

Liberty Lake Sewer and Water District No. 1

Annual Drinking Water Quality Report For Year 2001

Mandatory Health-Related Standards Are Established by the Washington State Department of Health

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level					Likely Source of Contamination
				Mission	Kenney	Pump Station Schultz	Sprague	East Side	
Microbiology									
62 Tests were taken during this reporting period									
Total Coliform Bacteria	Presence in 5% of monthly samples		0	ND	ND	ND	ND	See Note*	Naturally present in the environment.
Fecal Coliform and E. Coli	A routine sample and repeat sample are total coliform positive, and one is fecal or E.coli positive		0	No Constituents Detected					
Inorganic Chemicals									
Nitrate/Nitrites were the only constituents that were analyzed in 2001 at Mission & Kenney wells. Full tests were taken at Sprague & Schultz.									
Nitrate	ppm	10	10	0.7	0.7	0.8	1.81	0.6	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Synthetic Organic Compounds									
Sampling for EDB's was completed on Mission & Kenney wells. Full tests were conducted on Schultz well in 2001.									
Volatile Organic Compounds									
Full tests were conducted on Sprague well in 2001.									
Radioactive Compounds									
2 Analytes were tested for									
Lead and Copper Regulated at the Customers Tap									
10 Homes were tested									
Action Levels Not Exceeded									

Abbreviations

ND= Not Detected
 ppm = parts per million
 ppb = parts per billion
 pCi/L = picocuries per liter
 (a measure of radioactivity)

AL = Action Level - concentrations of a constituent which, if exceeded, triggers treatment or other requirements

Notes

Maximum Contaminant Level or MCL:The highest level of a contaminant that is allowed in drinking water.

Maximum Contaminant Level Goal or MCLG:The level of a contaminant in drinking water below which there is no known or expected risk to health.

Treatment Technique or TT: A required process intended to reduce the level of a contaminant in drinking water.

Federal Action Level:The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

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.

Coliforms are bacteria that are naturally present in the environment and are used as an indicator that other, potentially-harmful, bacteria may be present. Coliforms were found in more samples than allowed and this was a warning of potential problems.

As you can see by the table, system had no violations above allowed Maximum Contaminant Levels. We're proud that your drinking water meets or exceeds all Federal and State requirements and although we have learned through our monitoring and testing that some constituents have been detected, the EPA determined that your water is SAFE at these levels.

YOUR TAP WATER
IT'S SAFE TO DRINK!

From Your Water Utility

Liberty Lake Sewer and Water District No. 1
 22510 East Mission Avenue
 Liberty Lake, WA 99019
 ph: (509) 922-5443

Contact Person: F. Lee Mellish
 General Manager

Regular Scheduled Commission Board Meetings are held every third Thursday of the month at 7:00 p.m.

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 water sources, which are the heart of our community, our way of life and our children's future.

*Note: Presence of coliform bacteria was found during routine sampling in late 2001, repeat samples were satisfactory. This system had one nonacute violation of the Coliform Rule in the month of December. We constantly monitor for various constituents in the water supply to meet all regulatory requirements. This past year we had one nonacute violation of the Coliform Rule. This does not pose a threat to the quality of our water supply.

East Side Liberty Lake Improvement Club
 Denise Coyle, Manager
 255-6837