



# Liberty Lake Sewer and Water District #1

East Side Liberty Lake Improvement Club  
Greenridge Homeowners Association

**YOUR TAP WATER  
IS SAFE TO DRINK!**

# 2017 Annual Drinking Water Quality Report

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

“Serving People and the Environment”

## Your Water Utility

Liberty Lake Sewer and Water District #1  
22510 E Mission Ave  
Liberty Lake, WA 99019

BiJay Adams—General Manager  
509.922.5443  
www.libertylake.org

Board of Commissioner’s Meetings are held the second Monday of every month at 4:00 pm.

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**East Side Liberty Lake Improvement Club (ESLLIC)**  
**System Operational: 1/1/17—3/17/17**  
Denise Coyle—Manager (509.255.6837)

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**Greenridge Homeowner’s Association**  
Joseph Frett—President

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 sole source of water, the Spokane Valley-Rathdrum Prairie Aquifer, which is at the heart of our community, our way of life and our children's future.

For more aquifer info: [www.spokaneaquifer.org](http://www.spokaneaquifer.org)

An Electronic version of this and past years Consumer Confidence Report's can be found on our website at: [www.libertylake.org/ccr/ccr2017.pdf](http://www.libertylake.org/ccr/ccr2017.pdf)

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.

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level—Pump Stations							Likely Source of Contamination
				LLSWD			ESLLIC		Greenridge Estates		
				Mission	Kenny	Schultz	Valleyway	[Sprague]	Well #3	Greenridge	
<b>Microbiology</b>											
Total Coliform Bacteria				No Constituents Detected							
Fecal Coliform and E. Coli				No Constituents Detected							
120 Tests were taken for LLSWD during reporting period											
8 Tests were taken for ESLLIC											
14 Tests were taken for Greenridge											No Constituents Detected
<b>Inorganic Chemicals</b>											
Nitrates											Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for in 2017	ppm	10	10	0.230	1.240	0.399	1.50				
ESLLIC Tested for in 2017								N/A	0.150		
Greenridge Tested for in 2017										.310	
<b>Synthetic Organic Compounds</b>											
LLSWD Tested for in 2013				No Constituents Detected							(SOCs consist of Pesticides & Herbicides)
ESLLIC Tested for in 2012				No Constituents Detected							
Greenridge Tested for in 2013				No Constituents Detected							No Constituents Detected
<b>Volatile Organic Compounds</b>											
LLSWD Tested for in 2016				No Constituents Detected							
ESLLIC Tested for in 2016				No Constituents Detected							
Greenridge Tested for in 2016				No Constituents Detected							No Constituents Detected
<b>Radioactive Compounds</b>											
Radium 226 & 228				1.160							
Gross Alpha											
LLSWD Tested for in 2016				No Constituents Detected							
ESLLIC Tested for in 2016				No Constituents Detected							
Greenridge Tested for in 2016				No Constituents Detected							No Constituents Detected
<b>Lead &amp; Copper</b>											
30 Homes in LLSWD were tested in 2017 for Lead & Copper which is regulated at the customer’s tap.				Action Levels Not Exceeded							
10 Homes in ESLLIC were tested in 2017				Action Levels Not Exceeded							
5 Homes in Greenridge were tested in 2015				Action Levels Not Exceeded							Action Levels Not Exceeded
<b>Abbreviations</b>											
ND = Not Detected ppm = parts per million ppb = parts per billion AL = Action Level - concentrations of a constituent which, if exceeded, triggers treatment or other requirements											
MCL = Maximum Contaminant Level - regulatory trigger for public health protection MCLG = Maximum Contaminant Level Goal - non-enforceable public health goal											
LLSWD = Liberty Lake Sewer and Water District #1 ESLLIC = East Side Liberty Lake Improvement Club Greenridge = Green Ridge Estates											

<p><b>MCL's</b> 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.</p>	<p><b>Water Use Efficiency Rule and Annual Performance Reporting (LLSWD):</b></p> <p>Beginning January 22, 2008, water system plans submitted for review and approval through the WA 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, WA Department of Health, and also make the information available to the public.</p>	<p><b>The District through a public process has set a goal for 2015-2021:</b> <i>Keep annual water production increases at or below 1.6% over the next six years.</i></p> <ol style="list-style-type: none"> <li>1) Public Education and Outreach Program</li> <li>2) Free Indoor Conservation Fixtures</li> <li>3) Outdoor Irrigation Conservation Measures</li> <li>4) Service-Side Improvements (meter replacement, radio read installs)</li> <li>5) Development of a Water Re-Use Program</li> <li>6) Landscape Contractor Education and Outreach</li> </ol> <p><b>LLSWD Performance Report (January-December 2017):</b> *The District has tracked its total water produced and purchased</p>	<p>-Total Produced Water: 1,216,320,920 gallons -Authorized Consumption: 1,018,927,005 gallons</p> <p>*Evaluated and calculated any distribution system leakage -Distribution System Leakage: 12.9%</p> <p>*The District has implemented an Irrigation Sensor Incentive Program -Awarded: 55-Soil Sensors, 12-Rain Sensors (since 2009)</p> <p>*The District has provided Public Education and Outreach on water use efficiency. *Delivered educational materials on water use and efficiency -Direct and Bulk Mailings, Local Newspaper, Website, Bill Inserts</p> <p>*The District included the WUE annual performance report progress in the 2017 Consumer Confidence Report: June 29, 2018.</p>
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