



# Waukesha Water Utility

SERVING WAUKESHA SINCE 1886

115 DELAFIELD STREET  
WAUKESHA, WI 53188-3615

Telephone: (262) 521-5272 • Fax: (262) 521-5265 • E-mail: [contactus@waukesha-water.com](mailto:contactus@waukesha-water.com)

## **MEMORANDUM**

Date: July 10, 2024  
To: Dan Duchniak, P.E.  
From: Kelly Zylstra, P.E.  
Re: Request for Approval of Enhancements to Two Analyzers in the System

In March 2023, as part of preparing for the switch to Lake Michigan water, the Commission approved Phase 1 of the installation of online analyzers in the distribution system.

After verifying that the enhancements at the BPS (approved as part of Change Order 005), which converted the ChemScan analyzers that measure nitrate/nitrite to also measure monochloramine and free ammonia met our needs, we have decided to make these same changes to an analyzer at Oakmont and at Crestwood.

The modification at Oakmont will allow us to have online data both before, and after, rechloramination; which is likely to need to start soon. Making these same enhancements to an analyzer at the Crestwood Booster Station from Phase 1 will allow us to relocate that unit to Saylesville Booster Station and begin Phase 2 of the installation of analyzers in the system as recommended by Jacobs in their 2023 report.

The costs associated with these enhancements will be part of the \$153,000 budgeted for Analyzers in Account 3320-300 of the 2024 budget.

***Recommended Motion:*** Move to Approve Enhancements to Two Analyzers in the System for a cost of \$35,651.96.