

Table of Detected Contaminants

Contaminant	Violation Yes/No	Date of Sample	Level Detected (Avg/Max) (Range)	Unit Measurement	MCLG	Regulatory Limit (MCL, TT or AL)	Likely Source of Contamination
Inorganic Contaminants							
Fluoride	No	12/19/08	0.73	ppm	N/A	2.2	Erosion of natural deposits; Water additive which promotes strong teeth, discharge from fertilizer
Barium	No	12/19/08	0.014	ppm	2	2	Discharge from drilling waste; Discharge from metal refineries; Erosion of natural deposits
Nitrate	No	8/20/08	1.35	ppm	--	10	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Copper (2)	No	2008	(average) 0.073 (range) 0.0015 - 0.3630	ppm	--	1.3	Erosion of natural deposits; leaching; corrosion of household plumbing systems; from wood preservatives
Lead (3)	No	2008	(average) <.001 (range) .001 - .003	ppb	--	15	Erosion of natural deposits; corrosion of household plumbing systems
Microbiological Contaminants							
Turbidity (1)	No	9/28/08	0.79	NTU	N/A	TT = <5 NTU	Flushing
Turbidity (1)	No	continuous	0.10 avg.	NTU	N/A	TT = 95% of samples <0.3 NTU	Soil runoff
Disinfection By-Products							
TTHMs (Total Trihalomethanes) (4)	No	1/17/08 4/17/08 7/17/08 10/15/08	67.25 (average of four samples)	ppb	N/A	80	By-product of drinking water chlorination needed to kill harmful organisms. TTHMs are formed when source water contains large amounts of organic matter.
HAA5s (halo acetic acids) (4)		1/17/08 4/17/08 7/17/08 10/15/08	23.50	ppb	N/A	60	By-product of drinking water disinfection needed to kill harmful organisms

Notes:

- 1 – Turbidity is a measure of the cloudiness of the water. We test it because it is a good indicator of the effectiveness of our filtration system. State regulations require that turbidity must always be below 1 NTU in the distribution system.
- 2 – The level presented represents the 90th percentile of the 30 sites tested. A percentile is a value on a scale of 100 that indicates the percent of a distribution that is equal to or below it. The 90th percentile is equal to or greater than 90% of the copper values detected at your water system. The action level for copper was not exceeded at any of the sites tested.
- 3 – The level presented represents the 90th percentile of the 30 samples collected. The action level for lead was not exceeded at any of the sites tested.
- 4 – This level represents the annual quarterly average calculated from data collected.