isophorone	30.600	U	2.980	U	2.820	U	3.150	U	50
Naphthalene	279	D	9.130		1.240		0.0588	U	10
Nitrobenzene	28.600	U	0.278	U	0.263	U	0.294	U	0.4
N-Nitrosodimethylamine	28.600	U	0.556	U	0.526	U	0.588	U	~
N-nitroso-di-n-propylamine	29.300	U	2.840	U	2.690	U	3.010	U	~
N-Nitrosodiphenylamine	57.100	U	5.560	U	5.260	U	5.880	U	50
Phenanthrene	28.600	U	0.0556	U	0.0526	U	0.0588	U	50
Pyrene	28.600	U	0.0556	U	0.0526	U	0.0588	U	50
Pyridine	44.700	U	4.340	U	4.120	U	4.600	U	50

**NOTES:**

Any Regulatory Exceedences are color coded by Regulation

**Q is the Qualifier Column with definitions as follows:**

D=result is from an analysis that required a dilution

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

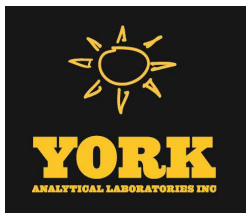
U=analyte not detected at or above the level indicated

**Table 3**  
**Volatile Organic Compound Results in Groundwater**  
**60 Mclean Avenue, Yonkers, New York**

Sample ID	WP-10A			WP-11			WP-12			WP-13			WP-14			WP-15			NYSDEC TOGS Standards and Guidance Values - GA
	Water			Water			Water			Water			Water						
Client Matrix	Water			Water			Water			Water			Water						
Unit	ug/L			ug/L			ug/L			ug/L			ug/L						
Compound	Result			Result			Result			Result			Result						
Sampling Date	6/23/2020	8/18/2020	10/27/2020	6/23/2020	8/18/2020	10/27/2020	6/23/2020	8/18/2020	10/27/2020	6/23/2020	8/18/2020	10/27/2020	6/23/2020	8/18/2020	10/27/2020	6/23/2020	8/18/2020	10/27/2020	
BTEX	8.95	NT	NT	1,798.20	NT	3,500	562.6	100	142	256.8	11	2	291.2	ND	ND	NT	1,222.30	NT	~
Total VOCs	205.02	NT	NT	3,369.20	NT	10,450	1,433	829.6	857.5	560.3	69.6	123.5	1,111.60	11.54	ND	NT	3,445.50	NT	~



Attachment A  
Laboratory Analytical Data



# Technical Report

prepared for:

**Touchstone Environmental Geology, PC**  
8 Dolphin Drive  
Centereach NY, 11720  
**Attention: Rachel Ataman**

Report Date: 11/04/2020  
**Client Project ID: 200131 60 Mclean Avenue, Yonkers, New York**  
York Project (SDG) No.: 20J1306

CT Cert. No. PH-0723

New Jersey Cert. No. CT005 and NY037



New York Cert. Nos. 10854 and 12058

PA Cert. No. 68-04440

120 RESEARCH DRIVE  
www.YORKLAB.com

STRATFORD, CT 06615  
(203) 325-1371

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

RICHMOND HILL, NY 11418  
ClientServices@yorklab.com

Report Date: 11/04/2020  
Client Project ID: 200131 60 Mclean Avenue, Yonkers, New York  
York Project (SDG) No.: 20J1306

**Touchstone Environmental Geology, PC**  
8 Dolphin Drive  
Centereach NY, 11720  
Attention: Rachel Ataman

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## 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 28, 2020 with a temperature of 1.1 C. The project was identified as your project: **200131 60 Mclean Avenue, Yonkers, New York.**

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>
20J1306-01	MW-11	Water	10/27/2020	10/28/2020
20J1306-02	MW-12	Water	10/27/2020	10/28/2020
20J1306-03	MW-13	Water	10/27/2020	10/28/2020
20J1306-04	MW-14	Water	10/27/2020	10/28/2020

## **General Notes for York Project (SDG) No.: 20J1306**

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

**Approved By:**



**Benjamin Gulizia**  
Laboratory Director

**Date:** 11/04/2020





### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
20J1306	200131 60 Mclean Avenue, Yonkers, New York	Water	October 27, 2020 12:00 am	10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>2000</b>		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>820</b>		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
123-91-1	1,4-Dioxane	ND		ug/L	1000	1000	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
78-93-3	<b>2-Butanone</b>	<b>5.5</b>	J	ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO



### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
67-64-1	<b>Acetone</b>	<b>29</b>	J	ug/L	25	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
107-02-8	Acrolein	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
107-13-1	Acrylonitrile	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
71-43-2	Benzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
74-97-5	Bromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
75-27-4	Bromodichloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-25-2	Bromoform	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
74-83-9	Bromomethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-15-0	Carbon disulfide	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
108-90-7	Chlorobenzene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-00-3	Chloroethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
67-66-3	Chloroform	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
74-87-3	Chloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
110-82-7	<b>Cyclohexane</b>	<b>180</b>		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
124-48-1	Dibromochloromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
74-95-3	Dibromomethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO



### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

York Project (SDG) No.

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20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	630		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
98-82-8	Isopropylbenzene	270		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
79-20-9	Methyl acetate	ND		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
108-87-2	Methylcyclohexane	880		ug/L	5.0	12	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
75-09-2	Methylene chloride	ND		ug/L	25	50	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
104-51-8	n-Butylbenzene	150		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
103-65-1	n-Propylbenzene	380		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
95-47-6	o-Xylene	740		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/04/2020 09:30	11/04/2020 17:27	CLO
179601-23-1	p- & m- Xylenes	2100		ug/L	12	25	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/04/2020 09:30	11/04/2020 17:27	CLO
99-87-6	p-Isopropyltoluene	190		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
135-98-8	sec-Butylbenzene	100		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
100-42-5	Styrene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	12	25	25	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/04/2020 09:30	11/04/2020 17:27	CLO
98-06-6	tert-Butylbenzene	14		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
108-88-3	Toluene	70		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
79-01-6	Trichloroethylene	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO



### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-69-4	Trichlorofluoromethane	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
75-01-4	Vinyl Chloride	ND		ug/L	5.0	12	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
1330-20-7	<b>Xylenes, Total</b>	<b>2800</b>		ug/L	15	38	25	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/04/2020 09:30	11/04/2020 17:27	CLO
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	92.1 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	95.6 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	124 %	S-04, S-08			79-122					

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D, EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	28.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	28.5	57.1	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	29.8	57.1	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	25.3	57.1	10	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	18.4	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	18.4	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	25.1	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>187</b>		ug/L	31.5	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
88-74-4	2-Nitroaniline	ND		ug/L	19.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	14.5	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
99-09-2	3-Nitroaniline	ND		ug/L	19.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	15.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
106-47-8	4-Chloroaniline	ND		ug/L	34.1	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH





### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D, EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	28.0	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
100-01-6	4-Nitroaniline	ND		ug/L	30.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
83-32-9	Acenaphthene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
208-96-8	Acenaphthylene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
62-53-3	Aniline	ND		ug/L	17.1	57.1	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
120-12-7	Anthracene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	9.74	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	20.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	17.1	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	34.2	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
86-74-8	Carbazole	ND		ug/L	15.0	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
218-01-9	Chrysene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
132-64-9	Dibenzofuran	ND		ug/L	27.5	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
84-66-2	Diethyl phthalate	ND		ug/L	29.3	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH



### Sample Information

**Client Sample ID:** MW-11

**York Sample ID:** 20J1306-01

<u>York Project (SDG) No.</u> 20J1306	<u>Client Project ID</u> 200131 60 Mclean Avenue, Yonkers, New York	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/28/2020
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**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D, EXT-EM**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
131-11-3	Dimethyl phthalate	ND		ug/L	21.8	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	23.4	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	12.8	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
206-44-0	Fluoranthene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
86-73-7	Fluorene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
118-74-1	Hexachlorobenzene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	28.9	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
67-72-1	Hexachloroethane	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
78-59-1	Isophorone	ND		ug/L	30.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
91-20-3	<b>Naphthalene</b>	<b>279</b>		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
98-95-3	Nitrobenzene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
62-75-9	N-Nitrosodimethylamine	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	29.3	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	57.1	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
85-01-8	Phenanthrene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
129-00-0	Pyrene	ND		ug/L	28.6	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
110-86-1	Pyridine	ND		ug/L	44.7	57.1	10	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	11/02/2020 12:47	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	314 %	S-01	50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	36.4 %	S-01	39.9-105							
1718-51-0	Surrogate: SURR: Terphenyl-d14	34.0 %		30.7-106							



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
95-63-6	<b>1,2,4-Trimethylbenzene</b>	<b>170</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>62</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
123-91-1	1,4-Dioxane	ND		ug/L	400	400	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
78-93-3	<b>2-Butanone</b>	<b>2.2</b>	J	ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	2-Hexanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
67-64-1	Acetone	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
107-02-8	Acrolein	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
107-13-1	Acrylonitrile	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
71-43-2	Benzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
74-97-5	Bromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
75-27-4	Bromodichloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-25-2	Bromoform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
74-83-9	Bromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-15-0	Carbon disulfide	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
108-90-7	Chlorobenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-00-3	Chloroethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
67-66-3	Chloroform	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
74-87-3	Chloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
110-82-7	<b>Cyclohexane</b>	<b>120</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
124-48-1	Dibromochloromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
74-95-3	Dibromomethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-71-8	Dichlorodifluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
100-41-4	<b>Ethyl Benzene</b>	<b>32</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
98-82-8	<b>Isopropylbenzene</b>	<b>25</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
79-20-9	Methyl acetate	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
108-87-2	<b>Methylcyclohexane</b>	<b>160</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
75-09-2	Methylene chloride	ND		ug/L	10	20	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
104-51-8	<b>n-Butylbenzene</b>	<b>7.7</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
103-65-1	<b>n-Propylbenzene</b>	<b>32</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
95-47-6	<b>o-Xylene</b>	<b>20</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 15:44	CLO
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>95</b>		ug/L	5.0	10	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 15:44	CLO
99-87-6	<b>p-Isopropyltoluene</b>	<b>14</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
135-98-8	<b>sec-Butylbenzene</b>	<b>7.6</b>		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
100-42-5	Styrene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	5.0	25	10	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 15:44	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
108-88-3	Toluene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
79-01-6	Trichloroethylene	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
75-01-4	Vinyl Chloride	ND		ug/L	2.0	5.0	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
1330-20-7	<b>Xylenes, Total</b>	<b>110</b>		ug/L	6.0	15	10	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 15:44	CLO
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	92.0 %			69-130						
2037-26-5	Surrogate: SURR: Toluene-d8	98.8 %			81-117						
460-00-4	Surrogate: SURR: p-Bromofluorobenzene	105 %			79-122						

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.74	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.77	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.90	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.46	5.56	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.79	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.79	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.44	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
91-57-6	<b>2-Methylnaphthalene</b>	<b>6.96</b>		ug/L	3.07	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.87	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.41	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.87	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.48	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D, EXT-EM**

Sample Prepared by Method: EPA 3510C

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/L	3.31	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.72	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.98	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
83-32-9	Acenaphthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
62-53-3	Aniline	ND		ug/L	1.67	5.56	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
120-12-7	Anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.947	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.97	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.67	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.32	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
117-81-7	<b>Bis(2-ethylhexyl)phthalate</b>	<b>1.00</b>		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
86-74-8	Carbazole	ND		ug/L	1.46	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
218-01-9	Chrysene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
132-64-9	Dibenzofuran	ND		ug/L	2.68	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH



### Sample Information

**Client Sample ID:** MW-12

**York Sample ID:** 20J1306-02

**York Project (SDG) No.**

**Client Project ID**

**Matrix**

**Collection Date/Time**

**Date Received**

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes:** EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
84-66-2	Diethyl phthalate	ND		ug/L	2.84	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.12	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.28	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.24	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
206-44-0	Fluoranthene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
86-73-7	Fluorene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	0.0222	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.81	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
67-72-1	Hexachloroethane	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
78-59-1	Isophorone	ND		ug/L	2.98	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
91-20-3	<b>Naphthalene</b>	<b>9.13</b>		ug/L	2.78	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
98-95-3	Nitrobenzene	ND		ug/L	0.278	0.278	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	0.556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.84	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.56	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
85-01-8	Phenanthrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
129-00-0	Pyrene	ND		ug/L	0.0556	0.0556	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 09:13	CD
110-86-1	Pyridine	ND		ug/L	4.34	5.56	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:27	KH
<b>Surrogate Recoveries</b>		<b>Result</b>	<b>Acceptance Range</b>								
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	50.6 %	50.2-113								
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	57.8 %	39.9-105								





### Sample Information

Client Sample ID: MW-12

York Sample ID: 20J1306-02

York Project (SDG) No. 20J1306	Client Project ID 200131 60 Mclean Avenue, Yonkers, New York	Matrix Water	Collection Date/Time October 27, 2020 12:00 am	Date Received 10/28/2020
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#### Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D, EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1718-51-0	Surrogate: SURR: Terphenyl-d14	72.1 %			30.7-106						

### Sample Information

Client Sample ID: MW-13

York Sample ID: 20J1306-03

York Project (SDG) No. 20J1306	Client Project ID 200131 60 Mclean Avenue, Yonkers, New York	Matrix Water	Collection Date/Time October 27, 2020 12:00 am	Date Received 10/28/2020
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#### Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-34-3	1,1-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
95-63-6	1,2,4-Trimethylbenzene	3.3		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO



### Sample Information

**Client Sample ID:** MW-13

**York Sample ID:** 20J1306-03

York Project (SDG) No.

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Matrix

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20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
108-67-8	<b>1,3,5-Trimethylbenzene</b>	<b>1.1</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO



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200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
110-82-7	<b>Cyclohexane</b>	<b>0.34</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
100-41-4	<b>Ethyl Benzene</b>	<b>0.53</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
98-82-8	<b>Isopropylbenzene</b>	<b>0.46</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
108-87-2	<b>Methylcyclohexane</b>	<b>2.0</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
104-51-8	<b>n-Butylbenzene</b>	<b>0.43</b>	J	ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
103-65-1	<b>n-Propylbenzene</b>	<b>0.56</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
95-47-6	<b>o-Xylene</b>	<b>0.55</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 16:14	CLO
179601-23-1	<b>p- &amp; m- Xylenes</b>	<b>0.94</b>	J	ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 16:14	CLO
99-87-6	<b>p-Isopropyltoluene</b>	<b>1.1</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
135-98-8	<b>sec-Butylbenzene</b>	<b>0.70</b>		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO



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200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:14	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
1330-20-7	<b>Xylenes, Total</b>	<b>1.5</b>	J	ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:14	CLO
<b>Surrogate Recoveries</b>		<b>Result</b>			<b>Acceptance Range</b>						
17060-07-0	Surrogate: SURRE: 1,2-Dichloroethane-d4	74.8 %			69-130						
2037-26-5	Surrogate: SURRE: Toluene-d8	101 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.60	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.62	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.75	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.33	5.26	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH



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Water

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10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.32	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	2.91	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.34	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.77	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.40	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.14	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
100-01-6	4-Nitroaniline	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
83-32-9	Acenaphthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
208-96-8	Acenaphthylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
62-53-3	Aniline	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
120-12-7	Anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
85-68-7	Benzyl butyl phthalate	ND		ug/L	0.897	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	1.86	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH



### Sample Information

**Client Sample ID:** MW-13

**York Sample ID:** 20J1306-03

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.58	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.15	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
86-74-8	Carbazole	ND		ug/L	1.38	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
218-01-9	Chrysene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
132-64-9	Dibenzofuran	ND		ug/L	2.54	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
84-66-2	Diethyl phthalate	ND		ug/L	2.69	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.01	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.16	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.18	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
206-44-0	Fluoranthene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
86-73-7	Fluorene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
118-74-1	Hexachlorobenzene	ND		ug/L	0.0211	0.0211	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
87-68-3	Hexachlorobutadiene	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.66	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
67-72-1	Hexachloroethane	ND		ug/L	0.526	0.526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
78-59-1	Isophorone	ND		ug/L	2.82	5.26	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
91-20-3	<b>Naphthalene</b>	<b>1.24</b>		ug/L	0.0526	0.0526	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH
98-95-3	Nitrobenzene	ND		ug/L	0.263	0.263	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 18:58	KH



Sample Information

Client Sample ID: MW-13

York Sample ID: 20J1306-03

York Project (SDG) No. 20J1306 Client Project ID 200131 60 Mclean Avenue, Yonkers, New York Matrix Water Collection Date/Time October 27, 2020 12:00 am Date Received 10/28/2020

Semi-Volatiles, 8270 Base/Neutrals

Log-in Notes:

Sample Notes: EXT-D

Sample Prepared by Method: EPA 3510C

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 compounds like N-Nitrosodimethylamine and Surrogate Recoveries.

Sample Information

Client Sample ID: MW-14

York Sample ID: 20J1306-04

York Project (SDG) No. 20J1306 Client Project ID 200131 60 Mclean Avenue, Yonkers, New York Matrix Water Collection Date/Time October 27, 2020 12:00 am Date Received 10/28/2020

Volatile Organics, 8260 - Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

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 compounds like 1,1,1,2-Tetrachloroethane.



### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

<u>York Project (SDG) No.</u> 20J1306	<u>Client Project ID</u> 200131 60 Mclean Avenue, Yonkers, New York	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/28/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
106-93-4	1,2-Dibromoethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
107-06-2	1,2-Dichloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
78-87-5	1,2-Dichloropropane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
123-91-1	1,4-Dioxane	ND		ug/L	40	40	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
78-93-3	2-Butanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
591-78-6	2-Hexanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
67-64-1	Acetone	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
107-02-8	Acrolein	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
107-13-1	Acrylonitrile	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
71-43-2	Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO





### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

<u>York Project (SDG) No.</u> 20J1306	<u>Client Project ID</u> 200131 60 Mclean Avenue, Yonkers, New York	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/28/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-97-5	Bromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
75-27-4	Bromodichloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-25-2	Bromoform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
74-83-9	Bromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-15-0	Carbon disulfide	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
56-23-5	Carbon tetrachloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
108-90-7	Chlorobenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-00-3	Chloroethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
67-66-3	Chloroform	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
74-87-3	Chloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
110-82-7	Cyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
124-48-1	Dibromochloromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
74-95-3	Dibromomethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
100-41-4	Ethyl Benzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
87-68-3	Hexachlorobutadiene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
98-82-8	Isopropylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
79-20-9	Methyl acetate	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO



### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

<u>York Project (SDG) No.</u> 20J1306	<u>Client Project ID</u> 200131 60 Mclean Avenue, Yonkers, New York	<u>Matrix</u> Water	<u>Collection Date/Time</u> October 27, 2020 12:00 am	<u>Date Received</u> 10/28/2020
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**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-87-2	Methylcyclohexane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
75-09-2	Methylene chloride	ND		ug/L	1.0	2.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
104-51-8	n-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
103-65-1	n-Propylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
95-47-6	o-Xylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 16:43	CLO
179601-23-1	p- & m- Xylenes	ND		ug/L	0.50	1.0	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,PA	11/02/2020 14:31	11/02/2020 16:43	CLO
99-87-6	p-Isopropyltoluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
135-98-8	sec-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
100-42-5	Styrene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.50	2.5	1	EPA 8260C Certifications: NELAC-NY10854,NELAC-NY12058,NJDEP,PAI	11/02/2020 14:31	11/02/2020 16:43	CLO
98-06-6	tert-Butylbenzene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
127-18-4	Tetrachloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
108-88-3	Toluene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
110-57-6	trans-1,4-dichloro-2-butene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
79-01-6	Trichloroethylene	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-69-4	Trichlorofluoromethane	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
75-01-4	Vinyl Chloride	ND		ug/L	0.20	0.50	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO
1330-20-7	Xylenes, Total	ND		ug/L	0.60	1.5	1	EPA 8260C Certifications: CTDOH,NELAC-NY10854,NELAC-NY12058,NJ	11/02/2020 14:31	11/02/2020 16:43	CLO

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	Surrogate: SURR: 1,2-Dichloroethane-d4	95.4 %	69-130



### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Volatile Organics, 8260 - Comprehensive**

**Log-in Notes:**

**Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2037-26-5	Surrogate: SURRE: Toluene-d8	99.2 %			81-117						
460-00-4	Surrogate: SURRE: p-Bromofluorobenzene	106 %			79-122						

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.91	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.93	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
541-73-1	1,3-Dichlorobenzene	ND		ug/L	3.07	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.60	5.88	1	EPA 8270D Certifications: NELAC-NY10854,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
121-14-2	2,4-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
606-20-2	2,6-Dinitrotoluene	ND		ug/L	1.89	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
91-58-7	2-Chloronaphthalene	ND		ug/L	2.59	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
91-57-6	2-Methylnaphthalene	ND		ug/L	3.25	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
88-74-4	2-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	1.49	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
99-09-2	3-Nitroaniline	ND		ug/L	1.98	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	1.56	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
106-47-8	4-Chloroaniline	ND		ug/L	3.51	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.88	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
100-01-6	4-Nitroaniline	ND		ug/L	3.15	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
83-32-9	Acenaphthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
208-96-8	Acenaphthylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD



### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

York Project (SDG) No.

Client Project ID

Matrix

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20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
62-53-3	Aniline	ND		ug/L	1.76	5.88	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
120-12-7	Anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
85-68-7	Benzyl butyl phthalate	ND		ug/L	1.00	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.08	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.76	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	3.52	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
86-74-8	Carbazole	ND		ug/L	1.54	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
218-01-9	Chrysene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
132-64-9	Dibenzofuran	ND		ug/L	2.84	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
84-66-2	Diethyl phthalate	ND		ug/L	3.01	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
131-11-3	Dimethyl phthalate	ND		ug/L	2.25	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.41	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
117-84-0	Di-n-octyl phthalate	ND		ug/L	1.32	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
206-44-0	Fluoranthene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD



### Sample Information

**Client Sample ID:** MW-14

**York Sample ID:** 20J1306-04

York Project (SDG) No.

Client Project ID

Matrix

Collection Date/Time

Date Received

20J1306

200131 60 Mclean Avenue, Yonkers, New York

Water

October 27, 2020 12:00 am

10/28/2020

**Semi-Volatiles, 8270 Base/Neutrals**

**Log-in Notes:**

**Sample Notes: EXT-D**

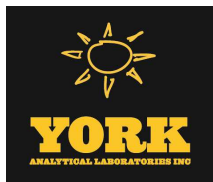
Sample Prepared by Method: EPA 3510C

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	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
118-74-1	Hexachlorobenzene	ND		ug/L	0.0235	0.0235	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
87-68-3	Hexachlorobutadiene	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	2.98	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
67-72-1	Hexachloroethane	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
78-59-1	Isophorone	ND		ug/L	3.15	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
91-20-3	Naphthalene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
98-95-3	Nitrobenzene	ND		ug/L	0.294	0.294	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.588	0.588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	3.01	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	5.88	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
85-01-8	Phenanthrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
129-00-0	Pyrene	ND		ug/L	0.0588	0.0588	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 12:15	CD
110-86-1	Pyridine	ND		ug/L	4.60	5.88	1	EPA 8270D Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP	10/29/2020 07:29	10/30/2020 19:29	KH
<b>Surrogate Recoveries</b>		<b>Result</b>		<b>Acceptance Range</b>							
4165-60-0	Surrogate: SURR: Nitrobenzene-d5	41.2 %	S-08	50.2-113							
321-60-8	Surrogate: SURR: 2-Fluorobiphenyl	49.4 %		39.9-105							
1718-51-0	Surrogate: SURR: Terphenyl-d14	58.8 %		30.7-106							



### Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
20J1306-01	MW-11	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20J1306-02	MW-12	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20J1306-03	MW-13	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
20J1306-04	MW-14	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

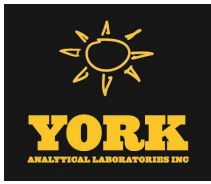


## Sample and Data Qualifiers Relating to This Work Order

S-08	The recovery of this surrogate was outside of QC limits.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-01	The surrogate recovery for this sample may not be available due to sample dilution required from high analyte concentration and/or matrix interferences.
QR-04	The RPD exceeded control limits for the LCS/LCSD QC.
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.
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
EXT-D	The sample submitted contained sediment. The aqueous portion was decanted off, the volume measured and used for the extraction. The sediment was not included in the extraction.
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).

### 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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