

NASHVILLE, TN
Quality Annual Averages

2018 Water
Entry Point to

Distribution

Inorganic Parameters

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Antimony - total	waived*	0.006
Arsenic	waived*	0.05
Asbestos * *	not detected	7 million fibers / L
Barium	waived*	2
Beryllium - total	waived*	0.004
Cadmium	waived*	0.005
Chromium	waived*	0.1
Cyanide	waived*	0.2
Fluoride	0.63	4
Lead	<0.001	0.015 (action level)
Mercury	waived*	0.002
Nickel	waived*	0.1
Nitrate	0.46	10
Nitrite	<0.005	1
Selenium	waived*	0.05
Thallium - total	waived*	0.002

**** Analyzed 2011**

Secondary Standards

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Chloride	12.4	250
Color	<2.0	15 (Color Units)
Copper	<0.001	1.3 (action level)
MBAS	<0.025	0.5
Iron	waived*	0.3
Manganese	waived*	0.05
Sulfate	35.2	250
Total Dissolved Solids	142	500
Zinc	waived*	5
Odor (Threshold odor #)	<1.0	3 (TON)
pH	7.2	6.5 to 8.5 (Std Units)
Silver	waived*	0.1
Aluminum	waived*	0.2

waived = Nine (9) year reduced monitoring waiver granted by TDEC due to historically low risk of possible contaminate presence in MWS drinking water*

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Trichloromethane	10.1	N/A
Bromodichloromethane	2.7	N/A
Dibromochloromethane	<1	N/A
Tribromomethane	<1	N/A
Total Trihalomethanes (THM's)	12.80	80

Haloacetic Acids

Results in µg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Monochloroacetic Acid	<2	N/A
Dichloroacetic Acid	5.50	N/A
Trichloroacetic Acid	5.80	N/A
Monobromoacetic Acid	<1	N/A
Dibromoacetic Acid	<1	N/A
Total Haloacetic Acids (HAA's)	11.30	60

Organic Parameters

4/18/18 Results in mg/L

Regulated Pesticides

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Atrazine	not detected	0.003

Organic Parameters

4/18/18 Results in mg/L

Regulated Herbicides

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Simazine	not detected	0.004
Picloram	not detected	0.500
Alachlor (Lasso)	not detected	0.002
* due to result above detection 2,4-D sampling now occurs quarterly. All combined results average to a "not detected value"		
2,4-D*	0.00023	0.070

Radiochemical Parameters

Analyzed 2/9/16

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Gross Alpha	<3.0 pci/L	15 pci / L
Radium - 226 / 228	<0.46 / 1.01 pci/L	3 / 5 pci / L

Miscellaneous

Results in mg/L unless noted

<u>Parameter</u>	<u>Metro Water Services</u>	<u>MCL</u>
Sodium	9.0	not established
Hardness (Calcium)	79.6	not established
Alkalinity	68.4	not established
Temperature	17.9	not established
Langlier Index	-0.9	not established
Aggressive Index	11.0	not established

Results in mg/L unless noted

Volatile Organic Chemicals

5/11/2018

RegulatedParameterMCL

Benzene	not detected	0.005
Carbon Tetrachloride	not detected	0.005
Para - Dichlorobenzene	not detected	0.075
1,2 - Dichloroethane	not detected	0.005
1,1 - Dichloroethylene	not detected	0.007
1,1,1 - Trichloroethane	not detected	0.20
Trichloroethylene	not detected	0.005
Vinyl Chloride	not detected	0.002
cis -1,2 - Dichloroethylene	not detected	0.07
Dichloromethane	not detected	0.005
1,2 - Dichloropropane	not detected	0.005
Ethylbenzene	not detected	0.7
Monochlorobenzene	not detected	0.1
o - Dichlorobenzene	not detected	0.6
Styrene	not detected	0.1
Tetrachloroethylene	not detected	0.005
Toluene	not detected	1
trans - 1,2 - Dichloroethylene	not detected	0.1
Xylenes (total)	not detected	10
1,2,4 - Trichlorobenzene	not detected	0.07
1,1,2 - Trichloroethane	not detected	0.005

Results in mg/L unless noted

Volatile Organic Chemicals

5/11/2018

UnregulatedParameterMCL

Bromobenzene	not detected	none
Bromodichloromethane	0.0033	none
Bromoform	not detected	none
Bromomethane	not detected	none
Chlorodibromomethane	not detected	none
Chloroethane	not detected	none
Chloroform	0.0115	none
Chloromethane	not detected	none
o - Chlorotoluene	not detected	none
p - Chlorotoluene	not detected	none
Dibromomethane	not detected	none
m - Dichlorobenzene	not detected	none
1,1 - Dichloroethane	not detected	none
1,3 - Dichloropropane	not detected	none
2,2 - Dichloropropane	not detected	none
1,1 - Dichloropropene	not detected	none
1,3 - Dichloropropene	not detected	none
1,1,1,2 - Tetrachloroethane	not detected	none
1,1,2,2 - Tetrachloroethane	not detected	none
1,2,3 - Trichloropropane	not detected	none