

# Liberty Lake Sewer and Water District No. 1

Greenridge Home Owner Association  
East Side Liberty Lake Improvement Club

## Annual Drinking Water Quality Report For Year 2012

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	LLSWD Valleyway	Greenridge	ESLLIC Sprague	ESLLIC Valleyway	
<b>Microbiology</b>											
120 Tests were taken during this reporting period for LLSWD. 15 Tests were taken for Greenridge. 24 Tests were taken for ESLLIC.											
Total Coliform Bacteria	Presence in 5% of monthly samples		0	No Constituents Detected							
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	0.680	1.38	0.740	0.57	<0.5	0.610	<0.500	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Schultz and Sprague wells tested in 2010. Kenney well tested in 2009. ESLLIC Valleyway well tested in 2003, Sprague in 2007. Mission well Tested in 2007. Valleyway well Tested in 2012. Greenridge well tested in 2010.											
<b>Synthetic Organic Compounds</b>											
Kenney, Mission & Schultz wells tested in 2009. ESLLIC tested Valleyway well in 2012 & Sprague well in 2009. Synthetic Organic samples tested for Greenridge in 2012. Sampling for EDB's was completed for Greenridge on 7/30/07. Valleyway well tested in 2012.											
<b>Volatile Organic Compounds</b>											
Kenney, Mission, Sprague & Schultz wells tested in 2010. ESLLIC Valleyway well tested in 2010. ESLLIC Sprague well Tested in 2010. Greenridge well tested in 2010. Valleyway well tested in 2012.											
<b>Radioactive Compounds</b>											
2 Analytes were tested for. Mission and Schultz wells tested in 2010, Kenney & Sprague in 2009. ESLLIC wells tested in 2010. Greenridge well tested in 2010. Valleyway well tested in 2012.											
<b>Lead and Copper Regulated at the Customers Tap</b>											
20 Homes in LLSWD were tested in 2012. 10 Homes in ESLLIC were tested in 2011. 6 Homes in Greenridge were tested in 2012.											

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.

Arsenic in your drinking water has been reported at less than 10 ppb. This means that your drinking water currently meets EPA's newly revised drinking water standard for arsenic. In the future, your Consumer Confidence Report will reflect improved laboratory methods that will more accurately detect the level of arsenic (if any) in your drinking water. EPA believes that consumers should be aware of the uncertain health risks presented by very low levels of arsenic. EPA's standard balances the current understanding of arsenic's health effects against the costs of removing arsenic from drinking water.

### From Your Water Utility

Liberty Lake Sewer & Water District No1  
22510 E Mission Ave  
Liberty Lake WA 99019



BiJay Adams  
General Manager  
509.922.5443  
www.libertylake.org

Board Of Commissioner Meeting are held every third Wednesday at 4:00pm

**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.

East Side Liberty Lake Improvement Club (ESLLIC)  
Denise Coyle  
Manager  
509.255.6837

Greenridge Homeowner Association (HOA)  
Deborah Deyche  
President  
509.255.6638

\*The table shows that *The Greenridge HOA* system uncovered some problems this year. *The Greenridge HOA* are correcting this by repeat sampling and public education. Infants and young children are typically more vulnerable to lead in drinking water than the general population. It is possible that lead levels at your home may be higher than at other homes in the community as a result of materials used in your home's plumbing. If you are concerned about elevated lead levels in your home's water, you may wish to have your water tested and flush your tap for 30 second to 2 minutes before using tap water. Additional information is available from the SAFE DRINKING WATER HOTLINE (1-800-426-4791). LEAD - Reporting Level = 0.001 Mg/L reporting action level = 0.15 Mg/L results 0.045 Mg/L 90th percentile of six (6) samples collected. Lead: Lead in drinking water is rarely the sole cause of lead poisoning, but it can add to a person's total lead exposure. All potential sources of lead in the household should be identified and removed, replaced or reduced.

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.

### Water Use Efficiency Rule and Annual Performance Reporting:

Beginning January 22, 2008, water system plans submitted for review and approval through the Department of Health must include water use efficiency planning requirements. The water use efficiency rule affects all municipal water suppliers. All municipal water suppliers need to set water use efficiency goals and record these goals in planning documents and performance reports. As part of the Water Use Efficiency Rule, municipal water suppliers must set water use efficiency goals through a public process and report annually on their performance to customers, Department of Health, and also make the information available to the public.

The District through a public process has set four goals: 1) Per Capita Consumption, 2) Outdoor Irrigation Reduction Program, 3) Develop a Water Re-Use Program and 4) Public Education and Outreach Program.

**Performance Report (since January 2011):** \*The District has tracked its total water produced and purchased, \*Evaluated and calculated any distribution system leakage, \*Delivered educational material on water use and efficiency, \*The District has worked toward developing a *Water Re-Use Program*, \*The District has implemented an *Irrigation Sensor Incentive Program* and awarded irrigation rain and soil sensors. \*The District has provided Public Education and Outreach on water use efficiency. \*The District included the WUE annual performance report progress in the 2011 Consumer Confidence Report; mailed by June 2012.

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: Liberty Lake Sewer & Water District customers refer to Mission, Kenny, Schultz and Sprague Pump Station columns for highest detected levels. East Side Liberty Lake Improvement Club (ESLLIC) customers refer to East Side Pump Station column for highest detected levels. Green Ridge Homeowner customers refer to Green Ridge column. Under emergency situations, East Side Liberty Lake Improvement Club (ESLLIC) and Green Ridge Homeowner customers will receive water from Liberty Lake Sewer & Water District.