ILLINOIS AMERICAN WATER

Sterling

Typical Water Quality Information

PWSID Number: IL1955040

Area Served: Sterling

Where Does My Water Come From?

Well water

Average amount of water supplied to customers on a daily basis

1 million gallons per day

Parameter	Average or Range	Comments
pH	7.4	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO3)	100 - 300 mg/L	Naturally calcium / magnesium content in the water
Total Hardness (as CaCO3)	6 – 18 grains per gallon	Naturally calcium / magnesium content in the water
Fluoride	0.89– 1.19 mg/L	Naturally occurring and water additive
Sodium	4.5 – 128.6 mg/L	No MCL – Informational only
Iron	0.10 mg/L	Natural content and water treatment chemicals
Manganese	0 mg/L	Naturally occurring from erosion of natural deposits

Parameter	Average or Range	Comments
Chlorine	0.9 –1.7	Added for disinfection
Disinfectant residual level leaving the treatment plant (average)	1 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.77 – 1.1 mg/L	Water additive used to control microbes
Lead [90th percentile result]	2	Action Level = 15 ug/L
Copper [90th percentile result]	0.916 mg/L	Action Level = 1.3 mg/L
Nitrate	0 mg/L	MCL = 10 mg/L
Arsenic	2-6 ug/	MCL = 10 ug/L
Chromium-6	0.01 ug/L	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit http://www.amwater.com/ilaw/Ensuring-Water-Quality/Chromium-6

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