

**Nashville Metro Water Service PWSID TN0000494**  
**2022 Entry Point to Distribution Monitoring Annual Averages**

**Inorganic Parameters**

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Antimony - total	<0.0004	not detected	0.006
Arsenic	0.0001	0.0001 - 0.0001	0.01
Asbestos * *	<0.09	not detected	7 million fibers / L
Barium	0.019	0.0185 - 0.0194	2
Beryllium - total	<0.0004	not detected	0.004
Cadmium	<0.0001	not detected	0.005
Chromium	0.0016	0.0015 - 0.0016	0.1
Cyanide	<0.005	not detected	0.2
Fluoride	0.713	0.610 - 0.860	4
Lead	<0.0001	not detected	0.015 (action level)
Mercury	<0.0001	not detected	0.002
Nickel	0.0010	0.0010 - 0.0010	0.1
Nitrate	0.448	0.436 - 0.464	10
Nitrite	<0.005	not detected	1
Selenium	<0.0010	not detected	0.05
Thallium - total	<0.0010	not detected	0.002

\*\* Analyzed 2/10/2020

**Secondary Standards**

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Chloride	13.7	11.6 - 16.0	250
Color	<2.0	not detected	15 (Color Units)
Copper	<0.001	not detected	1.3 (action level)
MBAS	<0.025	not detected	0.5
Iron	<0.025	not detected	0.3
Manganese	0.0012	0.0019 - 0.0005	0.05
Sulfate	33.2	25.4 - 40.1	250
Total Dissolved Solids	139	118 - 170	500
Zinc	<0.0010	not detected	5
Odor (Threshold odor #)	<1.0	not detected	3 (TON)
pH	7.12	6.99 - 7.41	6.5 to 8.5 (Std Units)†
Silver	<0.010	not detected	0.1
Aluminum	0.0164	0.0160 - 0.0168	0.2

† pH result must fall within 6.5 to 8.5 Std Units

**Trihalomethanes**

Results in µg/L Sampled Quarterly

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Trichloromethane (Chloroform)	11.0	8.6 - 15.4	N/A
Bromodichloromethane	2.8	1.6 - 3.8	N/A
Dibromochloromethane	<1.0	not detected	N/A
Tribromomethane (Bromoform)	<1.0	not detected	N/A
Total Trihalomethanes (THM's)	13.8	10.3 - 18.1	80

**Haloacetic Acids**

Results in µg/L Sampled Quarterly

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Monochloroacetic Acid	<2.0	not detected	N/A
Dichloroacetic Acid	5.2	3.9 - 7.8	N/A
Trichloroacetic Acid	4.1	3.0 - 6.6	N/A
Monobromoacetic Acid	<1.0	not detected	N/A
Dibromoacetic Acid	<1.0	not detected	N/A
Total Haloacetic Acids (HAA's)	9.4	7.1 - 14.5	60

**Organic Parameters**

4/29/2021 Results in mg/L

**Regulated Pesticides**

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Atrazine	<0.0001	not detected	0.003

**Organic Parameters**

4/29/2021 Results in mg/L

**Regulated Herbicides**

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Simazine	<0.00006	not detected	0.004
Alachlor (Lasso)	<0.00020	not detected	0.002

6/1/2022 Results in mg/L

2,4-D	<0.00010	not detected	0.070
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4/18/2018 Results in mg/L

Picloram	<0.00010	not detected	0.500
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**Radiochemical Parameters**

2/9/2016 Results

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Gross Alpha	<3.0 pci/L	not detected	15 pci / L
Radium - 226 / 228	<0.46 / <1.01 pci/L	not detected	3 / 5 pci / L

**Miscellaneous**

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Sodium	10.8	10.3 - 11.1	not established
Hardness (Calcium)	75.3	59.4 - 101.2	not established
Alkalinity	68.1	48.4 - 91.8	not established
Temperature	18.5	8.4 - 28.0	not established
Langlier Index	(-)1.0	(-)0.5 - (-)1.4	not established
Aggressive Index	10.8	10.5 - 11.3	not established

Results in mg/L unless noted

**Volatile Organic Chemicals**

2/23/2022

**Regulated**

<u>Parameter</u>		<u>Range of Detection</u>	<u>MCL</u>
Benzene	<0.0005	not detected	0.005
Carbon Tetrachloride	<0.0005	not detected	0.005
p - Dichlorobenzene	<0.0005	not detected	0.075
1,2 - Dichloroethane	<0.0005	not detected	0.005
1,1 - Dichloroethylene	<0.0005	not detected	0.007
1,1,1 - Trichloroethane	<0.0005	not detected	0.20
Trichloroethylene	<0.0005	not detected	0.005
Vinyl Chloride	<0.0005	not detected	0.002
cis -1,2 - Dichloroethylene	<0.0005	not detected	0.07
Dichloromethane	<0.0005	not detected	0.005
1,2 - Dichloropropane	<0.0005	not detected	0.005
Ethylbenzene	<0.0005	not detected	0.7
Monochlorobenzene	<0.0005	not detected	0.1
o - Dichlorobenzene	<0.0005	not detected	0.6
Styrene	<0.0005	not detected	0.1
Tetrachloroethylene	<0.0005	not detected	0.005
Toluene	<0.0005	not detected	1
trans - 1,2 - Dichloroethylene	<0.0005	not detected	0.1
Xylenes ( total )	<0.0005	not detected	10
1,2,4 - Trichlorobenzene	<0.0005	not detected	0.07
1,1,2 - Trichloroethane	<0.0005	not detected	0.005

Results in mg/L unless noted

**Volatile Organic Chemicals**

2/23/2022

**Unregulated**

<u>Parameter</u>		<u>Range of Detection</u>	<u>MCL</u>
Bromobenzene	<0.0005	not detected	none
Bromodichloromethane	0.0015	0.0013 - 0.0017	none
Tribromomethane (Bromoform)	<0.0005	not detected	none
Bromomethane	<0.0005	not detected	none
Chlorodibromomethane	<0.0005	not detected	none
Chloroethane	<0.0005	not detected	none
Trichloromethane (Chloroform)	0.004	0.0035 - 0.0044	none
Chloromethane	<0.0005	not detected	none
o - Chlorotoluene	<0.0005	not detected	none
p - Chlorotoluene	<0.0005	not detected	none
Dibromomethane	<0.0005	not detected	none
m - Dichlorobenzene	<0.0005	not detected	none
1,1 - Dichloroethane	<0.0005	not detected	none
1,3 - Dichloropropane	<0.0005	not detected	none
2,2 - Dichloropropane	<0.0005	not detected	none
1,1 - Dichloropropene	<0.0005	not detected	none
1,3 - Dichloropropene	<0.0005	not detected	none
1,1,1,2 - Tetrachloroethane	<0.0005	not detected	none
1,1,2,2 - Tetrachloroethane	<0.0005	not detected	none
1,2,3 - Trichloropropane	<0.0005	not detected	none