



MEMORANDUM

Date: October 22, 2024
To: Water Utility Board
From: Joe Grande, Water Quality Manager
Krishna Kumar, General Manager
Subject: Water Quality Report – October 2024

BACKGROUND

Board governance policy requires that 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.

The Water Quality Report summarizes the results of the 23,530 water quality tests including coliform bacteria; treatment chemicals (chlorine and fluoride); and inorganic, volatile organic and unregulated contaminants, including PFAS, conducted in 2024 through September 30.

Water Quality Test Type	Number of Tests
Bacteria:	
Total Coliform / E. coli	2,609
Chemical:	
1. Iron & Manganese	2,896
2. PFAS	540
3. Other	17,485

During this period, 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 attachments.



ATTACHMENTS:

- A. Watch List Summary – October 2024
- B. Water Quality Test Results Summary – 2024