

Modern Electric Water Company

Modern is committed to being a leader in providing our community and customers with traditional and innovative utility services. Modern is proud of its service record and is staffed with courteous and knowledgeable water professionals who are dedicated to meeting your needs. We strive to improve upon the quality of services we provide to you, our valued customer.

This Drinking Water Report is Modern's annual update on the quality and safety of its water. The report includes water quality monitoring results performed on Modern's water system, in accordance with state and federal regulations. The testing period for this report is from January 1 to December 31, 2022. The report also provides access to references and telephone numbers to source water assessments, to health effects data, and to additional information about Modern's water system. This information allows you to make personal health-based decisions regarding your drinking water consumption. We hope you find the information helpful.

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

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-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 from their health care providers about their drinking water. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).



Your Tap Water Is Safe to Drink

MODERN'S WATER QUALITY COMMITMENT

You can count on us to ...

- Provide you with the highest quality water possible.
- Sample, test and treat your water on a regular basis.
- Work diligently to meet every water quality standard.
- Maintain water distribution system reliability.
- Provide you with a high level of customer service.

Contact Information:

Washington State Department of Health
Eastern Regional Office
River View Corporate Center
16201 East Indiana Avenue, Suite 1500
Spokane Valley, WA 99216
(509) 329-2100
[Http://www.doh.wa.gov](http://www.doh.wa.gov)

Water Superintendent Jason Beesley
Modern Electric Water Company
904 North Pines Road
Spokane Valley, WA 99206
(509) 928-4540
ModernElectricWater.com



2022 Annual Drinking Water Report



MODERN
Electric Water Company
reliably serving the Spokane Valley since 1905

Modern Electric Water Company

Year 2022 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
				S02	S03	S04	S06	S07	S08	S09	S011	
Microbiology												
251 Bacteriological Tests were taken during 2022	Presence / Absence											
Total Coliform Bacteria				0								Indicator Organism
Fecal Coliform and E. Coli		%	5%	0	No Constituents Detected							
Inorganic Chemicals												
Sample Results Within Last 5 Years												
Arsenic	ppb	10	0	1.4	1.2	1.4	3.1	1.6	3.4	2.00	1.5	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes
Nitrate	ppm	10	10	0.77	0.68	0.84	1.17	0.55	0.96	0.88	0.85	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Synthetic Organic Compounds												
Sample Results Within Last 5 Years												
	ppm	Various		No Constituents Detected								Organic chemical contaminants, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production, and can also come from gas stations, urban stormwater runoff, and septic systems
Volatile Organic Contaminants												
Sample Results Within Last 5 Years												
TTHMs [Total Trihalomethanes]	ppb	80	NA	0.2								Elongated chlorination of organic matter
HAA5 [Haloacetic Acids]		60	NA	1								Disinfected water
Lead and Copper - Customer's Tap												
30 Tests Were Taken During 2022				90th Percentile								
Copper	ppm	1.3	1.3	0.023								Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
Lead	ppb	15	0	0.36								Corrosion of household plumbing systems; erosion of natural deposits
Radioactive Compounds												
Gross Alpha	pCi/L	15	0	<3	<3	<3	<3	<3	<3	<3	<3	Erosion of natural deposits
Radium 228	pCi/L	5	0	<0.2	<0.19	0.7	0.3	1.4	2.3	1.1	<1	Erosion of natural deposits

Abbreviations

ND = Not Detected At Testing Limit

NA = Not Applicable

ppm = Parts Per Million or Milligrams Per Liter

ppb = Parts Per Billion or Micrograms Per Liter

pCi/Liter = PicoCuries Per Liter

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.

Action Level, or AL:

The concentration of a contaminant which, if exceeded, triggers treatment or other requirements that a water system must follow.

Test results are for calendar year 2022. Modern Electric Water Company employees work hard to ensure you have an abundant, clean supply of water. We ask that you help us protect our water sources, which are at the heart of our community, our way of life and our children's future.

Please dispose of all waste oil, antifreeze, vehicle batteries, pesticides, paints, gasoline, cleaners & household hazardous waste at the following disposal sites:

Valley Transfer Station - 3941 North Sullivan Rd (weekends only)

North Transfer Station - 22123 Elk-Chattaroy Rd (weekends only)

Waste to Energy Facility - 2900 South Geiger Boulevard

Disposal is free for residential customers. Materials must be in leak-proof containers with contents labeled on the outside. No containers larger than 5 gallons will be accepted. For more information, call the recycling hotline at (509) 477-6800

Your Tap Water Is Safe to Drink

The table to the left lists all drinking water contaminants that were detected within the last 5 years. The presence of these contaminants in water does not necessarily indicate that the water poses a health risk. The state requires monitoring for certain contaminants less than once a year because the concentrations of these contaminants are expected to vary significantly from year to year. Some data, though representative of the water quality, is more than 1 year old.

As you can see in the table to the left, our system had no violations above the allowed Maximum Contaminant Levels for your drinking water.

We are 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 your water **IS SAFE** at these levels.

From Your Water Utility:

Modern Electric Water Company
904 North Pines Road
Spokane Valley, WA 99206
(509) 928-4540

Contact Person:

Jason Beesley, Water Superintendent

Board of Directors meetings are held on the fourth Wednesday of every month at 3 p.m.