

Liberty Lake Sewer and Water District No. 1

Annual Drinking Water Quality Report For Year 2005

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

Parameter Measure	Unit of Measure	MCL	MCLG	Highest Detected Level							Likely Source of Contamination
				Mission	Kenney	Schultz	Pump Station LLSWD Sprague	Greenridge	ESLLIC Sprague	ESLLIC Valleyway	
Microbiology											
60 Tests were taken during this reporting period for LLSWD 12 Tests were taken for Greenridge 12 Tests were taken for ESLLIC.				No Constituents Detected No Constituents Detected							
Total Coliform Bacteria	Presence in 5% of monthly samples		0								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	ppm	10	10	0.5	0.6	0.6	0.6	<0.5	0.5	<0.5	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Schultz, Sprague & Kenney wells tested in 2003 ESLLIC Valleyway & Sprague wells tested in 2003. No testing required on Greenridge in 2004.											
Synthetic Organic Compounds											
No testing required on LLSWD wells in 2005. ESLLIC tested Valleyway well in 2003. 10 Synthetic Organic samples tested for Greenridge in 2004.				No Constituents Detected No Constituents Detected							
Volatile Organic Compounds											
Kenney and Mission wells tested in 2003. ESLLIC Valleyway well tested in 2003. Greenridge well tested in 2003.				No Constituents Detected No Constituents Detected No Constituents Detected							
Radioactive Compounds											
2 Analytes were tested for Kenney, Mission and Schultz wells tested in 2005. ESLLIC wells tested in 2003.				No Constituents Detected No Constituents Detected							
Lead and Copper Regulated at the Customers Tap											
20 Homes in LLSWD & 6 homes in Greenridge were tested in 2003. 10 Homes in ESLLIC were tested in 2005.				Action Levels Not Exceeded Action Levels Not Exceeded							

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!

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

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

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 health risk.

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.

* 3 Routine tests and 2 repeat tests were unsatisfactory.
** System repaired, disinfected & flushed. Subsequent samples were satisfactory.

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.

From Your Water Utility
Liberty Lake Sewer and Water District No. 1
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Contact Person: F. Lee Mellish
General Manager

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

*Note: Presence of coliform bacteria was found during routine sampling in October 2005. This system had one nonacute violation of the Coliform Rule in the month of October. 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.