

2017 Water Quality Data #1

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☐ allow for a margin of safety.
- MCL: Maximum Contaminant Level, or the highest level a contaminant that is allowed in drinking water. MCL☐ are set as close to the MCLG☐ 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	<5% Positive	0.0%	N/A	No	2017	Naturally present In the environment
Turbidity (NTU)	N/A	0.3	0.05	NTU 0.03-0.51	No	2017	Soil run off
Copper* (ppm)	1.3	AL 1.3	90 th =0.03 ppm	N/A	No	2015	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	N/A	No	2015	Same as above & corrosion of natural deposits
Sodium (ppm)	N/A	N/A	5.3	N/A	No	2017	Discharge from petroleum & metal refineries, erosions of natural deposits, and discharge from mines
Fluoride (ppm)	4ppm	4ppm	0.76 AVG	0.40 - 1.20	No	2017	Water additive for strong teeth, corrosion of natural deposits
Chlorine (ppm)	MRDLG 4ppm	MRDL 4ppm	1.93 AVG	0.90 - 2.6	No	2017	Water additive used to control microbes
Trihalomethanes (ppb)	N/A	80	27	N/A	No	2017	Disinfection by-product
Haloacetic Acids (ppb)	N/A	60	29	N/A	No	2017	Disinfection by-product
Total Organic Carbon**	N/A	TT	1.1	0.92 - 1.24	No	2017	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 \leq 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, 2017. 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.