



# Liberty Lake Sewer and Water District #1

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

# 2023 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 detect-  
ed, the EPA has determined that your water IS SAFE at  
these levels.

EPA HOTLINE 1-800-426-4791

**MCL's** are set at very stringent  
levels. To understand the poss-  
ible health effects described  
from the many regulated con-  
stituents,  
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 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 2023):

- \*The District has tracked its total water produced and purchased
  - Total Produced Water: 1,422,423,300 gallons
  - Authorized Consumption: 1,315,730,017 gallons
- \*Evaluated and calculated any distribution system leakage—Distribution System Leakage: 7.5%
- \*District has implemented an Irrigation Sensor Incentive Program
  - Awarded: 64-Soil Sensors, 16-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 2023 Consumer Confidence Report: June 30, 2024.

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level—Pump Stations LLSWD				Likely Source of Contamination
				Mission	Kenny	Schultz	Valleyway	
<b>Microbiology</b>								
Total Coliform Bacteria Fecal Coliform and E. Coli								Naturally present in the environment.
130 Tests were taken for LLSWD during reporting period				No Constituents Detected				
<b>Inorganic Chemicals</b>								
Arsenic	ppb	10	0	3.0	2.9	1.0	1.8	Erosion of natural deposits; Runoff from orchards; Runoff from glass and electronics production wastes
Nitrates	ppm	10	10	1.130	0.977	0.775	0.537	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for Nitrates in 2023								
<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>								
Copper	ppm		1.3	0.136 (90th Percentile of all samples)				Corrosion of household plumbing systems; Erosion of natural deposits
Lead	ppb		0	0.00146 (90th Percentile of all samples)				
30 Homes in LLSWD were tested in 2023 for Lead & Copper which is regulated at the customer’s tap.								

### [Abbreviations]

**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

An Electronic version of this and past years Consumer Confidence Report's can be found on our website at: [www.libertylake.org/document/CCR2023](http://www.libertylake.org/document/CCR2023)