



# St. Louis County/St. Charles County

## Typical Water Quality Information

**PWSID Number:** MO6010716

**Area Served:** St. Louis County, St. Charles County, northern Jefferson County

### Where Does My Water Come From?

Missouri and Meramec Rivers

### Average amount of water supplied to customers on a daily basis

180 million gallons per day

Parameter	Average or Range	Comments
pH	9.7 - 10.0	pH is the measure of the acid/base properties of water
Total Hardness (as CaCO <sub>3</sub> )	120 - 150 mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	7 – 9 grains per gallon	Naturally occurring
Fluoride	0.6 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	12 - 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

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
Type of disinfection	N/A	Chloramination
Disinfectant residual level leaving the treatment plant (average)	2.5 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	2.5 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 <sup>th</sup> percentile result]	2 ug/L	Action Level = 15 ug/L
Copper [90 <sup>th</sup> percentile result]	ND	Action Level = 1.3 mg/L
Nitrate	0.3 – 2.0 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 ug/L
Chromium-6	1.3 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit <a href="http://www.amwater.com/moaw/Ensuring-Water-Quality/Chromium-6">http://www.amwater.com/moaw/Ensuring-Water-Quality/Chromium-6</a>

#### **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 Specialist at 314-469-6050 ext. 6434

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