

Memorandum

To: Erica Sniegowski, Nine Mile Creek Watershed District Administrator
From: Katie Turpin-Nagel, P.E., Barr Engineering Co.
Subject: Bush Lake Aquatic Plant Data Summary and Management Considerations
Date: October 21, 2025
c: Lizzie Boor, Janna Kieffer, P.E.

Thank you for requesting a proposed scope of work on behalf of the Nine Mile Creek Watershed District (NMCWD) to review and summarize aquatic plant data collected on Bush Lake and to provide considerations for additional monitoring and aquatic invasive species (AIS) management. This memo summarizes the proposed scope of work.

1 Scope of Work

Task 1. Data Review & Technical Memo

Barr Engineering Co. (Barr) will review and summarize the results of historical aquatic plant surveys conducted by the NMCWD (e.g., qualitative and point-intercept surveys) and provided by the City of Bloomington. Historical water quality data will also be reviewed, as available, to assess indications of water quality impacts due to the presence of curly-leaf pondweed. A technical memorandum will be prepared including brief discussion on the historical presence of submerged AIS (e.g., curly-leaf pondweed, Eurasian watermilfoil), potential water quality and ecological impacts of AIS persistence, the health of the native plant population, and monitoring and management considerations.

Assumptions

1. One round of edits on the memorandum

Deliverable

1. Technical memorandum

Task 2. Meetings

Barr staff will meet with staff from the NMCWD, and other stakeholders as appropriate, to discuss the results of the data review and potential monitoring and management considerations. This scope of work includes preparation time and attendance at up to two virtual meetings.

2 Project Budget

The estimated cost to complete the scope of work is \$7,920--- see Table 1 for additional details. We propose to perform the services on a time and expense basis, in accordance with the existing agreement between NMCWD and Barr, not to exceed \$7,920 without prior approval by you.

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Table 1. Estimated costs, by task

Task	Description	Estimated Hours	Estimated Cost
Task 1	Data Review & Technical Memo	38	\$5,740
Task 2	Meetings	12	\$2,180
Total		50	\$7,920

3 Project Schedule

Assuming that potential AIS management projects will not begin until 2027, Barr will complete Task 1 of the proposed scope of work by February 6, 2026. Task 2 is anticipated to be completed by early March 2026. However, the timeline for Task 2 can be adjusted as necessary to meet NMCWD goals for stakeholder coordination after the memorandum is delivered.

Thank you for the opportunity to prepare this scope of work for the Bush Lake Aquatic Plant Data Summary and Management Considerations. This scope of work has been developed based on discussions with NMCWD staff. The scope can be modified, as desired, to better reflect NMCWD preferences and/or priorities, which may include modifying the proposed level of effort.