

BROWN DEER WATER UTILITY

TREATED WATER QUALITY 2008

LISTED below are contaminants DETECTED in Milwaukee's drinking water during 2008. All are below levels allowed by state and federal laws. A list of the hundreds of other compounds for which the water was tested but not found can be located at: <http://www.water.mpw.net>

Substance	Ideal Goals (mclg)	Highest Level Allowed (USEPA-MCL)	Median Value	Highest Level Detected	Sources of Contaminant
Aluminum	0.2 mg/L	NR	0.032 mg/L	0.173 mg/L	Water treatment additive; natural deposits
Barium	2 mg/L	2 mg/L	0.019 mg/L	0.019 mg/L	Natural Deposits.
Chromium	100 ug/L	100 ug/L	3.9 ug/L	4.4 ug/L	Natural Deposits.
Copper	1.3 mg/L	1.3 mg/L (AL)	.061mg/L	.317mg/L	Natural Deposits. Corrosion of household plumbing systems.
Lead	0 ug/L	15 ug/L (AL)	<2 ug/L	2ug/L	Natural Deposits. Corrosion of household plumbing systems.
Potassium	NR	NR	1.4 mg/L	1.6 mg/L	Natural Deposits.
Sodium	NR	NR	8.3 mg/L	13.1 mg/L	Natural Deposits.
Bromate	10 ug/L	10 ug/L (RRA)	4 ug/L(RRA)	NR	Disinfection by-product.
Fluoride		4 mg/L	.91 mg/L	1.34 mg/L	Water treatment additive, natural deposits.
Total Organic Carbon	TT	TT	1.3 mg/L	3.2 mg/L	Naturally Present
Chlorine, Total		4 mg/L	.7 mg/L	2.0 mg/L	Residual of water disinfection.
Haloacetic Acids , Total	0 ug/L	60 ug/L	3.6 ug/L	8.9 ug/L	Byproduct of drinking water disinfection.
Trihalomethanes, Total	0 ug/L	80 ug/L	8 ug/L	14 ug/L	Byproduct of drinking water disinfection.
Sulfate	500 mg/L	NR	26 mg/L	27 mg/L	Naturally Present
Turbidity		TT< 0.3 NTU 95% of the time	0.04 NTU 95% of time	0.08 NTU one-day max	Natural Sediment.
Uranium, Total		20 pCi/L	0.54 pCi/L	0.57 pCi/L	Natural Deposits.
Radium – Combined	0 pCi/L	5 pCi/L	0.7 pCi/L	0.7 pCi/L	Natural Deposits.
Total Coliform Bacteria	0	<5 % of samples/month	<1%	<1%	Naturally present in the environment.

