

St. Joseph

Typical Water Quality Information

PWSID Number: MO1010714

Area Served: St. Joseph, City of Elwood, City of Wathena, Andrew

County #1 and #2, Buchanan County #1 and DeKalb

County #1

Where Does My Water Come From?

Ground Water Source

Average amount of water supplied to customers on a daily basis

18 million gallons per day

Parameter	Average or Range	Comments
рН	8.5 – 9.0	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO3)	215 mg/L	Naturally occurring
Total Hardness (as CaCO3)	12.6 grains per gallon	Naturally occurring
Fluoride	0.6 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	48 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND	Secondary Standard Limit = 0.05 mg/L

Typical Water Quality 1

Parameter	Average or Range	Comments
Type of disinfection	N/A	Chloramines
Disinfectant residual level leaving the treatment plant (average)	3.0 – 3.3 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	2.9 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	2 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.068 mg/L	Action Level = 1.3 mg/L
Nitrate	0.5 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 ug/L
Chromium-6	0.45 – 1.58 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information, please click <u>here</u> .

Definitions

- mg/L milligrams per liter; one milligram per liter is equal to one part per million (ppm), which
 is approximately the same as 1 second in 11.5 days
- ug/L micrograms per liter; one microgram per liter is equal to one part per billion (ppb), which is approximately the same as 1 second in 31.7 years
- N/A not applicable
- ND not detected
- MCL Maximum Contaminant Level the highest level of a contaminant allowed in drinking water under State and Federal regulations

For a complete report of your water quality, please refer to the Water Quality Report located on the American Water web site

For more information about water quality in your area, please contact our Water Quality Supervisor at 816-233-1820

Other inquiries should be directed to our Customer Service Center at 866-430-0820

Typical Water Quality 2