

East Spokane Water District #1

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 | | | Likely Source of Contamination |
|---|-----------------|-----|------|---------------------------|----------------------------|-----------------|--|
| | | | | 8 th & Coleman | 8 th & Thierman | 2nd & Elizabeth | |
| Microbiology | | | | | | | |
| 60 Tests were taken during this reporting period | | | | | | | |
| Total Coliform Bacteria | | | | | | | |
| Fecal Coliform and E. Coli | | | | | | | |
| No Constituents Detected | | | | | | | |
| No Constituents Detected | | | | | | | |
| Naturally present in the environment | | | | | | | |
| Inorganic Chemicals | | | | | | | |
| Dates of Sampling: March and November, 2016 | | | | | | | |
| Nitrate | PPM | 10 | 10 | 2.63 | 2.53 | NS | Run off from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits |
| Synthetic Organic Compounds | | | | | | | |
| Tested on October 17, 2016 | | | | | | | |
| Not Detected | | | | | | | |
| Volatile Organic Compounds | | | | | | | |
| Tested on August 17, 2016 | | | | | | | |
| Not Detected | | | | | | | |
| Lead and Copper | | | | | | | |
| Regulated at the Customer's Tap | | | | | | | |
| 20 Homes Tested For Lead & Copper -September 21, 2015 | | | | | | | |
| Did not need to test in 2016 | | | | | | | |
| Lead & Copper: Corrosion of household plumbing systems; | | | | | | | |
| Radionuclides | | | | | | | |
| Tested May and November 2016 | | | | | | | |
| -1.95 | | | | | | | |
| <1 | | | | | | | |

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.

Unrepaired Leaks can be COSTLY Water Loss in Cubic Feet

| Leak this Size | Loss Per Day | Loss per Month |
|----------------|--------------|----------------|
| ● | 16 | 481 |
| ● | 48 | 1,444 |
| ● | 93 | 2,780 |
| ● | 160 | 4,813 |
| ● | 256 | 7,701 |
| ● | 414 | 12,418 |
| ● | 574 | 17,231 |

Water Loss in Gallons

| Leak this Size | Loss Per Day | Loss per Month |
|----------------|--------------|----------------|
| ● | 120 | 3,600 |
| ● | 360 | 10,800 |
| ● | 693 | 20,790 |
| ● | 1,200 | 36,000 |
| ● | 1,920 | 57,600 |
| ● | 3,096 | 92,880 |
| ● | 4,296 | 128,880 |

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

Abbreviations

NS = Not Sampled
ND = Not Detected
PPM = Parts Per Million

Notes

Maximum Contaminant Level or MCL: The highest level of a contaminant that is allowed 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.

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.

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.