



Memorandum

To: Bassett Creek Watershed Management Commission (BCWMC)
From: Barr Engineering Co. (Barr)
Subject: Item 4D: 170 Maryland Avenue Deck Improvements – Golden Valley, MN
BCWMC September 16, 2021 Meeting Agenda
Date: September 7, 2021
Project: 23270051.52 2021 2261

4D 170 Maryland Avenue Deck Improvements – Golden Valley BCWMC 2021-21

Summary:

Proposed Work: New deck for single-family home

Basis for Review at Commission Meeting: Fill in the floodplain

Impervious Surface Area: Approximately 600 square feet of deck surface

Recommendation: Approval

General Project Information

The proposed project is located in the Sweeney Lake subwatershed at 170 Maryland Avenue in Golden Valley, MN. The proposed project includes a new deck, stairway, and concrete pads, which are in the BCWMC 100-year floodplain. The applicant proposes to mitigate the volume of fill in the floodplain by excavating and creating a raingarden. The proposed project creates an increase of approximately 600 square feet of deck surface.

Floodplain

The proposed project includes work in the BCWMC (West Ring Pond) 1% annual-chance (base flood elevation, 100-year) floodplain. The February 2021 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% annual-chance (base flood elevation, 100-year) floodplain elevation of West Ring Pond is 879.4 feet NAVD88. The proposed project will create 23 cubic feet of fill in the floodplain and will be mitigated by providing 25 cubic feet of compensatory storage.

Lakes, Streams, and Wetlands

The project does not include work in wetlands. 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.

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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

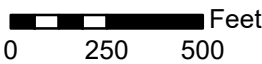
Single family homes are exempt from BCWMC erosion and sediment control requirements.

Recommendation

Approval



-  Project Location
-  Municipality
-  BCWMC Legal Boundary
-  Major Subwatershed
-  BCWMC Hydrologic Boundary



BCWMC #2021-21
 170 MARYLAND AVENUE
 DECK IMPROVEMENTS
 Golden Valley, MN

LOCATION MAP