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Department of Utilities
Water Treatment Facility
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TO: Chairperson Brad Firkus and Members of the Finance Committee

FROM: Utilities Director Chris Shaw

DATE: June 24, 2022

RE: *Request to approve: Budget transfer \$190,000 from the Matthias Tower Pump Station Project to new 2022 Corrosion Control Treatment Project.*

BACKGROUND:

In December of 2021 the Appleton Water Treatment Facility (AWTF) completed a regulatory required research project on corrosivity within the city's water distribution system. The results of that project are the basis of this budget adjustment. The project research concluded that the AWTF will need to transition from the current addition of the orthophosphate/phosphate blend to phosphoric acid (orthophosphate). Additionally, the delivery rate will also change. As a result of these changes the existing 22-year-old system will not be retrofitted.

The Wisconsin Department of Natural Resources requires that the new chemical delivery project be completed, and the system be operational by May 24, 2024. Due to unknowns with equipment delays and manufacturing schedules the staff would like to begin this project as soon as possible.

In order to advance the project an engineering agreement will need to be executed. The engineering will provide a design, bidding documents, construction management, and contract administration for the construction project. The current engineering estimate is \$190,000.

Construction costs will be included in the 2023 budget. The current construction estimate is \$960,000.

RECOMMENDATION:

Authorize the transfer of \$190,000 from the Matthias Tower Pump Station Project to the new 2022 Corrosion Control Treatment Project. If you have any questions or require additional information regarding this project please contact Chris Shaw at 920-832-5945.