



Bassett Creek Watershed Management Commission

November 21, 2024

Mr. Ben Scharenbroich
Water Resources Supervisor
City of Plymouth
3400 Plymouth Boulevard
Plymouth, MN 55447

Re: 2024 Ponderosa Woods Stream Restoration Project, 90% Plan Review (BCWMC CIP 2024 ML-22) – Plymouth, MN

Dear Mr. Scharenbroich:

The Bassett Creek Watershed Management Commission (BCWMC) reviewed the 90-percent stage construction plans for the above-referenced project. This project includes restoring sites along the 2,045-foot reach of the Ponderosa Woods stream northeast of the intersection of Kirkwood Lane North and 18th Avenue North, along with buckthorn removal in the riparian area adjacent to the stream.

The plans were reviewed in accordance with the cooperative agreement between the City of Plymouth and the BCWMC. The BCWMC conditionally approved the plans at its November 20, 2024 meeting, contingent on the final plan set addressing the following comments:

- 1) The revised 90% design (dated November 11, 2024) includes a plunge pool with a "Class III berm" to allow outflow from the basin and avoid permanent ponding. The call-out label in the plan drawing should be updated to reflect whether the berm is Class III fieldstone granite or Class III angular riprap.
- 2) The 90% design includes the removal of 142 trees. Twenty-three of the trees proposed for removal are considered desirable and healthy; this is 10 more desirable and healthy trees than were conditionally approved for removal within the 60% design. The final design must include at least 10, and up to 20, replacement tree plantings. Also, as part of final design, the City must consult with residents in the project area to review potential tree removals and consider modifying the design to avoid removing specific trees slated for removal.
- 3) The project specifications must be updated to include details related to disposing contaminated soil at a municipal solid waste facility, per applicable rules and regulations.
- 4) Design drawings should be updated so that all wetland boundaries within the project area are easily visible; we recommend shading the wetland areas in addition to showing the boundary line.
- 5) The project specifications should be updated as recommended below:
 - a. Section 01100, Mobilization: Suggest adding Demobilization to this specification title and language.
 - b. Section 02020, Excavation and Embankment: Recommend updating "embankment" language to "earth fill" or other language to reflect the design plan's proposed placement of fill rather than embankments.

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- 6) Revised final plans must be submitted to the BCWMC engineer for administrative review and approval.

We reviewed the following information, which was received November 5, 2024:

- 90% design plan set (dated October 30, 2024)
- Response to BCWMC 60% design comments (dated November 1, 2024)
- Final design technical memo (dated November 4, 2024)
- Updated PC-SWMM model package (received November 4, 2024)

We reviewed the following additional information, which was received November 11 and November 12, 2024:

- Stream Repairs Specifications (dated November 6, 2024)
- Revised 90% design plan set (dated November 11, 2024)
- Revised final design technical memo (dated November 11, 2024)
- Revised updated PC-SWMM model package (received November 12, 2024)

If you have questions, please contact me at 612-247-6666 (kchandler@barr.com).

Sincerely,



Karen Chandler, P.E.
Barr Engineering Co.
Engineers for the Bassett Creek Watershed Management Commission (BCWMC)

c: Michael Thompson, City of Plymouth
Laura Jester, BCWMC
Lucius Jonett, Midwest Wetland Improvements