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## MEMO

TO: Chairperson Wetzel and Commissioners  
FROM: Andrew Beyer, P.E.  
DATE: October 18, 2023  
RE: Public Works Commission Agenda Narrative for October 24, 2023

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Agenda Item:

Update, no action required: TMDL Implementation Plan

### BACKGROUND

Update, no action required: TMDL Implementation Plan

The City of Watertown is required to submit a TMDL Implementation Plan to the Wisconsin Department of Natural Resources (WDNR) by October 31, 2023 per the Municipal Separate Storm Sewer System (MS4) Permit. As one of the tasks included in the current Urban Nonpoint Source & Storm Water Runoff Planning Grant, Ruekert & Mielke has compiled a TMDL Implementation Plan which WDNR will reimburse the City for 41% of the cost. The MS4 Permit requires the TMDL Implementation Plan to describe how the City will further reduce the Total Suspended Solids (TSS) and Phosphorus in stormwater runoff by 20% and 10% respectively, when comparing the current levels of pollution reduction to the ultimate pollutant reductions required in the Rock River TMDL over the next 5 years. This corresponds with the next 5-year MS4 Permit, which is anticipated to be issued in May 2024.

The TMDL Implementation Plan quantifies the amount of TSS & Phosphorus anticipated to be captured over the next 5 years through:

- Multiple new stormwater Best Management Practices (BMPs)
- Street sweeping
- Leaf collection activities.

Those activities, in addition to the new Watertown Waterways Improvement Program (WWIP) water quality trading program, potential new and redevelopment construction projects, and the general water quality benefits from proposed streambank stabilization projects will meet the planning requirement of an additional 20% TSS and 10% phosphorus reduction. While the WWIP, construction projects and streambank stabilization projects are not currently quantifiable, Engineering Division staff have discussed and received approval from WDNR staff on the approach for this planning document.

The TMDL Implementation Plan will be submitted to WDNR by October 31, 2023.