



FACT SHEET

Stage 2 Disinfectants and Disinfection Byproduct Rule

- **DBPs are chemical compounds that may form in drinking water when chlorine or other disinfectants react with naturally occurring organic matter in the water.** Long-term exposure to high levels of DBPs may pose health risks to the public.
- **According to the Environmental Protection Agency (EPA), the Stage 2 DBP rule is intended to strengthen public health protection.** This will be accomplished by requiring maximum contaminant levels (MCLs) as an average at each compliance monitoring location in a system (instead of as a system-wide average as in previous rules) for two groups of DBPs – total trihalomethanes (TTHMs) and five haloacetic acids (HAA5).¹
- **Beaver Water District is committed to protecting public health.** Disinfection of drinking water is one of the greatest health achievements of the past century.²
- **Complying with the Stage 2 DBP Rule requires actions on the part of both Beaver Water District and its customer cities – Fayetteville, Springdale, Rogers and Bentonville.**
- **Beaver Water District contracted for the design and construction of a chlorine dioxide pre-disinfection facility to replace its pre-chlorination facility.** This project was completed and placed into operation in January 2013.
- **Beaver Water District's four customer cities have investigated various options for reducing water age within their respective distribution systems.** These options include distribution system piping modifications, water storage tank mixing, changes to water storage tank management, and distribution system chlorine monitoring.
- **All thirty (30) DBP sampling locations at Beaver Water District and in the four cities have been in compliance with the Stage 2 DBP rule since January 2013.**

¹ Environmental Protection Agency (<http://water.epa.gov/lawsregs/rulesregs/sdwa/stage2/>)

² Centers for Disease Control (www.cdc.gov/mmwr/preview/mmwrhtml/00056796.htm)

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About Beaver Water District

Beaver Water District supplies drinking water to 300,000 people and industries in Fayetteville, Springdale, Rogers, Bentonville and surrounding areas. These cities then resell the water to surrounding towns and communities. The District's mission is to serve our customers by providing high quality drinking water that meets or exceeds all federal and state regulatory requirements and is economically priced consistent with our quality standards. For more information, visit www.bwdh2o.org.