

Intradepartmental

MEMORANDUM

TO: Honorable Board of Directors

FROM: Grant Gartrell, Director of Engineering Water and Field Services
Vittoria Hogue, Project Manager

COPY: Cheryl Porter, Chief Operating Officer, Water and Field Services
William Wolfson, Chief Administrative Compliance Officer

SUBJECT: Contract No. 1803705 Comprehensive Corrosion Control Optimization Study

DATE: February 10, 2020

This memorandum provides a brief update on the status of the subject project. This contract was approved by the GLWA Board of Directors on July 24, 2019 and the notice to proceed issued on November 22, 2019 to Arcadis of Michigan, LLC. Recall that the subject contract is being driven by recent and forthcoming regulatory changes to the Lead and Copper Rule. The study's overarching goal is to determine if changes in water treatment and/or operational practices can further optimize corrosion control in GLWA Member Partner water distribution system to reduce lead levels at the tap.

A project kickoff workshop between GLWA and Arcadis was held on January 8, 2020 and the following work is underway:

- Reviewing historical GLWA water quality data and treatment operations
- Conducting a thorough regulatory review especially as it relates to anticipated future changes in the action level for lead
- Developing a calibrated, regional hydraulic model
- Preparing data requests to be sent to Member Partners to obtain their water distribution system models or system maps (if they do not have hydraulic models of their system)

Our project approach is planned so that study is complete in 2024 in advance of the State's revised lead and copper regulations, which take effect in 2025. Regular communications with and participation from Member Partners is crucial to the success of this project. Consequently, we plan to make regular presentations on our progress to Member Partners at the Analytical Workgroup (AWG) meetings, through email communications, and workshops when special topics that will involve significant Member Partner participation (e.g. service line harvesting).

We will be presenting an overview of the project to Member Partners at the next AWG meeting scheduled for January 28, 2020.