



# City of Edgerton Consumer Confidence Water Report 2019

Covering the 2018 Calendar Year

This document is a snapshot of the quality of water that we provided last year. Included are the details about where your water comes from, what it contains and how it compares to Environmental Protection Agency (EPA) and state standards. We are committed to providing you with information because informed customers are our best allies. It is important that customers be aware of the efforts that are made continually to improve their water systems.

If you would like to learn more about the drinking water quality, please contact Beth Linn at 913.893.6231.





## Water Quality Data

The following tables list all of the drinking water contaminants which were detected during the 2018 calendar year. The presence of these contaminants does not necessarily indicate the water poses a health risk. Unless noted, the data presented in this table is from the testing done January 1– December 31, 2018. The state requires us to monitor for certain contaminants less than once per year because the concentrations of these contaminants are not expected to vary significantly from year to year. Some of the data, though representative of the water quality, is more than one year old. **The bottom line is that the water that is provided to you is safe.**

### Testing results for the City of Edgerton

Disinfection Byproducts	Monitoring Period	Highest RAA	Range (low/high)	Unit	MCL	MCLG	Typical Source
TOTAL HALOACETIC ACIDS (HAA5)	2018	22	13–27	ppb	60	0	Byproduct of drinking water disinfection
TTHM	2018	70	44–86	ppb	80	0	Byproduct of drinking water chlorination

  

Lead and Copper	Monitoring Period	90th Percentile	Range (low/high)	Unit	AL	Sites Over AL	Typical Source
COPPER, FREE	2015–2017	0.43	0.079–0.49	ppm	1.3	0	Corrosion of household plumbing
LEAD	2015–2017	8	1.3–13	ppb	15	0	

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 people who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous systems, and may have an increased risk of getting cancer.

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	2/14/2018	City of Lawrence	1.9	1–1.9	ppb	10	0	Erosion of natural deposits
Atrazine	5/10/2018	City of Lawrence	0.5	0.5	ppb	3	3	Runoff from herbicide used on row crops
Barium	5/8/2018	City of Olathe	0.098	0.098	ppm	2	2	Discharge from metal refineries
Chromium	5/2/2018	City of Lawrence	3	1.3–3	ppb	100	100	Discharge from steel and pulp mills
Fluoride	4/10/2018	City of Gardner	0.83	0.56–0.83	ppm	4	4	Natural deposits; Water additive which promotes strong teeth.
Nitrate	5/9/2018	Miami Co RWD 2	0.86	0.71–0.86	ppm	10	10	Runoff from fertilizer use
Picloram	5/10/2018	City of Lawrence	0.2	0.2	ppb	500	500	Herbicide runoff
Selenium	8/15/2018	City of Lawrence	11	2.2–11	ppb	50	50	Erosion of natural deposits

Secondary Contaminants	Collection Date	Water System	Highest Value	Range (low/high)	Unit	SMCL
ALKALINITY, TOTAL	5/10/2018	City of Lawrence	132	44.7-132	MG/L	300
ALUMINUM	2/14/2018	City of Lawrence	100	0.003-100	MG/L	0.05
BROMIDE	8/15/2018	City of Lawrence	0.061	0.018-0.061	MG/L	0.05
CALCIUM	8/15/2018	City of Lawrence	58	27-58	MG/L	
CALCIUM	5/8/2018	City of Olathe	52	52	MG/L	200
CHLORIDE	5/2/2018	City of Lawrence	130	21-130	MG/L	250
CHROMIUM, HEX	11/1/2018	City of Lawrence	2.1	0.1-2.1	UG/L	
CONDUCTIVITY @ 25 C UMHOS/CM	5/2/2018	City of Lawrence	880	320-880	UMHO/CM	1500
CORROSIVITY	5/8/2018	City of Olathe	0.36	0.36	LANG	0
HARDNESS, CALCIUM MAGNESIUM	1/3/2018	City of Lawrence	62	1.9-62	MG/L	
HARDNESS, TOTAL (AS CaCO3)	5/8/2018	City of Olathe	180	180	MG/L	400
IRON	5/9/2018	Miami Co RWD 2	0.02	0.02	MG/L	0.3
MAGNESIUM	1/3/2018	City of Lawrence	15	0.5-15	MG/L	150
MANGANESE	4/17/2018	City of Gardner	0.0017	0.0017	MG/L	0.05
METOLACHLOR	6/4/2018	City of Olathe	0.33	0.33	ppb	
MOLYBDENUM, TOTAL	8/15/2018	City of Lawrence	6.1	4.2-6.1	UG/L	
NICKEL	5/2/2018	City of Lawrence	0.0049	0.0012-0.0049	MG/L	0.1
ORTHOPHOSPHATE	2/12/2014	City of Lawrence	1.1	0.06-1.1	MG/L	
PH	5/10/2018	City of Lawrence	8.8	8-8.8	PH	8.5
PHOSPHORUS, TOTAL	5/2/2018	City of Lawrence	0.86	0.11-0.86	MG/L	5
POTASSIUM	8/15/2018	City of Lawrence	13	3.6-13	MG/L	100
SILICA	8/15/2018	City of Lawrence	14	0.5-14	MG/L	50
SODIUM	5/2/2018	City of Lawrence	110	14-110	MG/L	100
STRONTIUM	8/15/2018	City of Lawrence	310	220-310	UG/L	
SULFATE	5/2/2018	City of Lawrence	130	22-130	MG/L	250
TDS	5/2/2018	City of Lawrence	470	200-470	MG/L	500
UV ABSORBANCE @254 NM	1/7/2014	City of Lawrence	0.088	0.051-0.088	CM-1	
VANADIUM, TOTAL	5/10/2018	City of Lawrence	8.5	3.7-8.5	UG/L	
ZINC	5/9/2018	Miami Co RWD 2	0.01	0.01	MG/L	5

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
New Century Air Center	Lead Consumer Notice (LCR)	RPT	Lead & Copper Rule	12/30/2017 - 5/21/2018
Miami Co RWD 2	Monitoring, Source (LT2), Major	MON	E. Coli	7/2/2018 - 7/6/2018
City of Baldwin City	Monitoring, Routine (DBP), Major	MON	CDS_DBP_Totals	7/1/2018 - 9/30/2018