



# Liberty Lake Sewer and Water District #1

Greenridge Homeowners Association

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

# 2018 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.

## Greenridge Homeowner's Association

Joseph Frett—President  
509.255.6276

Greenridge HOA's source well was taken offline  
2/16/18, to protect human health. Due to this, sched-  
uled 2018 source sampling was not completed.  
LLSWD provided water via emergency intertie for the  
remainder of 2018. LLSWD source sample results are  
representative of your water system for the 2018 re-  
porting period.

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level—Pump Stations					Greenridge	Likely Source of Contamination	
				LLSWD		Greenridge Estates					
				Mission	Kenny	Schultz	Valleyway	ES Well #3			
<b>Microbiology</b>											
Total Coliform Bacteria										Naturally present in the environment.	
Fecal Coliform and E. Coli											
120 Tests were taken for LLSWD during reporting period				No Constituents Detected							
12 Tests were taken for Greenridge				No Constituents Detected							
<b>Inorganic Chemicals</b>											
Nitrates	ppm	10	10	1.540	1.480	1.240	0.850	0.509	Well offline 2/16/18	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
LLSWD Tested for in 2018											
Greenridge Tested for in 2017											
<b>Synthetic Organic Compounds</b>											
LLSWD Tested for in 2013, 2018				No Constituents Detected							
Greenridge Tested for in 2013				Well offline 2/16/18							
<b>Volatile Organic Compounds</b>											
LLSWD Tested for in 2016, 2018				No Constituents Detected							
Greenridge Tested for in 2016				Well offline 2/16/18							
<b>Radioactive Compounds</b>											
Radium 226 & 228	pCi/L	5.0					0.1930			Erosion of natural deposits	
Gross Alpha	pCi/L	15.0					3.0			Erosion of natural deposits	
LLSWD Tested for in 2018											
Greenridge Tested for in 2016				Well offline 2/16/18							
<b>Lead &amp; Copper</b>											
30 Homes in LLSWD were tested in 2017 for Lead & Copper which is regulated at the customer's tap.				ppm							Action Levels Not Exceeded
5 Homes in Greenridge were tested in 2018											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 ELLIC = East Side Liberty Lake Improvement Club Greenridge = Green Ridge Estates											

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

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.

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 (LLSWD):**  
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.

The District through a public process has set a goal for 2015-2021: Keep annual water production increases at or below 1.6% over the next six years.  
1) Public Education and Outreach Program  
2) Free Indoor Conservation Fixtures  
3) Outdoor Irrigation Conservation Measures  
4) Service-Side Improvements (meter replacement, radio read installs)  
5) Development of a Water Re-Use Program  
6) Landscape Contractor Education and Outreach

**LLSWD Performance Report (January-December 2018):**  
\*The District has tracked its total water produced and purchased  
-Total Produced Water: 1,319,990,408 gallons  
-Authorized Consumption: 1,160,590,560 gallons  
\*Evaluated and calculated any distribution system leakage  
-Distribution System Leakage: 12.1%  
\*The District has implemented an Irrigation Sensor Incentive Program  
-Awarded: 60-Soil Sensors, 15-Rain Sensors (since 2009)  
\*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  
\*The District included the WUE annual performance report progress in the 2018 Consumer Confidence Report: June 28, 2019.

An Electronic version of this and past years Consumer Confidence Report's can be found on our website at: [www.libertylake.org/cr/cr2018.pdf](http://www.libertylake.org/cr/cr2018.pdf)