

2009 WATER QUALITY TABLE

This table lists the contaminants detected in the 2009 calendar year. A few contaminants were tested in years previous to 2009 as the EPA/State require us to monitor less than annually because concentrations of certain contaminants do not change frequently.

Contaminants (Sample Source)	MCLG or MRDLG	MCL, TT or MRDL	Your Water	Range Low	High	Sample Date	Violation	Typical Source
Disinfectants & Disinfection By-Products								
There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.								
Chlorine as Cl ₂ , ppm (Dist)	4	4	0.58	0.11	1.79	2009	No	Water additive used to control microbes
Haloacetic Acids-HAA5, ppb (Dist)	NA	60	36	17	62	2009	No	By-product of drinking water chlorination
Total Trihalomethanes-TTHMs, ppb (Dist)	NA	80	67	29	144	2009	No	By-product of drinking water chlorination
Inorganic Contaminants								
Arsenic, ppb (HRWA)	0	10	ND	NA	NA	2008	No	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Fluoride, ppm (HRWA)	4	4	0.12	NA	NA	2009	No	Erosion of natural deposits; Water additive which promotes strong teeth; The HRWA does not add fluoride to the water.
Sodium, ppm (HRWA) unregulated **	NA	NA	7	----	----	2008	No	Erosion of natural deposits; Leaching
Asbestos, MFL (Dist)	7	7	ND	NA	NA	2006	No	Decay of asbestos cement water main; Erosion of natural deposits
Nitrate as Nitrogen, ppm (HRWA)	10	10	0.5	----	----	2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Nitrite as Nitrogen, ppm (HRWA)	1	1	ND	NA	NA	2009	No	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
Microbiological Contaminants								
Total Coliform/E. Coli, positive samples *** (Dist and HRWA)	0	0	0	NA	NA	2009	No	Human and animal fecal waste
Radioactive Contaminants								
Alpha emitters, pCi/L (HRWA)	0	15	<1.1	NA	NA	2002	No	Erosion of natural deposits
Radium combined 226/228, pCi/L (HRWA)	0	5	<0.6	NA	NA	2002	No	Erosion of natural deposits
Turbidity								
Turbidity, NTU (HRWA)	NA	TT 0.5	0.046	0.039	0.071	2009	No	Soil runoff
Contaminants (Sample Source)	MCLG	AL	Your Water	# of Samples Exceeding AL	Sample Date	Exceeds AL	Typical Source	
Inorganic Contaminants								
Copper-action level at consumer taps, ppm (Dist)	1.3	1.3	0.37	2	2009	No	Corrosion of household plumbing systems; Erosion of natural deposits	
Lead-action level at consumer taps, ppb (Dist)	0	15	3	0	2009	No	Corrosion of household plumbing systems; Erosion of natural deposits	

** Unregulated contaminants are those for which EPA has not established drinking water standards. Monitoring helps EPA to determine where certain contaminants occur and whether it needs to regulate those contaminants.

*** A violation occurs when a routine sample and a repeat sample, in any given month, are total coliform positive and one is also fecal or E. Coli positive.