



“Serving People and the Environment”

**Your Water Utility**

Liberty Lake Sewer and Water District #1  
22510 E Mission Ave  
Liberty Lake, WA 99019

Bijay Adams—General Manager  
509.922.5443  
www.libertylake.org

Board of Commissioner’s Meetings are held the second Monday of every month at 4:00 pm.

**East Side Liberty Lake Improvement Club (ESLLIC)**  
Denise Coyle—Manager  
509.255.6837

**Greenridge Homeowner’s Association**  
Joseph Frett—President  
509.255.6276

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](http://www.spokaneaquifer.org)

An Electronic version of this and past years Consumer Confidence Report's can be found on our website at: [www.libertylake.org/ccr/ccr2016.pdf](http://www.libertylake.org/ccr/ccr2016.pdf)

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.

**Liberty Lake Sewer and Water District #1**

East Side Liberty Lake Improvement Club  
Greenridge Homeowners Association

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

**2016 Annual Drinking Water Quality Report**

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

Parameter	Unit of Measure	MCL	MCLG	Highest Detected Level—Pump Stations				Greenridge Estates	Likely Source of Contamination
				Mission	Kenny	Schultz	Valleyway		
<b>Microbiology</b>									
Total Coliform Bacteria				No Constituents Detected					
Fecal Coliform and E. Coli				No Constituents Detected					
120 Tests were taken for LLSWD during reporting period									
12 Tests were taken for ESLLIC									
12 Tests were taken for Greenridge									
<b>Inorganic Chemicals</b>									
Nitrates									Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
LLSWD Tested for in 2016	ppm	10	10	0.730	.869	0.560	1.190		
ESLLIC Tested for in 2016							0.493	0.584	
Greenridge Tested for in 2016								.300	
<b>Synthetic Organic Compounds</b>									
LLSWD Tested for in 2013				No Constituents Detected					
ESLLIC Tested for in 2012				No Constituents Detected					
Greenridge Tested for in 2013				No Constituents Detected					
<b>Volatile Organic Compounds</b>									
LLSWD Tested for in 2016				No Constituents Detected					
ESLLIC Tested for in 2016				No Constituents Detected					
Greenridge Tested for in 2014				No Constituents Detected					
<b>Radioactive Compounds</b>									
Radium 226 & 228				1.160					
Gross Alpha				No Constituents Detected					
LLSWD Tested for in 2016				No Constituents Detected					
ESLLIC Tested for in 2016				No Constituents Detected					
Greenridge Tested for in 2016				No Constituents Detected					
<b>Lead &amp; Copper</b>									
20 Homes in LLSWD were tested in 2015 for Lead & Copper which is regulated at the customer’s tap.									
10 Homes in ESLLIC were tested in 2014									
5 Homes in Greenridge were tested in 2015									
				Action Levels Not Exceeded					
				Action Levels Not Exceeded					
				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 ESLLIC = East Side Liberty Lake Improvement Club Greenridge = Green Ridge Estates

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 (LLSWD):**  
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.

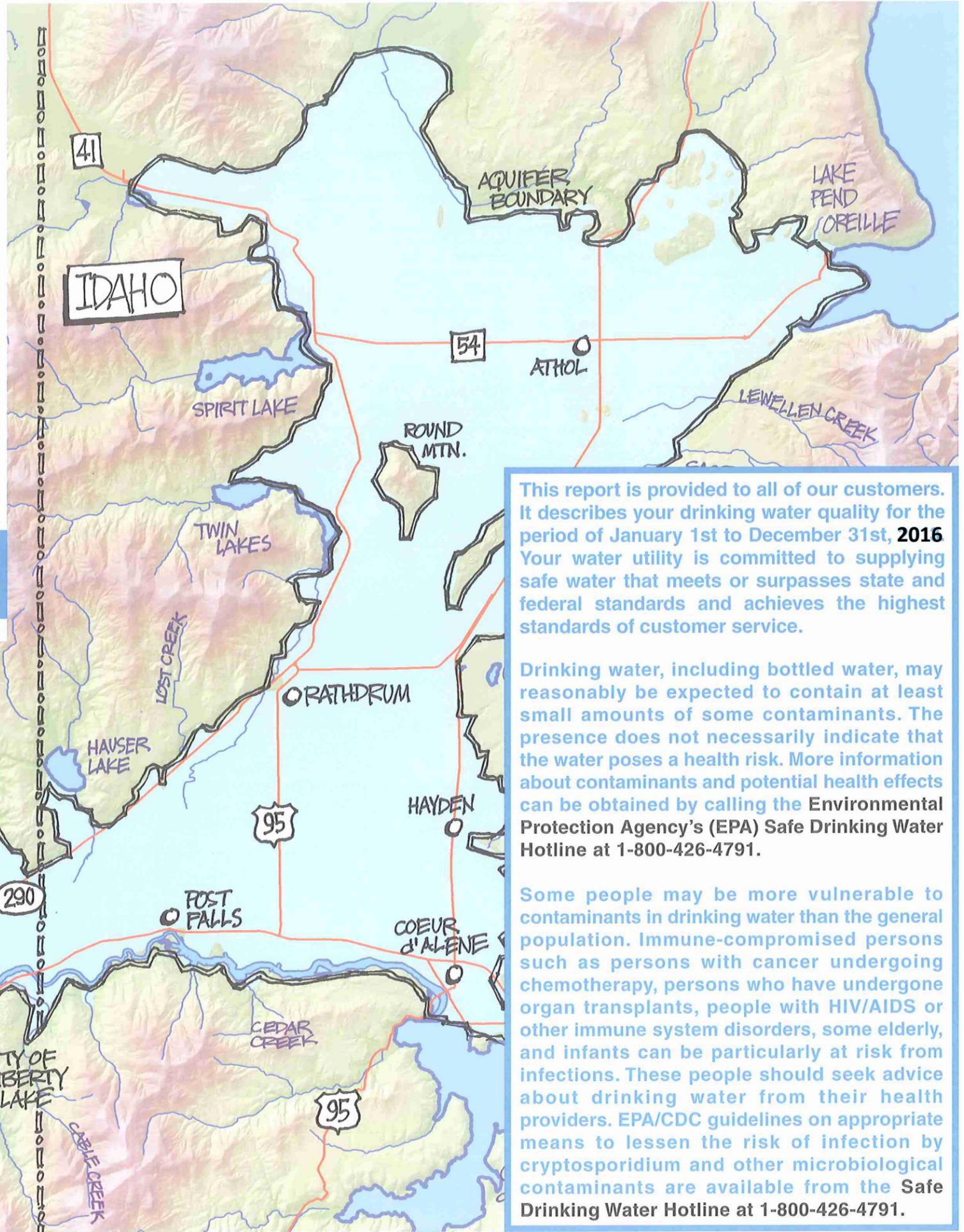
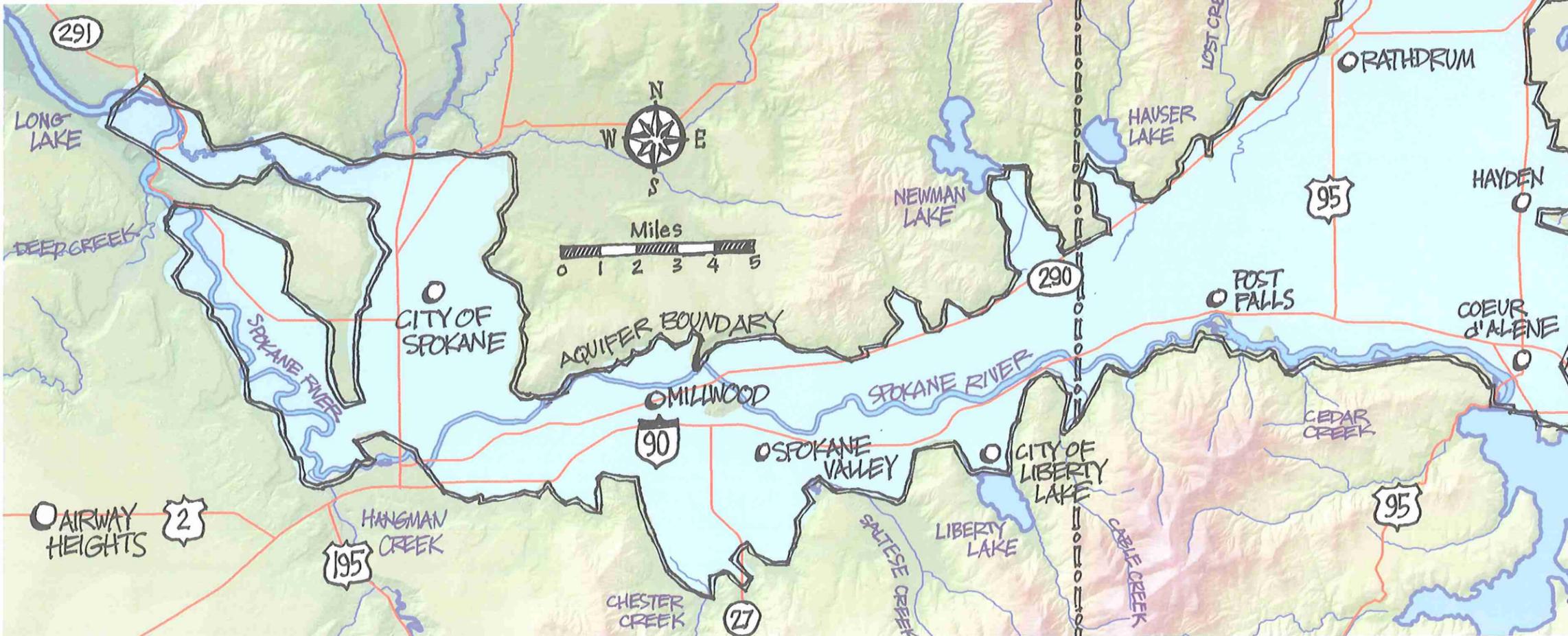
**The District through a public process has set a new goal for 2015-2021:**  
Keep annual water production increases at or below 1.6% over the next six years.  
1) Public Education and Outreach Program  
2) Free Indoor Conservation Fixtures  
3) Outdoor Irrigation Conservation Measures  
4) Service-Side 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 2016):**  
\*The District has tracked its total water produced and purchased

-Total Produced Water: 1,174,940,388 gallons  
-Authorized Consumption: 1,038,158,102 gallons  
\*Evaluated and calculated any distribution system leakage  
-Distribution System Leakage: 11.6%  
\*The District has implemented an Irrigation Sensor Incentive Program  
-Awarded: 50-Soil Sensors, 10-Rain Sensors (since 2009)  
\*The 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  
\*The District included the WUE annual performance report progress in the 2016 Consumer Confidence Report; June 2017.

MEMBER SPOKANE  
AQUIFER JOINT  
BOARD



# Your Annual Water Quality Report



This report is provided to all of our customers. It describes your drinking water quality for the period of January 1st to December 31st, **2016**. Your water utility is committed to supplying safe water that meets or surpasses state and federal standards and achieves the highest standards of customer service.

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's (EPA) Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immune-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline at 1-800-426-4791.