

Colorado Springs Utilities CO0121150

Unregulated Contaminant Monitoring Regulation (UCMR)

The 1996 amendments to the Safe Drinking Water Act required that EPA establish criteria for a program to monitor unregulated contaminants and to identify no more than 30 unregulated contaminants to be monitored every five years.

Unregulated contaminants are those contaminants that do not have a drinking water standard (maximum contaminate level) established by EPA. The purpose of the UCMR is to assist EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted.

The fourth round of the UCMR required monitoring for 30 contaminants. We were required to monitor for these contaminants starting in January 2018. The results for any contaminants detected to date are listed below.

For further information on UCMR please visit <https://www.epa.gov/dwucmr/fourth-unregulated-contaminant-monitoring-rule>

Monitored at the Treatment Plant (entry point to the distribution system)

Contaminant	Average Level Detected	Range	Units	Sample Dates	Potential Sources of Contamination
Manganese	1.2	ND - 11	ppb	Jan, Apr, Jul, Oct 2018	Naturally occurring element, commercially available in combination with other elements and minerals, a byproduct of zinc ore processing, used in infrared optics, fiber optic systems electronics and solar applications
1-Butanol	1.07	ND – 13	ppb	Jan, Mar, Apr, Jul, Oct 2018	Used as a solvent, food additive, and in the production of other chemicals
Quinoline	0.002	ND – 0.0318	ppb	Jan, Mar, Apr, Jul, Oct 2018	Used as a pharmaceutical and flavoring agent, produced as a chemical intermediate, component of coal

Monitored in the Distribution System

Contaminant	Average Level Detected	Range	Units	Sample Dates	Potential Sources of Contamination
Haloacetic Acids 5 (HAA5)	33.9	10.2 – 55.0	ppb	Jan, Apr, Jul, Oct 2018	Byproduct of drinking water disinfection
Brominated Haloacetic Acids 6 (HAABr6)	3.18	0.79 – 9.10	ppb	Jan, Apr, Jul, Oct 2018	Byproduct of drinking water disinfection
Haloacetic Acids 9 (HAA9)	36.4	14.5 – 57.0	ppb	Jan, Apr, Jul, Oct 2018	Byproduct of drinking water disinfection

Monitored raw source water before it enters the Treatment Plant

Contaminant	Average Level Detected	Range	Units	Sample Dates	Potential Sources of Contamination
Bromide	9.05	0 - 79.4	ppb	Jan, Apr, Jul, Oct 2018	Naturally present in the environment
Organic Carbon, Total	1.69	1.31 - 2.17	ppm	Jan, Apr, Jul, Oct 2018	Naturally present in the environment