

2009 Water Quality Data

What does this chart mean?

- MCLG: Maximum Contaminant Level Goal, or the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLG's allow for a margin of safety.
- MCL: Maximum Contaminant Level, or the highest level a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG's as feasible using the best available treatment technology.
- MRDLG: Maximum Disinfectant Residual Level Goal
- MRDL: Maximum Disinfectant Residual Level

Contaminant	EPA Limit (MCLG)	EPA Limit (MCL)	Level Found In M.U.D. Samples	Range of Detection	Violation Yes/No	Date Of Samples	Typical Source Of Contaminants
Total Coliform Bacteria	0	>1 Positive	0	0	No	2009	Naturally present in the environment
Turbidity (NTU)	N/A	0.3	0.08 AVG	NTU .03-.36	No	2009	Soil run off
Copper* (ppm)	1.3	AL 1.3	90 th %=0.082 ppm	.0018-0.11	No	2009	Corrosion of household plumbing systems, erosion of natural deposits and leaching from wood preservatives
Lead* (ppb)	0	AL=15 ppb	90 th %=<1.0 ppb	0.0-.004	No	2009	Same as above & corrosion of natural deposits
Atrazine	N/A	0.0030	BDL*	BDL*	No	2009	Herbicide found in lake water due to run off.
Sodium (ppm)	N/A	N/A	5.7 AVG	0.0-5.7	No	2009	Discharge from petroleum & metal refineries, erosions of natural deposits, and discharge from mines
Fluoride (ppm)	4ppm	4ppm	0.75 AVG	0.63-1.00	No	2009	Water additive for strong teeth, corrosion of natural deposits
Chlorine (ppm)	MRDLG 4ppm	MRDL 4ppm	1.50 AVG	0.6-1.6	No	2009	Water additive used to control microbes
Trihalomethanes (ppb)	N/A	80	40	33-50	No	2009	Disinfection by-product
Haloacetic Acids (ppb)	N/A	18	28	22-40	No	2009	Disinfection by-product
Total Organic Carbon**	N/A	TT	1.4	1.3-1.6	No	2009	Naturally present in the environment

*During the most recent round of lead and copper testing, 0 out of 20 sites sampled contained concentrations exceeding the action level. ** We met the treatment technique for total organic carbon. Compliance value achieved if value is ≥ 1.0 . Turbidity does not present risk to your health. We monitor turbidity, which is a measure of the cloudiness in drinking water, because it is a good indicator that our filtration system is functioning properly. Abbreviations: PPB: parts per billion or micrograms per liter. PPM: parts per million or milligrams per liter. N/A: not applicable. NTU: Nephelometric Turbidity Unit, used to measure cloudiness in drinking water. MFL: million fibers per liter, used to measure asbestos concentration. AL: Action level, or the concentration of a contaminant which, when exceeded, triggers treatment or other requirements which a water system must follow. TT: Treatment Technique, or a required process intended to reduce the level of a contaminant in drinking water. About the data: Most of the data in this table is from testing done between Jan. 1 and Dec. 31, 2009. We monitor for some contaminants less than once per year, and for these contaminants, the date of the last sample is shown in the table. * BDL means Below Detection Limit.