

# 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 2011

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

As you can see by the table, our system had no violations above the allowed Maximum Contaminant Levels. We're proud that your drinking water meets or exceeds all Federal and State requirements and 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.

YOUR TAP WATER  
IT'S SAFE TO DRINK!

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level						Likely Source of Contamination	
				Mission	Kenney	Schultz	Pump Station 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. 12 Tests were taken for ESLLIC.				No Constituents Detected No Constituents Detected							
Total Coliform Bacteria	Presence in 5% of monthly samples		0								
Fecal Coliform and E. Coli	A routine sample and repeat sample are total coliform positive, and one is fecal or E.coli positive		0								
<b>Inorganic Chemicals</b>											
Nitrate	ppm	10	10	<0.5	1.34	0.630	0.0654	<0.5	0.468	0.129	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Schultz, Sprague & wells tested in 2010 Kenney well tested in 2009. ESLLIC Valleyway wells tested in 2003, Sprague in 2007. Mission Tested in 2007  Greenridge well tested in 2010											
<b>Synthetic Organic Compounds</b>											
Kenney, Mission & Schultz wells tested in 2009. ESLLIC tested Valleyway well in 2003 & Sprague well in 2009. 10 Synthetic Organic samples tested for Greenridge in 2004. Sampling for EDB's was completed for Greenridge on 7/30/07				No Constituents Detected No Constituents Detected No Constituents Detected							
<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.				No Constituents Detected No Constituents Detected No Constituents Detected No Constituents Detected							
<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.				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 2009. 10 Homes in ESLLIC were tested in 2011. 6 Homes in Greenridge were tested in 2009.				Action Levels Not Exceeded Action Levels Not Exceeded Action Levels Not Exceeded							

**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.

**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.

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

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 & Sprague Pump Station columns for highest detected level. East Side Liberty Lake Improvement Club (ESLLIC) 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.

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 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.