

There were no drinking water treatment violations in 2013.

The Utility is in compliance with the Total Organic Carbon (TOC) removal requirements in the Disinfection Byproducts Rule.

All surface water sources are known to be susceptible to contamination by *Cryptosporidium*. Because of this, the Utility monitors for *Cryptosporidium* in the drinking water and the lake water, which is the source of water to the two water treatment plants.

During the 2013 monitoring *Cryptosporidium* was not found.

The water plants treat drinking water with a filtration process that has been shown to remove *Cryptosporidium*.

Key

TT = Treatment Technique

MCL = Maximum Contaminant Level

MCLG = Maximum Contaminant Level Goal

ppm = parts per million or milligrams per liter

ppb = parts per billion or micrograms per liter

ntu = nephelometric turbidity units (a measure of turbidity)

Regulated at the Treatment Plant

PARAMETER	MCL	MCLG	DATE	AVG Result	High	Low	Possible Sources
Barium (ppm)	2	2	2013	0.01	0.01	0.003	Natural Geology
Fluoride (ppm)	4	4	2013	0.56	0.60	0.52	Supplement. natural Geology
Nitrate (as N) (ppm)	10	10	2013	0.03	0.05	0.02	Runoff from Fertilizer
Arsenic (ppb)	10	0	2013	0.47	0.93	<0.70	Erosion of Natural Deposits
Chromium (ppb)	100	100	2013	0.42	0.43	0.42	Erosion of Natural Deposits
Simazine (ppb)	4	4	2013	0.03	0.08	<0.05	Runoff from Herbicide
Turbidity (ntu)	TT	n/a	2013	0.06	0.19	0.02	Measure of the cloudiness of the water

100% of the readings were at or below .3 ntu

Unregulated Contaminant Monitoring Regulations Reporting (UCMR)

Unregulated contaminants are those for which EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. Any unregulated contaminants detected are reported in the following table. For additional information and data visit <http://www.epa.gov/safewater/ucmr/ucmr2/index.html>, or call the Safe Drinking Water Hotline at (800) 426-4791.

PARAMETER	MCLG	DATE	AVG Result	High	Low	Possible Sources
N-Nitrosodimethylamine (ppb)	none	2010	0.0005	0.0022	<.0006	Byproduct of Manufacturing
Bromodichloromethane (ppb)	0	2013	10.1	17.7	6.9	Byproduct of Drinking Water Disinfection
Chlorodibromomethane (ppb)	60	2013	7.8	12.3	4.9	Byproduct of Drinking Water Disinfection
Chloroform (ppb)	70	2013	11.6	24.4	6.9	Byproduct of Drinking Water Disinfection
Bromoform (ppb)	0	2013	0.9	2.3	<1	Byproduct of Drinking Water Disinfection
Dichloroacetic Acid (ppb)	0	2013	8.5	11.2	5.6	Byproduct of Drinking Water Disinfection
Trichloroacetic Acid (ppb)	20	2013	2.2	6.5	1.5	Byproduct of Drinking Water Disinfection
Monochloroacetic Acid (ppb)	70	2013	1.4	2.5	<2	Byproduct of Drinking Water Disinfection
Bromoacetic acid (ppb)	none	2013	0.2	1.5	<1	Byproduct of Drinking Water Disinfection
Dibromoacetic Acid (ppb)	none	2013	2.1	4.2	<1	Byproduct of Drinking Water Disinfection
Molybdenum (ppb)	none	2013	1.7	1.7	1.6	Erosion of natural deposits
Strontium (ppb)	none	2013	128.0	161.0	75.0	Occurs naturally in the environment
Vanadium (ppb)	none	2013	3.3	4.1	2.9	Industrial sources
Chromium (ppb)	100	2013	0.11	0.23	<0.200	Erosion of natural deposits
Hexavalent Chromium (ppb)	none	2013	0.19	0.25	0.16	Erosion of natural deposits