



Granite City

Typical Water Quality Information

PWSID Number: 1195030

Area Served: Granite City, Madison, Mitchell, Nameoki Township, Pontoon Beach, Stites Township, and Venice.

Where Does My Water Come From?

Mississippi River

Average amount of water supplied to customers on a daily basis

9 million gallons per day

Parameter	Average or Range	Comments
pH	7.4 (7.0-7.8)	
Total Hardness (as CaCO ₃)	250 (140-320) mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	14.5 (8.2-18.7) grains per gallon	Naturally occurring
Fluoride	1.0 (0.9-1.2) mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	16 (16.2-24.4) mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	10 (ND – 11)	
Type of disinfection	NA	Chloramines. During annual distribution system flushing in Aug-Sep, it is free chlorine.

Parameter	Average or Range	Comments
Disinfectant residual level leaving the treatment plant (average)	3.5 (2.9-3.9) mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	3.2 (2-4) mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	3 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.095 mg/L	Action Level = 1.3 mg/L
Nitrate	3.6 (1.57-6.49) mg/L	MCL = 10 mg/L
Arsenic	2 (1-2) ug/L	MCL = 10 ug/L

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 Rachel Bretz at 1-618-465-6736 Ext. 4

Other inquiries should be directed to our Customer Service Center at 800-422-2782