Northern Division

2015 Typical Water Quality Information

PWSID Number: KY0340250

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

Where Does My Water Come From?

Kentucky American Water customers in the Northern Division service area receive water from our Kentucky River Station II water treatment plant. The raw water source for the Kentucky River Station II plant is from pool 3 of the Kentucky River as it passes through Owen County.

Average amount of water supplied to customers on a daily basis

Approximately 800,000 gallons per day

Parameter	Average or Range	Comments
pH leaving the treatment plant	7.3	A measurement of acidity, 7.0 being neutral
Total Hardness (as CaCO3) leaving the treatment plant	163 mg/L	About 10 grains per gallon
Fluoride leaving the treatment plant	0.92 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium leaving the treatment plant	6.5 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
Type of disinfection	NA	Chloramines
Disinfectant residual leaving the treatment plant	4.11 mg/L	Water additive to control microbes

Parameter	Average or Range	Comments
Disinfectant residual in the distribution system	0.3 – 5.9 mg/L	Includes purchased water. Max Residual Disinfectant Level Running Annual Avg. = 4.0 mg/L
Lead [90th percentile result] in the distribution system	Not Detected	Action Level = 15 ug/L
Copper [90th percentile result] in the distribution system	0.147 mg/L	Action Level = 1.3 mg/L
Nitrate leaving the treatment plant	0.81 mg/L	MCL = 10 mg/L
Arsenic leaving the treatment plant	Not Detected	MCL = 10 ug/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

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

NA - 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 website
http://www.amwater.com/ccr/owenton.pdf

For more information about your water quality, please contact our Water Quality Specialist at 1-859-268-6331

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