

Liberty Lake Sewer and Water District No. 1

Annual Drinking Water Quality Report For Year 2007

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	Schultz	Pump Station LLSWD Sprague	Greenridge	ESLLIC Sprague		ESLLIC Valleyway	
Microbiology												
72 Tests were taken during this reporting period for LLSWD 12 Tests were taken for Greenridge 12 Tests were taken for ESLLIC.												
Total Coliform Bacteria	Presence in 5% of monthly samples		0	No Constituents Detected						*	*	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	1.31	1.36	0.83	3.96	<0.5	ND	0.5	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	
Schultz, Sprague, Kenney, & Mission wells tested in 2007 ESLLIC Valleyway wells tested in 2003, Sprague in 2007.												
Greenridge well tested in 2007												
Synthetic Organic Compounds												
No testing required on LLSWD wells in 2006. ESLLIC tested Valleyway well in 2003. 10 Synthetic Organic samples tested for Greenridge in 2004. Sampling for EDB's was completed for Greenridge on 7/30/07												
Volatile Organic Compounds												
Kenney, Mission, Sprague & Schultz wells tested in 2006. ESLLIC Valleyway well tested in 2003. Greenridge well tested in 2006.												
Radioactive Compounds												
2 Analytes were tested for Mission and Schultz wells tested in 2005, Kenney in 2007. ESLLIC wells tested in 2007. Greenridge well tested in 2006.												
Lead and Copper Regulated at the Customers Tap												
20 Homes in LLSWD were tested in 2006. 10 Homes in ESLLIC were tested in 2005. 6 Homes in Greenridge were tested in 2006.												

This system had one nonacute violation of the Coliform Rule in the month of August.

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.

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.

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

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.

Water Use Efficiency Rule and Annual Performance Reporting:

Beginning January 22, 2008, water system plans submitted for review and approval through the 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, Department of Health, and also make the information available to the public.

The District through a public process has set four goals: 1) Per Capita Consumption, 2) Outdoor Irrigation Reduction Program, 3) Develop a Water Re-Use Program and 4) Public Education and Outreach Program.

Performance Report (since January 2008): *The District has tracked its total water produced and purchased, *Evaluated and calculated any distribution system leakage, *Held workshops and delivered educational material on water use and efficiency, *The District has worked toward developing a *Water Re-Use Program*, *The District has implemented components of its *Outdoor Irrigation Reduction Program*, *The District has provided Public Education and Outreach on water use efficiency.

**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.**

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

***Note:** Presence of coliform bacteria was found during routine sampling. 4 repeats samples were satisfactory. This system had one nonacute violation of the Coliform Rule in the month of August. 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.

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. Greenridge customers refer to Greenridge column. Under emergency situations, East Side Liberty Lake Improvement Club and Greenridge customers receive water from Liberty Lake Sewer & Water District.

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