

# Liberty Lake Sewer and Water District No. 1

## Annual Drinking Water Quality Report For Year 2000

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	
<b>Microbiology</b>									
60 Tests were taken during this reporting period									
Total Coliform Bacteria		Presence in 5% of monthly samples	0	See *Note	See *Note	See *Note	See *Note	ND	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					
<b>Inorganic Chemicals</b>									
28 Inorganic Chemicals have been tested for									
Copper	ppm	AL=1.3	1.3	ND	ND	0.29	ND	ND	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	ppb	AL=15	0	ND	ND	0.703**	ND	ND	Corrosion of household plumbing systems, erosion of natural deposits
Nitrate	ppm	10	10	0.6	0.7	0.7	0.86	<0.5	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
<b>Synthetic Organic Compounds</b>									
32 Synthetic Organic Chemicals have been tested									
No Constituents Detected									
<b>Volatile Organic Compounds</b>									
22 Volatile Organic Chemicals have been tested									
No Constituents Detected									
<b>Radioactive Compounds</b>									
2 Analytes were tested for									
No Constituents Detected									
<b>Lead and Copper Regulated at the Customers Tap</b>									
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 mesure of radioactivity)

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

**Notes**

<b>Maximum Contaminant Level or MCL:</b> The highest level of a contaminant that is allowed in drinking water.
<b>Maximum Contaminant Level Goal or MCLG:</b> The level of a contaminant in drinking water below which there is no known or
<b>Treatment Technique or TT:</b> A required process intended to reduce the level of a
<b>Federal Action Level:</b> 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.

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.

As you can see by the table, our system had no violations above the 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 has 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 Comissioner Board Meetings are held every third Thursday of the month at 7:30 p.m.

**Note:** Liberty Lake Sewer & Water District customers refer to Mission, Kenny, Schultz & Sprague Pump Station columns for highest detected level. East Side Liberty Lake Improvement Club customers refer to East Side Pump Station column for highest detected levels. Under emergency situations, East Side Liberty Lake Improvement Club customers receive water from Liberty Lake Sewer & Water District.

**\*Note:** 1 routine test and 3 resamples tested positive. Corrective actions include disinfection & flushing until resampling results were satisfactory.

**\*\*Note:** Follow-up quarterly tests showed no detection of lead. Original detection is considered a lab or sampling error.

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