



River Grange

Typical Water Quality Information

PWSID Number: IL0895600

Area Served: St. Charles

Where Does My Water Come From?

Well water

Average amount of water supplied to customers on a daily basis

6,000 gallons per day

Parameter	Average or Range	Comments
pH	8.34	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO ₃)	535 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	31 grains per gallon	Naturally occurring
Fluoride	0.98-1.2 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	81.8 mg/L	No MCL – Informational only
Iron	0.272 mg/L	Natural content and water treatment chemicals
Manganese	0.0782 mg/L	Naturally occurring from erosion of natural deposits
Chlorine	0.2-0.5	Added for disinfection

Parameter	Average or Range	Comments
Lead [90 th percentile result]	2 ug/L	Corrosion of household plumbing; erosion of natural deposits
Copper [90 th percentile result]	1.211 mg/L	Corrosion of household plumbing; erosion of natural deposits
Nitrate	0.453 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Nitrite	0.453 mg/L	Runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits
Arsenic	0.002 ug/L	MCL = 10 ug/L

Definitions

- mg/L – milligrams per liter; one milligram per liter is equal to one part per million, 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, 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, please contact Tom Chinske at (630)739-8849