



Tennessee American Water Citico WTP - Chattanooga

Typical Water Quality Information

PWSID Number: TN0000107

Area Served: Tennessee American Water – Citico Water Treatment Plant serves the Chattanooga area and portions of north Georgia.

Where Does My Water Come From?

Tennessee American draws surface water from the Tennessee River.

Average amount of water supplied to customers on a daily basis

40 million gallons per day

Parameter	Average or Range	Comments
pH	7.1 – 7.2	
Total Hardness (as CaCO ₃)	57 - 83 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	3.3 – 4.8 grains per gallon	Naturally occurring
Fluoride	0.69 – 0.86 mg/L average 0.77 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L.
Sodium	4.8 – 8.4 mg/L	No MCL – Informational only
Iron	ND	Secondary Standard Limit = 0.3 mg/L

Parameter	Average or Range	Comments
Manganese	ND	Secondary Standard Limit = 0.05 mg/L
Type of disinfection		Chlorine
Disinfectant residual level leaving the treatment plant (average)	2.0 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.45 - 2.10 mg/L	Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	2 µg/L	Action Level = 15 µg/L
Copper [90 th percentile result]	0.114 mg/L	Action Level = 1.3 mg/L
Nitrate	0.28 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