



Northern Division - Carroll

2016 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 Wheatley, New Liberty, and Worthville service areas receive water purchased from Carroll County Water District #1, Public Water System Identification Number - KY0210066. The raw water source for Carroll County Water District #1 is groundwater drawn from a network of wells drilled into the Ohio River alluvial aquifer.

Average amount of water supplied to customers on a daily basis:

Approximately 65,000 gallons per day

Parameter	Average or Range	Comments
pH leaving the treatment plant	6.8	A measurement of acidity, 7.0 being neutral
Total Hardness (as CaCO ₃) leaving the treatment plant	Contact KAW	Naturally occurring
Fluoride leaving the treatment plant	1.13 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium leaving the treatment plant	24 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	0.012 mg/L	Secondary Standard Limit = 0.05 mg/L
Type of disinfection	NA	Chlorine

Parameter	Average or Range	Comments
Disinfectant residual leaving the treatment plant	Contact KAW	Water additive to control microbes
Disinfectant residual in the distribution system	1.05 mg/L	MRDL = 4.0 mg/L
Lead [90 th percentile result] in the distribution system	Not Detected	Action Level = 15 ug/L
Copper [90 th percentile result] in the distribution system	0.147 mg/L	Action Level = 1.3 mg/L
Nitrate leaving the treatment plant	3.76 – 5.1 mg/L	MCL = 10 mg/L
Arsenic leaving the treatment plant	Not Detected*	MCL = 10 ug/L

*Arsenic last sampled by Carroll County Water District #1 in 2014

Definitions

- mg/L** Milligrams per liter; one milligram per liter is equal to one part per million (ppm)
- ug/L** Micrograms per liter; one microgram per liter is equal to one part per billion (ppb)
- NA** Not Applicable
- MCL** Maximum Contaminant Level – the highest level of a contaminant allowed in drinking water under State and Federal regulations
- MRDL** Maximum Residual Disinfectant Level –the highest level of disinfectant allowed in drinking water

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 859-268-6331

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