



Liberty Lake Sewer and Water District #1

YOUR TAP WATER  
IS SAFE TO DRINK!

2022 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  
<https://libertylake.org>

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

**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)**

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.

				Highest Detected Level—Pump Stations				
Parameter	Unit of Measure	MCL	MCLG	LLSWD				Likely Source of Contamination
				Mission	Kenny	Schultz	Valleyway	
<b>Microbiology</b>								
Total Coliform Bacteria				Naturally present in the environment.				
Fecal Coliform and E. Coli								
130 Tests were taken for LLSWD during reporting period				No Constituents Detected				
<b>Inorganic Chemicals</b>								
Nitrates	ppm	10	10	0.452	0.953	0.525	0.958	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for in 2022								
<b>Synthetic Organic Compounds</b>								
LLSWD Tested for in 2013, 2018, 2022				No Constituents Detected      Pesticides & Herbicides				
<b>Volatile Organic Compounds</b>								
LLSWD Tested for in 2016, 2018, 2022				No Constituents Detected      Erosion of natural deposits				
<b>Radioactive Compounds</b>								
Radium 226 & 228	pCi/L	5.0		1.59	0.042	1.48	0.1930	Erosion of natural deposits
Gross Alpha	pCi/L	15.0		3.0	3.0	3.0	3.0	Erosion of natural deposits
LLSWD Tested for in 2018 (VW), 2021 (all others)								
<b>Lead &amp; Copper</b>								
30 Homes in LLSWD were tested in 2020 for Lead & Copper which is regulated at the customer’s tap.				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   Greenridge = Green Ridge Estates								

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 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 2022-2028: Keep annual water production increases at or below 1.8% over the next six years.  
1) Service Side Improvements (meter replacement, radio read installs)  
2) Outdoor Irrigation—Smart Controls  
3) Education and Outreach—Public  
4) Indoor Water Use Reduction  
5) Development of a Water Re-Use Program  
6) Commercial/Municipal Efficiencies

**LLSWD Performance Report (January-December 2022):**  
\*The District has tracked its total water produced and purchased  
-Total Produced Water: 1,325,348,260 gallons  
-Authorized Consumption: 1,221,790,075 gallons  
\*Evaluated and calculated any distribution system leakage  
-Distribution System Leakage: 7.8%  
\*District has implemented an Irrigation Sensor Incentive Program  
-Awarded: 60-Soil Sensors, 15-Rain Sensors (since 2009)  
\*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  
\*District included the WUE annual performance report progress in the 2022 Consumer Confidence Report: June 30, 2023.

An Electronic version of this and past years Consumer Confidence Report's can be found on our website at: [www.libertylake.org/document/CCR2022](http://www.libertylake.org/document/CCR2022)