

Water Quality Data Table

YEAR --2009

The table below lists all of the drinking water contaminants that we detected during the calendar year of this report. The presence of contamination in the water does not necessarily indicate that the water poses a health risk. Unless otherwise noted, the data presented in the table is from testing done in the calendar year of this report. The EPA or the State requires us to monitor for certain contaminants less than once per year because the concentration of these contaminants do not change frequently.

Contaminants (units)	MCLG	MCL	Your Water	Low Range	High Range	Sample Date	Violation	Typical Source
<u>Inorganic Contaminants</u>								
Barium (ppm)	2	2	0.13	0	0.13	7/29/2008	NO	Discharge from drilling wastes; Discharge from metal refineries; Erosion of natural deposits;
Flouride (ppm)	4	4	0.4	0.12	0.4	7/29/2008	NO	Erosion of natural deposits; Water additive which promotes strong teeth Discharge from fertilizer and aluminum factories
Arsenic (ppb)	0	10	5.6	0	5.6	7/29/2008	NO	Erosion of natural deposits; Runoff from orchards; Runoff from glass & electronic production waste
Nickel (ppb)	MNR	MNR	0	0	0	7/29/2008	NO	Erosion of natural deposits; Leaching
Nitrates (measured as Nitrogen)(ppm)	10	10	1.1	0	1.2	12/16/2009	NO	Runoff from fertilizer use; Leaching from septic tanks sewage; Erosion of natural deposits;
Copper- action level at consumer taps (ppm)	1.3	1.3	0.25			9/15/2009	NO	Corrosion of household plumbing systems; Erosion of natural deposits;
Lead - action level at consumer taps (ppb)	0	15	0.012			9/15/2009	NO	Corrosion of household plumbing systems; Erosion of natural deposits;
Sodium (ppm)	MNR	MNR	63	N/A	63	9/12/2007	NO	Erosion of natural deposits; Leaching
<u>Radioactive Contaminants</u>								
Alpha emitters (pCi/L)	0	15	0.69	0	0.69	10/1/2007	NO	Erosion of natural deposits;
Beta/ photon emitters (pCi/L)	N/A	N/A	1.205	0	1.205	10/1/2007	NO	Decay of natural and manmade deposits The EPA considers 50 pCi/L to be the level of concern for Beta particles
<u>Volatile Organic Contaminants</u>								
TTHM [Total Trihalomathane (ppb)	N/A	80	6.2	1.3	6.2	9/2/2009	NO	By- product of drinking water chlorination
HAA5[Haloacetic Acids] (ppb)	N/A	60	1.83	0.3	0.8	9/2/2009	NO	By- product of drinking water chlorination

NOTE: Attached is a notice of violation for the Taos Municipal Water System.

Unit Descriptions:

N/A: Not Applicable
 ND: Not Detected
 NR: Not Reported
 MNR: Monitoring not required but recommended
 ppm: parts per million or milligrams per liter (mg/L)
 ppb: parts per billion or micrograms per liter (ug/L)
 pCi/L: picocuries per liter (radioactivity)

Important Drinking Water Definitions

MCLG- Maximum Contaminant Level Goal. The level of the contaminat 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. The highest level of a contaminant that is allowed in drinking water. MCL's are set as close to the MCLG as feasible using the best available treatment technology.
 MRDLG - Maximum Residual Disinfectant Goal. The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLG's do not reflect the benefit of the use of disinfectants to control microbial contaminants.
 MRDL - Maximum Residual Disinfectant. There is convincing evidence that addition of disinfectant is necessary for control of mircobial contaminants.

For more information contact

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