

# Liberty Lake Sewer and Water District No. 1

## Annual Drinking Water Quality Report For Year 2002

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

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level					Likely Source of Contamination
				Pump Station					
				Mission	Kenney	Schultz	Sprague	East Side	
<b>Microbiology</b>									
72 Tests were taken during this reporting period									
Total Coliform Bacteria		Presence in 5% of monthly samples	0	*	*	*	*	ND	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	0.9	0.6	0.8	0.7	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Synthetic Organic Compounds</b>									
Sampling for herbicides was completed on Schultz well. Full tests were conducted on Sprague well in 2002. No testing required on Mission and Schultz in 2002.									
<b>Volatile Organic Compounds</b>									
Full tests were conducted on Schultz well in 2002. No testing required on Sprague, Mission and Kenny wells in 2002.									
<b>Radioactive Compounds</b>									
2 Analytes were tested for									
<b>Lead and Copper Regulated at the Customers Tap</b>									
10 Homes were tested									
Action Levels Not Exceeded									

Although we have learned through our monitoring and testing that some constituents have been detected, the EPA determined that your water is SAFE at these levels.

YOUR TAP WATER IS 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 risk to health.  
**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.

**From Your Water Utility**  
 Liberty Lake Sewer and Water District No. 1  
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 Liberty Lake, WA 99019  
 ph: (509) 922-5443

Contact Person: F. Lee Mellish  
 General Manager

Regular Scheduled Commissioner Board meetings are held every third Thursday of the month at 7:00 p.m.

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.

\*Note: Presence of coliform bacteria was found during routine sampling in early 2002, repeat samples were satisfactory. This system had one nonacute violation of the Coliform Rule in the month of March. We constantly monitor for various constituents in the water supply to meet all regulatory requirements. This past year we had one nonacute violation of the Coliform Rule. This does not pose a threat to the quality of our water supply.

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