



Lake Carmel

Typical Water Quality Information

PWSID Number: MO3031183

Area Served: Lake Carmel

Where Does My Water Come From?

Ground Water Source

Parameter	Average or Range	Comments
pH	7.2	pH is a measure of the acid/base properties of water
Total Hardness (as CaCO ₃)	278 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	16.2 grains per gallon	Naturally occurring
Fluoride	0.2 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	6 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND	Secondary Standard limit = 0.05 mg/L
Type of disinfection	N/A	Chlorine
Disinfectant residual level leaving the treatment plant	1.1 – 1.9 mg/L	Water additive to control microbes

Parameter	Average or Range	Comments
Disinfectant residual level in the distribution system	1.2 – 1.9 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	3.5 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.157 mg/L	Action Level = 1.3 mg/L
Nitrate	ND	MCL = 10 mg/L
Arsenic	ND	MCL = 10 ug/L
Chromium-6	ND	Chromium-6 is not currently regulated as an individual contaminant. For more information, please click here .

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 Supervisor at 314-469-6050 ext. 6434

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