

Contaminants	MCLG or MRDLG	MCL TT, or MRDL	Your Water	Range		Sample Date	Violation Yes or No	Typical Source
				Low	High			
<i>Disinfectants & Disinfectants By-Products</i>								
TTHMs [Total Trihalomethanes] (ppb)	NA	80	5.15	0	5.15	2011	No	By-product of drinking water disinfection
<i>Inorganic Contaminants</i>								
Barium (ppm)	2	2	0.471	0.0193	0.0471	2010	No	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Fluoride (ppm)	4	4	1.29	0.105	1.29	2010	No	Erosion of natural deposits; water additive which promotes strong teeth; discharge from fertilizer and aluminum factories
Nitrate [measured as nitrogen] (ppm)	10	10	0.517	0.198	0.517	2011	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite [measured as nitrogen] (ppm)	1	1	0.517	0.198	0.517	2011	No	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Arsenic (ppb)	0	10	2.86	0.357	2.86	2007	No	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
<i>Volatile Organic Contaminants</i>								
Xylenes (ppm)	10	10	0.0013	0	0.0013	2010	No	Discharge from petroleum factories; discharge from chemical factories
Contaminants	MCLG	AL	Your Water	Sample Date		# Samples Exceeding AL	Exceeds AL Y or N	Typical Source
<i>Inorganic Contaminants</i>								
Lead-action level at consumer taps (ppb)	0	15	4.5	2010		0	No	Corrosion of household plumbing systems, erosion of natural deposits
Copper-action level at consumer taps (ppm)	1.3	1.3	0.205	2010		0	No	Corrosion of household plumbing systems, erosion of natural deposits
Additional Contaminants								
In an effort to ensure the safest water possible, the State has required us to monitor some contaminants not required by Federal regulations. Of those contaminants the ones listed below were the only ones found in your water								
Contaminants	State MCL	Your Water	Violation	Explanation and Comment				
Nickel	NA	94.4 ug/L	No	The samples ranged from a low of 6.63 to a high of 94.4 ug/L				
Unit Descriptions								
Term	Definition							
ug/L	Number of micrograms of substance per one Liter of water							
ppm	Parts per million, or milligrams per liter (mg/L)							
ppb	Parts per billion, or micrograms per liter (µ/L)							
NA	Not Applicable							
ND	Not Detected							
NR	Monitoring not required, but recommended							
Important Drinking Water Definitions								
Term	Definition							
MCLG	Maximum Contaminant Level Goal: The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.							
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 is feasible using the best available treatment technology.							
TT	Treatment Technique: A required process intended to reduce the level of a contaminant in drinking water.							
AL	Action Level: The concentration of a contaminant which, if exceeded, triggers treatment or other reqs which a water system must follow.							
Variations & Exemptions	State or EPA permission not to meet an MCL or a treatment technique under certain conditions.							
MRDLG	Maximum residual disinfection level goal: The level of a drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of use of disinfectants to control microbial contaminants							
MRDL	Maximum residual disinfection level: The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.							
MNR	Monitored Not Regulated.							
MPL	State assigned Maximum Permissible Level.							