

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. Water purveyors are required to annually 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 2010 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 | 690 | 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 | 0.3 | Pass |
| Total Dissolved Solids | Erosion of natural deposits | ppm | 1000 | 14 | 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 | Runoff/leaching from natural deposits | 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) | 0.18 | Pass |

| | | | | | |
|------------------------------|--|-----|-----|--|-------------------------|
| Total Trihalomethanes | Byproduct of water chlorination | ppb | 80 | 30 – 74 | Pass |
| Haloacetic Acid | Byproduct of water chlorination | ppb | 60 | 25 - 33 | 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 | 0.69 (90 th percentile level) | 10 of 10 samples Passed |

Many of the measurements used in this table were taken in 2007 and 2008, not 2010 (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 *2010 Consumer Confidence Report*.

Sincerely,



Bill Quesnel PE
Operations Manager

Enclosure: 2010 Consumer Confidence Report