

SIERRA LAKES COUNTY WATER DISTRICT

Operations & Maintenance Office

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Dear Serene Lakes Homeowner:

In order to ensure that tap water is safe to drink, the U.S. Environmental Protection Agency and the California Department of Public Health prescribe regulations that limit the amount of certain contaminants in water provided by public water systems. Also, California water suppliers are required by law to inform customers about the quality of their drinking water.

In accordance with these laws, each year the Sierra Lakes County Water District publishes a *Consumer Confidence Report* that conforms to the information, content, and format requirements of the State. The report for the year 2009 is attached.

Because a number of homeowners have indicated that the mandated State format is rather complicated and difficult to interpret, we have summarized in the following table the District's performance against regulated contaminant levels in our drinking water in a format that might be easier to understand. Homeowners seeking additional information (and definitions of terms) are encouraged to reference the more detailed source document.

Chemical or Constituent	Typical Source	Unit of Measure	Maximum Allowed	Measured Level	Level of Compliance
Copper	Erosion of natural deposits	ppb	1300	13	Pass
Color at pH 7.7	Erosion of natural deposits	Units (% Transmit)	15	4	Pass
Odor	Naturally occurring organic materials	Units (Thrshld Num)	3	3	Pass
Turbidity (raw)	Soil runoff	NTU	5	1.4	Pass
Total Dissolved Solids	Erosion of natural deposits	ppm	1000	31	Pass
Iron	Runoff/leaching from natural deposits	ppm	300	115	Pass
Sulfate	Runoff/leaching from natural deposits	ppm	500	0.3	Pass
Manganese	Leaching from natural deposits	ppb	50	27	Pass
Chloride		ppm	500	4.6	Pass
Specific Conductance	Substances that form ions when in water	uS/cm	1600	45	Pass
Turbidity following Filtration	Performance of Filtration System	NTU	95% of measurements in a month under 0.3	100% under limit	Pass
Turbidity following Filtration	Performance of Filtration System	NTU	1.0 (not to exceed)	0.24	Pass
Total Trihalomethanes	Byproduct of water chlorination	ppb	80	27.8 – 45.0	Pass

Haloacetic Acid	Byproduct of water chlorination	ppb	60	22.0 - 36.0	Pass
Lead (at Household Faucet)	Internal corrosion of household plumbing systems	ppb	15	5.3 (90 th percentile level)	1 of 10 samples Failed
Copper (at Household Faucet)	Internal corrosion of household plumbing systems	ppm	1.3	0.077 (90 th percentile level)	10 of 10 samples Passed

Many of the measurements used in this table were taken in 2007 and 2008, not 2009 (reference the detailed report for date of measurement). The Department of Public Health requires us to monitor for certain contaminants less frequently than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year.

As noted, all contaminants in the drinking water supplied by the District were below allowed limits. The one instance of failure involved excessive lead at the faucet of a household, due to internal corrosion of the household's plumbing system.

Please do not hesitate to contact the District if you have further questions with respect to the *2009 Consumer Confidence Report*.

Sincerely,



Bill Quesnel PE
Operations Manager

Enclosure: 2009 Consumer Confidence Report