



Northern Division

Typical Water Quality Information

PWSID Number: KY0940430

Area Served: Kentucky American Water – Northern Division serves customers in Owen, Grant, and Gallatin counties.

Where Does My Water Come From?

The majority of drinking water for our Northern Division customers is produced at our 1.44 million gallon per day treatment facility that treats surface water from Severn Creek near its confluence with the Kentucky River pool 2 south of Owen County. The Severn Creek supply is supplemented with surface water from Thomas Lake, in south-central Owen County.

Average amount of water supplied to customers on a daily basis

800,000 gallons per day

Parameter	Average or Range	Comments
pH	7.5	
Total Hardness (as CaCO ₃)	169 – 300 mg/L	Naturally occurring
Total Hardness (as CaCO ₃)	9.9 – 17.5 grains per gallon	Naturally occurring
Fluoride	0.9 – 1.3 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium	23 mg/L	No MCL – Informational only
Iron leaving the treatment plant	Not Detected	Secondary Standard Limit = 0.3 mg/L
Manganese leaving the treatment plant	Not Detected	Secondary Standard Limit = 0.05 mg/L

Parameter	Average or Range	Comments
Type of disinfection	N/A	Chlorine
Disinfectant residual level leaving the treatment plant (average)	0.2 – 2.5 mg/L	Water additive to control microbes
Disinfectant residual level in the distribution system	0.2 – 2.2 mg/L	Includes purchased water. Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90 th percentile result]	3 ug/L	Action Level = 15 ug/L
Copper [90 th percentile result]	0.28 mg/L	Action Level = 1.3 mg/L
Nitrate level leaving the treatment plant	0.38 mg/L	MCL = 10 mg/L
Arsenic	Not Detected	MCL = 10 ug/L
Chromium-6	0.17 – 0.33 ug/L (ppb)	Chromium-6 is not currently regulated as an individual contaminant. For more information, please visit http://www.amwater.com/kyaw/Ensuring-Water-Quality/Chromium-6

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 your water quality, please contact our Water Quality Specialist at 1-859-335-3673

Other inquiries should be directed to our Customer Service Center at 1-800-678-6301