



# East St.Louis

## Typical Water Quality Information

**PWSID Number:** 1635040

**Area Served:** Altorton, Belleville, Cahokia, Canteen Township, Caseyville, Centreville, Columbia, East St. Louis, Fairmont City, Fairview Heights, Lovejoy, National City, Sauget, Shiloh, Smithton Township, St. Clair, Stookey, Swansea, and Washington Park.

### Where Does My Water Come From?

Mississippi River

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

35 million gallons per day

Parameter	Average or Range	Comments
pH	7.4 (7.0-7.8)	
Total Hardness (as CaCO <sub>3</sub> )	250 (140-320) mg/L	Naturally occurring
Total Hardness (as CaCO <sub>3</sub> )	14.5 (8.2-18.7) grains per gallon	Naturally occurring
Fluoride	0.67 – 0.76 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	16.7 – 17.9 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Type of disinfection	NA	Chloramines. During annual distribution system flushing in Aug-Sep, it is free chlorine.

<b>Parameter</b>	<b>Average or Range</b>	<b>Comments</b>
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	2.5 (2 – 3) 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]	0.191 mg/L	Action Level = 1.3 mg/L
Nitrate	1.29 – 5.16 mg/L	MCL = 10 mg/L
Arsenic	ND - 1 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 Ian Rischmiller at 1-309-566-4165

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