

2011 Water Quality Data

Regulated Contaminants	Average	Minimum	Maximum	Maximum Contaminant Level *(MCL)	*MCLG	Likely Source of Contaminants
Turbidity Level found	0.08				n/a	Soil runoff.
Lowest monthly % meeting regs	100%			TT*=less than 0.3 NTU 95 percent of the time.		
Total Coliform Bacteria within distribution system	0.46% (monthly)			Presence of coliform bacteria in more than 5 percent of monthly samples.	0	Naturally present in the environment.
Barium	0.047	0.034	0.063	2 parts per million	2	Naturally present in the environment, drilling waste, metal refineries.
Beta Particles***	2.42	2.17	2.66	pCi/Liter; MCL = 4 mrem/yr	0	Decay of natural and man-made mineral deposits.
Chlorine	1.8	0.76	3.2	MRDL - 4.0 parts per million annual average	4	Water additive to control microbes.
Chlorite	0.094	0	0.21	1 part per million	0.8	By-product of drinking water disinfection.
Copper**	0.17 ppm at the 90th percentile			AL* = 1.3 parts per million at 90th percentile	1.3	Corrosion of household plumbing systems, erosion of natural deposits, leaching from wood preservatives.
Fluoride	0.68	0.07	1.3	4 parts per million	2	Erosion of natural deposits, water additive which promotes strong teeth, discharge from fertilizer and aluminum factories.
Halo Acetic Acids	0.016	0	0.055	0.060 parts per million running annual average	n/a	By-product of drinking water disinfection.
Lead**	<0.002 ppm at the 90th percentile			AL* = 0.015 parts per million at 90th percentile	0	Corrosion of household plumbing systems, erosion of natural deposits.
Nitrate - Nitrate	0.10	0	0.34	Nitrate=10 parts per million; Nitrite=1 part per million	10; 1	Naturally occurring, fertilizers, sewage treatment plants, leaching from septic tanks.
Total Organic Carbon	2.1	1.2	3.4	Results are parts per million. MCL is TT*=percent removal	n/a	Naturally found in the environment.
Trihalomethanes	0.052	0.013	0.092	0.080 parts per million running annual average	n/a	By-product of drinking water disinfection.
Unregulated Contaminants	Average	Minimum	Maximum	Maximum Contaminant Level *(MCL)	*MCLG	Likely sources of contaminants
Aluminum	0	0	0	Unregulated - aesthetic level 0.2 parts per million		Coagulant treatment product, natural deposits
Chloride	14	9.8	18	Unregulated - aesthetic level 250 parts per million		Naturally present, brine from oilfield operations
Iron	0.004	0	0.016	Unregulated - aesthetic level 0.3 parts per million		Naturally present in the environment.
Sodium	11.2	7.24	15.9	Standard has not been established		Naturally occurring, urban stormwater runoff or discharge from sewage treatment plants.
Sulfate	22	4.5	60	Unregulated - aesthetic level 250 parts per million		Naturally present in the environment.

***Definitions:**

MCL = Maximum Contaminant Level: The highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

MCLG = Maximum Contaminant Level Goal: The level of contaminant in drinking water below which there is no known or expected health risk.

MRDL = Maximum Residual Disinfectant level: The highest level of disinfectant allowed in drinking water.

AL = Action Level: The concentration of a contaminant which, if exceeded, triggers a treatment or other requirement which a water system must follow.

mrem/yr = millirems per year (a measure of radiation absorbed by the body).

pCi/L = picoCurie per liter of water (a measure of radioactivity).

TT = Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.

NTU = Nephelometric Turbidity Unit

**Data collected August 2010. Monitoring frequency is in compliance with regulation.

***Data collected September 2010. Monitoring frequency is in compliance with regulation.