

# Liberty Lake Sewer and Water District No. 1

## Annual Drinking Water Quality Report For Year 2003

Mandatory Health-Related Standards Are Established by the Washington State Department of Health

Parameter Measure	Unit of Measure	MCL	MCLG	Highest Detected Level						Likely Source of Contamination	
				Mission	Kenney	Schultz	Pump Station LLSWD Sprague	Greenridge	ESLLIC Sprague		ESLLIC Valleyway
<b>Microbiology</b>											
60 Tests were taken during this reporting period for LLSWD 12 Tests were taken for Greenridge 11 Tests were taken for ESLLIC. (The April monthly sample was missed. Public notification was made.)											
Total Coliform Bacteria	Presence in 5% of monthly samples		0	No Constituents Detected						Naturally present in the environment.	
Fecal Coliform and E. Coli	A routine sample and repeat sample are total coliform positive, and one is fecal or E.coli positive		0	No Constituents Detected							
<b>Inorganic Chemicals</b>											
Nitrate	ppm	10	10	0.7	0.8	1.67	1.49	<0.5	0.95	<0.5	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Schultz, Sprague & Kenney wells tested in 2003. ESLLIC Valleyway & Sprague wells tested in 2003. Greenridge well tested in 2003.											
Turbidity		n/a	TT					2.07		0.12	Turbidity has no health effects. However, turbidity can interfere with disinfection and provide a for microbial growth. Turbidity may indicate the presence of disease-causing organisms. These organisms include bacteria, viruses and parasites that can cause symptoms such as nausea, cramps, diarrhea, and associated headaches.
<b>Synthetic Organic Compounds</b>											
No testing required on LLSWD wells in 2003. ESLLIC tested Valleyway well in 2003. Greenridge well tested in 2003.											
<b>Volatile Organic Compounds</b>											
Kenney and Mission wells tested in 2003. ESLLIC Valleyway well tested in 2003. Greenridge well tested in 2003.											
<b>Radioactive Compounds</b>											
2 Analytes were tested for Kenney and Schultz wells tested in 2003. ESLLIC Sprague well tested in 2003.											
<b>Lead and Copper Regulated at the Customers Tap</b>											
20 Homes were test in LLSWD & 6 homes were tested in Greenridge which is regulated at the customer's tap.											
				Action Levels Not Exceeded							
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Although we have learned through our monitoring and testing that some constituents have been detected, the EPA has determined that your water IS SAFE at these levels.

YOUR TAP  
WATER  
  
IT'S SAFE TO  
DRINK!

**Abbreviations**  
ND= Not Detected  
ppm = parts per million  
ppb = parts per billion  
pCi/L = picocuries per liter  
(a measure of radioactivity)

AL = Action Level - concentrations of a constituent which, if exceeded, triggers treatment or other requirements

**Notes**

**Maximum Contaminant Level or MCL:**The highest level of a contaminant that is allowed in drinking water.

**Maximum Contaminant Level Goal or MCLG:**The level of a contaminant in drinking water below which there is no known or expected

**Treatment Technique or TT:** A required process intended to reduce the level of a contaminant in drinking water.

**Federal Action Level:**The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

MCL's are set at very stringent levels. To understand the possible health effects described from the many regulated constituents, a person would have to drink 2 liters of water every day at the MCL level for a lifetime to have a one-in-a-million chance of having the described health effect.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

We at Liberty Lake Sewer & Water District #1 work around the clock to provide top quality water to every tap. We ask all our customers to help us protect our water sources, which are the heart of our community, our way of life and our children's future.

East Side Liberty Lake Improvement Club  
Denise Coyle, Manager  
255-6837

**From Your Water Utility**  
Liberty Lake Sewer and Water District No. 1  
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ph: (509) 922-5443

Contact Person: F. Lee Mellish  
General Manager

Regular Scheduled Comissioner Board Meetings  
are held every third Wednesday of the month  
at 7:00 p.m.