



Liberty Lake Sewer and Water District #1

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

2021 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
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Liberty Lake, WA 99019

BiJay Adams—General Manager
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<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 detect-
ed, 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				
				Mission	Kenny	Schultz	Valleyway	
Microbiology								
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				
Inorganic Chemicals								
Nitrates	ppm	10	10	1.4	1.12	0.8390	0.650	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for in 2021								
Synthetic Organic Compounds								
LLSWD Tested for in 2013, 2018				No Constituents Detected				Pesticides & Herbicides
Volatile Organic Compounds								
LLSWD Tested for in 2016, 2018				No Constituents Detected				Erosion of natural deposits
Radioactive Compounds								
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)								
Lead & Copper								
30 Homes in LLSWD were tested in 2020 for Lead & Copper which is regulated at the customer’s tap.		ppm		Action Levels Not Exceeded				
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								
LLSWD = Liberty Lake Sewer and Water District #1 Greenridge = Green Ridge Estates								

An Electronic version of this and past years Consumer Confidence Report’s can
be found on our website at:
www.libertylake.org/document/CCR2021

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 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 2021):

- *The District has tracked its total water produced and purchased
-Total Produced Water: 1,542,070,200 gallons
-Authorized Consumption: 1,433,934,063 gallons
- *Evaluated and calculated any distribution system leakage
-Distribution System Leakage: 7.01%
- *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 2021 Consumer Confidence Report: June 30, 2022.