



MEMORANDUM

Date: May 12, 2025

To: Mayor Satya Rhodes-Conway
Common Council
Finance Committee
Water Board

From: Joseph Grande – Water Resources Manager
Krishna Kumar – General Manager

Subject: Authorizing the City of Madison Water Utility to apply for and accept a grant, if awarded, of up to \$36,276 from the Wisconsin Department of Health Services – Oral Health Program, and authorizing the Mayor and Water Utility General Manager, or their designees, to sign related document(s) authorizing acceptance of the grant and the transfer of funds.

RECOMMENDATION:

Staff is seeking authorization to apply for and accept a Wisconsin Department of Health Service—Oral Health Program grant, if awarded, for up to \$36,277 for fluoride treatment equipment, and authorizing the Mayor and Water Utility General Manager, or their designees, to sign related document(s) authorizing acceptance of the grant and the transfer of the funds.

BACKGROUND:

The City of Madison Water Utility has been successfully delivering optimally fluoridated water for over 75 years and was recognized with a Water Fluoridation Quality Award by the Centers for Disease Control and Prevention (CDC) for, “providing high-quality water fluoridation...representing a high level of operator care and accomplishment.”

Consistent delivery of an optimal fluoride level requires specialized equipment that can be carefully calibrated and will prevent back siphonage. The equipment periodically must be replaced and updated with new equipment.

The City of Madison Water Utility is in the process of replacing the older, less reliable Pulsatron fluoride pumps in favor of newer peristaltic ones that provide consistent dosing without backflow risk, and will standardize the pump style, manufacturer, and model across the utility’s water system thereby lowering operations and maintenance costs by needing to supply parts for only one model, and the City of Madison Water Utility is mid-way through a replacement cycle and plans to replace an additional thirteen pumps and add one Omni valve to automatically and remotely adjust the fluoride feed rate based on changing water pumping conditions with the grant proceeds, and the Wisconsin Department of Health Services – Oral Health Program offers a Community Water Fluoridation Equipment Grant Funding Opportunity to support public water



systems in providing optimally fluoridated water to ensure that communities consistently provide fluoride levels at the optimal range of 0.7 mg/L to residents, and the award will reimburse 100% of the purchase of water fluoridation equipment up to the grant amount of \$36,277 with the final reimbursement being requested on or before June 30, 2025.

FISCAL IMPACTS:

The City of Madison Water Utility 2025 Operating Budget will be amended to appropriate the grant revenue and expenses for chemical treatment equipment to up to \$36,277.

LEGISLATIVE PATH:

5/20/2025 Common Council (Introduction)
5/27/2025 Finance Committee
5/28/2025 Water Utility Board
6/03/2025 Common Council (Final Action)

ATTACHMENTS:

1. Memo (This Document)
2. Resolution