

Nashville Metro Water Service PWSID TN0000494
2025 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 * *	<0.192	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	0.67	0.56 - 0.75	4
Lead	0.0001	not detected - 0.00014	0.015 (action level)
Mercury*	<0.0001	not detected	0.002
Nickel*	0.0010	0.0010 - 0.0010	0.1
Nitrate	0.362	0.336 - 0.392	10
Nitrite	<0.004	not detected	1
Selenium*	<0.0010	not detected	0.05
Thallium - total*	<0.0010	not detected	0.002

* Analyzed 2/15/2022 Required Once Every 9 Years

** Analyzed 12/16/2025 Sample collected from Distribution System and Required Once Every 9 Years, results reported in million fibers/ liter

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	13.5	7.5 - 16.4	250
Color	<2.0	not detected	15 (Color Units)
Copper	0.0019	not detected - 0.0041	1.3 (action level)
MBAS (Surfactants)	<0.02	not detected	0.5
Iron	<0.025	not detected	0.3
Manganese*	0.0012	0.0019 - 0.0005	0.05
Sulfate	35.9	27.1 - 43.9	250
Total Dissolved Solids	146	128 - 189	500
Zinc*	<0.0010	not detected	5
Odor (Threshold odor #)	<1.0	not detected	3 (TON)
pH	7.19	7.05 - 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

* Analyzed 2/15/2022 Required Once Every 9 Years

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)	9.1	5.7 - 14.6	N/A
Bromodichloromethane	2.6	1.7 - 4.0	N/A
Dibromochloromethane	0.4	<0.5- 0.8	N/A
Tribromomethane (Bromoform)	<1.0	not detected	N/A
Total Trihalomethanes (THM's)	12.1	7.4 - 19.3	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	<1.0	not detected	N/A
Dichloroacetic Acid	4.0	1.0 - 5.8	N/A
Trichloroacetic Acid	3.3	1.0 - 6.3	N/A
Monobromoacetic Acid	<1.0	not detected	N/A
Dibromoacetic Acid	<1.0	not detected	N/A
Total Haloacetic Acids (HAA's)	7.4	3.0 - 12.0	60

Synthetic Organic Chemicals

Results in µg/L

Regulated Pesticides

<u>Parameter</u>	<u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Lindane	<0.020	not detected	0.2
Methoxychlor	<0.10	not detected	40
Dalapon *	<1.0	not detected	200
Diquat	<0.40	not detected	20
Endothall	<5.0	not detected	100
Glyphosate	<6.0	not detected	700
Di(2-ethylhexyl)adipate	<0.60	not detected	400
Oxamyl (Vydate)	<1.0	not detected	200
Simazine	<0.070	not detected	4.0
Di(2-ethylhexyl)phthalate	<0.60	not detected	6.0
Picloram *	<0.10	not detected	500
Carbofuran	<0.90	not detected	40
Atrazine	<0.10	not detected	3.0
Alachlor (Lasso)	<0.10	not detected	2.0
2,4-D *	<0.10	not detected	70
Benzo(a)pyrene	<0.020	not detected	0.2
Pentachlorophenol	<0.040	not detected	1.0
Chlordane	<0.10	not detected	2.0
Polychlorinated biphenyls (PCBs)	<0.10	not detected	0.50

4/30/2024 Sample Date, Sampled Every 3 Years

* 05/05/2025 Sample Date for Annual Sampling

Radiochemical Parameters

<u>Parameter</u>	<u>3/18/2025 Results</u> <u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Gross Alpha	<1.11 pCi/L	not detected	15 pci / L
Radium - 226 / 228	<0.44 / <0.9 pCi/L	not detected	3 / 5 pci / L

*Sampled Every 9 Years

Miscellaneous

<u>Parameter</u>	<u>Results in mg/L unless noted</u> <u>Metro Water Services</u>	<u>Range of Detection</u>	<u>MCL</u>
Sodium	12.2	11.7 - 12.9	not established
Hardness (Calcium)	75.3	63.9 - 92.6	not established
Alkalinity as CaCO ₃	65.2	54.3 - 88.1	not established
Temperature	19.4	8.1 - 28.8	not established
Langlier Index	(-)0.95	(-)0.70 - (-)1.3 (LSI)	not established
Aggressive Index	10.9	10.6 - 11.2 (AI)	not established

Volatile Organic Chemicals

<u>Parameter</u>	<u>Results in mg/L unless noted</u> <u>2/18/2025</u>	<u>Range of Detection</u>	<u>Regulated</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

Volatile Organic Chemicals

Results in mg/L unless noted

2/18/2025

Unregulated

<u>Parameter</u>		<u>Range of Detection</u>	<u>MCL</u>
Bromobenzene	<0.0005	not detected	none
Bromodichloromethane	0.0011	0.0011	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)	0.0030	0.0028-0.0031	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