

## MEMORANDUM

**To:** MCWD Board of Managers  
**From:** Becky Christopher  
**Date:** July 30, 2015  
**Re:** Taft-Legion Lake Project Update

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### Purpose:

The purpose of this memo is to provide an update on the Taft-Legion Lake Regional Volume and Load Reduction Project. No Board action is required.

### Background:

The Taft-Legion Lake Volume and Load Reduction Project was ordered by the Board of Managers in September 2012 and includes the following elements:

- **Infiltration:** Stormwater runoff will be withdrawn from the enhanced basins/ponds and directed to underground infiltration systems in park land surrounding Taft Lake and Legion Lake.
- **Flocculation of Water from Taft Lake:** A flocculation treatment system will treat water withdrawn from Taft Lake, removing dissolved pollutant loads, before it is discharged back into Taft Lake.
- **Natively Planted Lakeshore Buffers:** Native lakeshore buffers will be established in select areas surrounding Legion Lake.
- **Pre-Treatment of Runoff to Legion Lake:** Stormwater from existing pipes will be redirected to expanded sedimentation ponds to remove sediment and phosphorus loads prior to being discharged into Legion Lake.

Under the cooperative agreement with the City of Richfield, the City is responsible for the construction, maintenance, and financing of the project, and the District is responsible for making payments to the City on a 20-year schedule to cover the costs of design, construction, bond issuance and interest. The total storm water utility charges payable by the MCWD are as follows:

- Design and Construction: not to exceed \$2,700,000
- Bond Issuance Costs: \$61,462
- Interest: \$704,662

Annual payments range from approximately \$168,000-\$178,000 and began on February 1, 2014.

The first two phases of the project, frontage road replacement and infiltration system, were completed in 2013-2014. The final phase will include the flocculation system, Legion Lake pre-treatment, and native buffers.

**Current Status:**

In April 2015, the City completed the plans and bid specifications for the final phase of work and submitted them to the District for review and approval. Staff and the District Engineer provided comments, and the plans and specifications were revised to address the District's comments. The City solicited bids and received one bid in the amount of \$813,440. The bid amount is significantly lower than the estimate in the original feasibility report and cooperative agreement for this phase of work (\$1,860,000 and \$1,250,000, respectively), and staff provided concurrence on the City's recommendation to award the bid.

The City will be initiating construction soon, and the District will track the progress and conduct regular site inspections. The City anticipates that the flocculation equipment will be installed and operational by May 2016.

If there are any questions, please contact Becky Christopher at [bchristopher@minnehahacreek.org](mailto:bchristopher@minnehahacreek.org) or 952-641-4512.