Liberty Lake Sewer and Water District #1

YOUR TAP WATER IS SAFE TO DRINK!

2024 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

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.

EPA HOTLINE 1-800-426-4791

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.

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level—Pump Stations LLSWD: Mission	Kenny	Schultz	Valleyway	Likely Source of Contamination
Microbiology								
Total Coliform Bacteria Fecal Coliform and E. Coli								Naturally present in the environment.
124 Tests were taken for **LLSWD** during reporting period				No Constituents Detected				
Inorganic Chemicals								
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	1.05	0.932	0.605	0.609	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for Nitrates in 2024								
Synthetic Organic Compounds								
LLSWD Tested for in 2013, 2018, 2022				No Constituents Detected				Pesticides & Herbicides
Volatile Organic Compounds								
LLSWD Tested for in 2016, 2018, 2022				No Constituents Detected				Erosion of natural deposits
Radioactive Compounds								
Radium 226 & 228	pCi/L	5.0		ND	ND	ND	ND	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 2021 (K), 2024 (VW,M,S)								
Lead & Copper								
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/CCR2024

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 2024):

*The District has tracked its total water produced and purchased
-Total Produced Water: 1,480,078,500 gallons
-Authorized Consumption: 1,369,893,908 gallons
*Evaluated and calculated any distribution system leakage—-Distribution System Leakage: ***7.4%***
*District has implemented an Irrigation Sensor Incentive Program
-Awarded: 65-Soil Sensors, 20-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 2024 Consumer Confidence Report: June 27, 2025.

PFAS Testing Results:

LLSWD is happy to report that we have sampled all of our source wells for PFAS and associated compounds multiple times and those samples came back non-detect (ND). This means that you can currently trust that the water you receive from our system as being safe and PFAS-free! We continue to diligently monitor and protect the water we provide to our customers, as this is our highest-priority.

If you would like to see information about where PFAS has been found statewide, Washington State Department of Health has a dashboard which you can use. This is kept up-to-date, as more samples are collected.

https://doh.wa.gov/data-and-statistical-reports/washington-tracking-network-wtn/pfas/dashboard