



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4G: 1875 Kyle Place Shoreline Improvements (Gerberding Property)
Golden Valley, MN
BCWMC November 18, 2020 Meeting Agenda
Date: November 10, 2020
Project: 23270051.48 2020 2232

4G 1875 Kyle Place Shoreline Improvements (Gerberding Property) – Golden Valley, MN BCWMC 2020-27

Summary:

Proposed Work: Single-family home shoreline improvements

Basis for Review at Commission Meeting: Work in the floodplain and shoreline improvements

Impervious Surface Area: No change

Recommendation: Approval

General Project Information

The proposed project is located in the Sweeney Lake subwatershed at 1875 Kyle Place in Golden Valley, MN. The applicant proposes to improve the Sweeney Lake shoreline along their property by placing fieldstone riprap, native plantings, and wildflowers along the shoreline. The proposed project does not result in any change of impervious surfaces.

Floodplain

The proposed project includes work in the BCWMC (Sweeney Lake) 1% (base flood elevation, 100-year) floodplain. The October 2019 BCWMC Requirements for Improvements and Development Proposals (Requirements) document states that projects within the floodplain must maintain no net loss in floodplain storage and no increase in flood level at any point along the trunk system (managed to at least a precision of 0.00 feet). The 1% (base flood elevation, 100-year) floodplain elevation of Sweeney Lake is 831.9 feet NAVD88. The project proposer indicated that soil will be removed along the shoreline prior to placement of riprap boulders in order to provide a net zero cut-fill balance and ensure no loss of floodplain storage.

Lakes, Streams, and Wetlands

The proposed project includes shoreline improvements along Sweeney Lake that triggers review by the Commission. As part of the proposed project, a filter and 6"-30" riprap boulders will be installed along the shoreline. The riprap will be installed from elevation 826.2 (approximately 1 foot below the current

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water level) to elevation 828.7 (approximately 1.5 feet above the current water level), which will be a width along the shoreline of approximately 6 feet. The City of Golden Valley is the local government unit (LGU) responsible for administering the Wetland Conservation Act; therefore, BCWMC wetland review is not required.

Rate Control

The proposed project does not create one or more acres of new or fully reconstructed impervious surfaces; therefore, BCWMC rate control review is not required.

Water Quality

The proposed project does not create one or more acres of new or fully reconstructed impervious surfaces; therefore, BCWMC water quality review is not required.






Erosion and Sediment Control

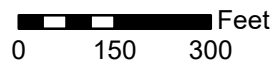
Single family homes are exempt from BCWMC erosion and sediment control requirements.

Recommendation

Approval



-  Project Location
-  Municipality
-  BCWMC Legal Boundary
-  Major Subwatershed
-  Bassett Creek



BCWMC #2020-27
 1875 KYLE PLACE
 SHORELINE IMPROVEMENTS
 Golden Valley, MN

LOCATION MAP