



MEMORANDUM

Date: April 25, 2024
To: Water Utility Board
From: Joe Grande, Water Quality Manager
Krishna Kumar, General Manager
Subject: 2023 Madison Water Quality Report

RECOMMENDATION

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.

BACKGROUND

The Water Quality Report summarizes the results of the 32,765 water quality tests including coliform bacteria; treatment chemicals (chlorine and fluoride); and inorganic, organic (volatiles and synthetic) and unregulated contaminants, including PFAS, conducted in calendar year 2023.

Water Quality Test Type	Number of Tests
Bacteria:	
Total Coliform / E. coli	3,086
Chemical:	
1. Iron & Manganese	3,895
2. PFAS	959
3. Other	24,825



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 and a draft of the Annual Water Quality Report follow as attachments.

ATTACHMENTS:

- A. Watch List Summary – April 2024
- B. Water Quality Test Results Summary – 2023
- C. Draft Annual Water Quality Report [Consumer Confidence Report, CCR]