East Spokane Water District #1

2017 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 Station Coleman	Thierman	Elizabeth	Park	Likely Source of Contamination
Microbiology								
60 Tests were taken during this reporting period								
Total Coliform Bacteria				No Constituents Detected				Naturally present in the environment
Fecal Coliform and E. Coli				No Constituents Detected				
Inorganic Chemicals				Dates of Sampling: March and November, 2016				
Nitrate	PPM	10	10	See Note	1.64	1.21	1.22	Run off from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Synthetic Organic Compounds								
Tested March, June, August 2017				Not Detected				
Volatile Organic Compounds								
Tested March, June,August,Sept, Dec 2017				Not Detected				
Lead and Copper								
Regulated at the Customer's Tap				Did not need to test in 2017				Lead & Copper: Corrosion of household plumbing systems;
20 Homes Tested For Lead & Copper -September 21, 2015								
Radionuclides								
Tested March 2017				Gross Alpha <3		Radium 228 -0.105		

As you can see by the table, the Coleman Pump was not tested for Nitrates in 2017. In May of 2018, the sample was tested- results were 2.99

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.

LEAKS ARE COSTLY

Leak Rate in GPM	Length of Leak	Total Gallons Lost
500 gpm	4 hours	120,000
200 gpm	2 days	576,000
50 gpm	4 days	288,000
10 gpm	45 days	648,000
5 gpm	100 days	720,000

LEAKS ARE COSTLY

Leak Rate in GPM	Length of Leak	Total Cubic Feet Lost
200 gpm	2 days	77,011
50 gpm	4 days	38,506
10 gpm	45 days	86,638
5 gpm	100 days	96,264

Abbreviations

NS = Not Sampled

ND = Not Detected

PPM = Parts Per Million

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.

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.

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

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

We at East Spokane Water District No. 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 is the heart of our community, our way of life and our children's future.

From Your Water Utility

East Spokane Water District #1

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Spokane Valley, WA 99212

Phone: (509) 926-6072

Contact Person: Jeffrey L. Eschliman

District Manager

Regular Scheduled Board Meetings are held

4:30 p.m. the first Tuesday of every month.