

# Liberty Lake Sewer and Water District No. 1

## Annual Drinking Water Quality Report For Year 2006

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	
				Mission	Kenney	Schultz	Pump Station LLSWD Sprague	Greenridge	ESLLIC Sprague		ESLLIC Valleyway
<b>Microbiology</b>											
72 Tests were taken during this reporting period for LLSWD 12 Tests were taken for Greenridge 12 Tests were taken for ESLLIC.				*	*	*	*	No Constituents Detected			
Total Coliform Bacteria	Presence in 5% of monthly samples		0							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	0.5	0.7	0.6	0.6	<0.5	<0.5	<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. No testing required on Greenridge in 2004.											
<b>Synthetic Organic Compounds</b>											
No testing required on LLSWD wells in 2006. ESLLIC tested Valleyway well in 2003. 10 Synthetic Organic samples tested for Greenridge in 2004.				No Constituents Detected No Constituents Detected							
<b>Volatile Organic Compounds</b>											
Kenney, Mission, Sprague & Schultz wells tested in 2006. ESLLIC Valleyway well tested in 2003. Greenridge well tested in 2006.				No Constituents Detected No Constituents Detected No Constituents Detected							
<b>Radioactive Compounds</b>											
2 Analytes were tested for Kenney, Mission and Schultz wells tested in 2005. ESLLIC wells tested in 2006. Greenridge well tested in 2006.				No Constituents Detected No Constituents Detected No Constituents Detected							
<b>Lead and Copper Regulated at the Customers Tap</b>											
20 Homes in LLSWD were tested in 2006. 10 Homes in ESLLIC were tested in 2005. 6 Homes in Greenridge were tested in 2006.				Action Levels Not Exceeded Action Levels Not Exceeded Action Levels Not Exceeded							

This system had one nonacute violation of the Coliform Rule in the month of May.

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 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.

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  
 22510 East Mission Avenue  
 Liberty Lake, WA 99019  
 ph: (509) 922-5443

Contact Person: F. Lee Mellish  
 General Manager

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

Note: Liberty Lake Sewer & Water District customers refer to Mission, Kenny, Schultz & Sprague Pump Station columns for highest detected level.  
 East Side Liberty Lake Improvement Club customers refer to East Side Pump Station column for highest detected levels. Greenridge customers refer to Greenridge column.  
 Under emergency situations, East Side Liberty Lake Improvement Club and Greenridge customers receive water from Liberty Lake Sewer & Water District.

\*Note: Presence of coliform bacteria was found during routine sampling on May 15, 2007, 3 repeat samples were satisfactory. This system had one nonacute violation of the Coliform Rule in the month of May.  
 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.