

Modern Electric Water Company

Year 2007 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								Likely Source of Contamination
				SO2	SO3	SO4	SO6	SO7	SO8	SO9	SO11	
Microbiology												
120 Bacteriological Tests were taken during 2007												
Total Coliform Bacteria												
Fecal Coliform and E. Coli												
Inorganic Chemicals												
Sample Results Within Last 5 Years												
Arsenic	ppb	10	NA	4	ND	2	3	ND	3	ND	ND	Erosion of natural deposits; runoff from orchards; runoff from glass and electronics production wastes Corrosion of household plumbing systems, erosion of natural deposits Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Lead	ppb	AL=15	0	3	2	3	2	8	ND	3	ND	
Nitrate	ppm	10	10	0.89	0.91	0.91	1.19	0.67	0.88	1.39	0.80	
All other EPA regulated Inorganic Chemicals Non-Detect												
Synthetic Organic Compounds												
Sample Results Within Last 5 Years												
Volatile Organic Compounds												
Sample Results Within Last 5 Years												
TTHMs [Total Trihalomethanes]		80	NA	No Constituents Detected								
HAA5 [Haloacetic Acids]		48	NA	No Constituents Detected								
Lead and Copper Regulated at the Customer's Tap												
30 Tests Were Taken During 2007												
Copper	ppm	AL=1.3	1.3	90th Percentile				0.2				Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives Corrosion of household plumbing systems, erosion of natural deposits
Lead	ppb	AL=15	0					0.002				
Radioactive Compounds												
Gross Alpha and Gross Beta Were Analyzed 2007												
Gross Alpha	pCi/L	15	0	ND	ND	ND	ND	ND	ND	ND	ND	Erosion of natural deposits
Gross Beta	pCi/L	50	0	ND	ND	ND	ND	ND	ND	ND	ND	Erosion of natural deposits
Combined Radium	pCi/L	5	0	No Constituents Detected								

The table to the left lists all the drinking water contaminants that were detected during the 2007 year or within the last five years. The presence of these contaminants in the 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 one year old.

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

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.

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 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.

The Test Results shown above are for the Calendar Year 2007. Your employees of Modern Electric Water Company work hard every day to ensure an abundant and clean supply of water for your family. 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.

Modern Electric Water Company's Board of Directors has set a Conservation Goal to reduce total production by twenty-five million gallons of water over the next six years. Conservation plans include a leak detection program, meter testing and repair and public education/awareness. Please help us attain this goal.

**Protect your
Spokane Aquifer.**

**Please don't pour
unwanted
chemicals on the
ground.**

**YOUR TAP
WATER**

**IT'S SAFE TO
DRINK!**

From Your Water Utility
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Regular Scheduled Board Meetings are held
every third Tuesday of the month at 5:30 p.m.