Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Greg Wilson, P.E., Stephanie Johnson, Ph.D., P.E.)
Subject: Item 5C– Consider Approval of Revision to Scope and Budget for Northwood and Lost Lakes TMDL Support Services
BCWMC October 22, 2026 Meeting Agenda
Date: October 14, 2026

5D. Consider Approval of Revision to Scope and Budget for Northwood and Lost Lakes TMDL Support Services

Recommendations:

1. Consider amending the April 17, 2025 engineering services scope to include the additional two tasks as outlined in this memorandum and to increase the approved professional services budget by $5,900 to $45,400.

Background

At their April 2025 meeting, the Commission approved a scope of work and $39,500 budget for the Commission Engineer to develop updates to the Commission's pollutant loading model (P8), collect lake sediment cores and complete laboratory analysis, to attend up to two stakeholder meetings, and to prepare a memorandum on results of the technical analyses for use by the MN Pollution Control Agency in the completion of a Total maximum Daily Load (TMDL) study for Northwood and Lost Lakes. This work was completed in February 2026 and since that time MPCA staff have been working on developing the Northwood and Lost Lakes TMDLs.

As of late September, the MPCA had completed the in-lake modeling and technical analyses required for calculation of the TMDLs and was working to establish load reduction goals for each of the primary sources of excess nutrients to the waterbodies. Later this fall, MPCA staff plan to meet with representatives from contributing governments including BCWMC, City of Plymouth, City of New Hope, Hennepin County, and the MN Department of Transportation to discuss their findings. In a similar timeframe, MPCA will also host a meeting with a broader stakeholder group (including lake shore residents) to present results from the draft TMDL and information on next steps. MPCA staff will then complete and distribute a draft TMDL report for review and comment by the public agencies. Following receipt of comments, a final report will then be completed and submitted to the USEPA for approvals.

These remaining two Northwood and Lost Lakes TMDL project meetings and the review/ commenting on the draft TMDL study were unfortunately not included in the original scope and budget approved by the Commission on their April 2025 meeting. This request is to amend the inclusion of these tasks into the approved scope and budget.

Additional information is included below:

Task 1 – Attend Stakeholder Meetings to Review Allocations and Proposed TMDL

We will attend two additional project meetings including one with local governments and one with lake residents on behalf of the BCWMC to review and discuss MPCA findings on the Northwood and Lost Lakes TMDL project . Our proposed budget estimate assumes one of these meetings will be virtual and the other will be in-person. We assume that MPCA staff will create any presentation materials required for the discussions.

Task 2 – Review and Provide Comments on Draft TMDL Report

Barr will review and provide comments on the MPCA's draft TMDL study report for the Northwood and Lost Lakes project. We will also review the in-lake modeling and calculation of required load reductions completed for this study. Comments will be provided to MPCA staff for consideration and inclusion within the final version of the TMDL study report. The proposed budget also includes a meeting with MPCA staff to discuss the Commission's comments before completing the final report, if needed.

Deliverables

- Attendance at two additional project meetings.
- Review and comment on the draft TMDL study report; including a meeting with MPCA staff to discuss BCWMC comments, if needed.

Estimated Cost: The estimated cost for completing these tasks is: $5,900

Recommendation: Consider amending the April 17, 2025 engineering services scope to include the Commission Engineer's attendance at two additional project meetings and for the review and comment on the draft TMDL report and to increase the approved professional services budget by $5,900 to $45,400.