

**Testing Results for: LEAVENWORTH CO RWD 8**

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2018	9	8.6	ppb	60	0	By-product of drinking water disinfection
TTHM	2018	19	19	ppb	80	0	By-product of drinking water chlorination

Lead and Copper	Monitoring Period	90 <sup>th</sup> Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2015 - 2017	0.013	0.0031 - 0.015	ppm	1.3	0	Corrosion of household plumbing

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Your water system is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at <http://www.epa.gov/safewater/lead>.

During the 2018 calendar year, we had no violation(s) of drinking water regulations.

Some or all of our drinking water is supplied from another water system. The table below lists all of the drinking water contaminants, which were detected during the 2018 calendar year from the water systems that we purchase drinking water from.

Regulated Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	MCL	MCLG	Typical Source
ARSENIC	4/10/2018	LEAVENWORTH WATER DEPT	1.3	1.3	ppb	10	0	Erosion of natural deposits
ATRAZINE	6/5/2018	LEAVENWORTH WATER DEPT	0.71	0.71	ppb	3	3	Runoff from herbicide used on row crops
BARIUM	4/10/2018	LEAVENWORTH WATER DEPT	0.032	0.024 - 0.032	ppm	2	2	Discharge from metal refineries
FLUORIDE	1/9/2018	LEAVENWORTH WATER DEPT	0.86	0.27 - 0.86	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
NITRATE	4/10/2018	LEAVENWORTH WATER DEPT	3.1	0.39 - 3.1	ppm	10	10	Runoff from fertilizer use
NITRATE-NITRITE	4/10/2018	LEAVENWORTH WATER DEPT	0.99	0.99	ppm	10	10	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
NITRITE	4/10/2018	LEAVENWORTH WATER DEPT	0.14	0.14	ppm	1	1	Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits
SELENIUM	4/10/2018	LEAVENWORTH WATER DEPT	3.3	3.3	ppb	50	50	Erosion of natural deposits

Secondary Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	SMCL
ACETOCHLOR	6/5/2018	LEAVENWORTH WATER DEPT	0.16	0.16	UG/L	
ALKALINITY, TOTAL	4/10/2018	LEAVENWORTH WATER DEPT	70	59 - 70	MG/L	300
ALUMINUM	4/10/2018	LEAVENWORTH WATER DEPT	0.16	0.011 - 0.16	MG/L	0.05
CALCIUM	4/10/2018	LEAVENWORTH WATER DEPT	48	11 - 48	MG/L	200
CHLORIDE	4/10/2018	LEAVENWORTH WATER DEPT	29	19 - 29	MG/L	250
CONDUCTIVITY @ 25 C UMHOS/CM	4/10/2018	LEAVENWORTH WATER DEPT	590	450 - 590	UMHO/CM	1500
CORROSIVITY	4/10/2018	LEAVENWORTH WATER DEPT	1.1	0.7 - 1.1	LANG	0
HARDNESS, TOTAL (AS CaCO3)	4/10/2018	LEAVENWORTH WATER DEPT	170	120 - 170	MG/L	400
MAGNESIUM	1/2/2018	LEAVENWORTH WATER DEPT	27	3.1 - 27	MG/L	150
METOLACHLOR	6/5/2018	LEAVENWORTH WATER DEPT	0.46	0.46	ppb	
PH	4/10/2018	LEAVENWORTH WATER DEPT	9.4	9.2 - 9.4	PH	8.5
PHOSPHORUS, TOTAL	4/10/2018	LEAVENWORTH WATER DEPT	0.16	0.1 - 0.16	MG/L	5
POTASSIUM	4/10/2018	LEAVENWORTH WATER DEPT	8	5.9 - 8	MG/L	100
SILICA	4/10/2018	LEAVENWORTH WATER DEPT	14	13 - 14	MG/L	50
SODIUM	4/10/2018	LEAVENWORTH WATER DEPT	47	41 - 47	MG/L	100
SULFATE	4/10/2018	LEAVENWORTH WATER DEPT	150	34 - 150	MG/L	250
TDS	4/10/2018	LEAVENWORTH WATER DEPT	360	350 - 360	MG/L	500

**Please Note: Because of sampling schedules, results may be older than 1 year.**

During the 2018 calendar year, the water systems that we purchase water from had the below noted violation(s) of drinking water regulations.

Water System	Type	Category	Analyte	Compliance Period
LEAVENWORTH WATER DEPARTMENT	LEAD CONSUMER NOTICE (LCR)	RPT	LEAD & COPPER RULE	12/30/2017 - 10/23/2018