



Central Division

2016 Typical Water Quality Information

PWSID Number: KY0340250

Area Served: Kentucky American Water – Central Division serves customers in Fayette, Clark, Scott, Jessamine, Harrison, Bourbon, and Woodford counties.

Where Does My Water Come From?

Kentucky American Water customers in the Central Division service area receive water from our three water treatment plants: Kentucky River Station, Richmond Road Station, and Kentucky River Station II. The raw water sources for these plants are respectively: pool 9 of the Kentucky River as it runs south of Lexington in Fayette County, Jacobson Reservoir in Fayette County, and pool 3 of the Kentucky River in Owen County. All raw water sources are surface water supplies.

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

Approximately 42 million 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 CaCO ₃) leaving the treatment plant	155 mg/L or 9 grains per gallon	Naturally occurring
Fluoride leaving the treatment plant	0.64 – 0.69 mg/L	Naturally occurring and water additive, MCL = 4.0 mg/L
Sodium leaving the treatment plant	11.9 – 62.6 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	NA	Chloramines
Disinfectant residual leaving the treatment plant	3.26 mg/L	Water additive to control microbes
Disinfectant residual in the distribution system	2.44 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	0.12 - 0.34 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)
- 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/lexington.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