

Internal Monitoring Report

Policy #: O-2B Water Quality

Date: April 26, 2023

Policy Language:

Madison Water Utility consumers will receive high quality water that meets or is better than all primary and secondary drinking water standards, including their public notification requirements, and complies with board-adopted water quality goals, incorporated by attachment.

The Madison Water Utility recognizes that drinking water standards are subject to revision and that new compounds of concern will be determined. This dynamic is a result of health studies being conducted by health organizations and government agencies on the state, national and international level. The technology to quantify compounds at increasingly minute levels is constantly improving.

The Madison Water Utility shall maintain and promulgate a Watch List of compounds of concern by unit well of compounds that are increasing and may approach the primary and secondary drinking water standards. The Watch List shall identify which wells require action.

Water Quality Report

This report summarizes the results of the 28,284 water quality tests including coliform bacteria, treatment chemicals (chlorine and fluoride), inorganic and volatile organic compounds, and unregulated contaminants including PFAS conducted in 2022.

Water Quality Test Type	Number of Tests
Bacteria:	
Total Coliform / E. coli	2,988
Chemical:	
1. Iron & Manganese	3,002
2. PFAS	1,031
3. Other	21,263

Year-to-date, there were no reportable water quality violations; however, iron and manganese at Well 8, and sodium at Well 14 exceed a Water Utility Board treatment policy. Summarized results follow as an attachment.

Attachments:

- A. PFAS Update
- B. Water Quality Test Results Summary – 2022
- C. Water Quality Watch List