



Suck Creek

Typical Water Quality Information

PWSID Number: TN0000909

Area Served: Suck Creek Community

Where Does My Water Come From?

Your water, which is ground water, comes from a Cambrian-Ordovician carbonate type aquifer from two water supply wells located on Suck Creek Mountain. To supplement your supply we also purchase water from Lone Oak Utility District whose original source is Hixson Utility District. Hixson draws ground water from a Cambrian-Ordovician carbonate aquifer in the Chickamauga watershed.

Parameter	Average or Range	Comments
pH	Average: 7.5 Range: 7.2 - 7.7	
Total Hardness (as CaCO ₃)	33 – 41 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	1.9 – 2.4 grains per gallon	Naturally occurring
Fluoride	Average: 0.77 mg/L Range: 0.64 – 0.94 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L.
Sodium	25.5 – 30.7 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L
Manganese	ND – 0.015 mg/L	Secondary Standard Limit = 0.05 mg/L

Parameter	Average or Range	Comments
Type of disinfection		Chlorine
Disinfectant residual level leaving the treatment plant	0.91 – 2.1 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.24 – 1.94 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	0.002 mg/L	Action Level = 15 µg/L
Copper [90 th percentile result]	0.107 mg/L	Action Level = 1.3 mg/L
Nitrate	ND – 0.2 mg/L	MCL = 10 mg/L
Arsenic	ND	MCL = 10 µg/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
- µg/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 (www.amwater.com)

For more information about water quality in your area please contact our Water Quality Department at 423-771-4749

Other inquiries should be directed to our Customer Service Center at 866-736-6420