



## Memorandum

**To:** Bassett Creek Watershed Management Commission  
**From:** Barr Engineering Co.  
**Subject:** Item 4E – 2860 Evergreen Lane – Plymouth  
BCWMC July 21, 2016 Meeting Agenda  
**Date:** July 14, 2016  
**Project:** 23270051 2016 2089

### 4E 2860 Evergreen Lane – Plymouth BCWMC 2016-23

#### Summary:

**Proposed Work:** Replace existing single family home with a new home

**Basis for Commission Review:** Work within the floodplain

**Impervious Surface Area:** Increase 342 sq. ft.

**Recommendation:** Conditional approval

#### General Background & Comments

The proposed project includes demolition of an existing single family home and construction of a new single family home at 2860 Evergreen Lane. The project is located along the west shoreline of Medicine Lake in the Medicine Lake direct subwatershed. The project parcel is 0.31 acres. The entire parcel will be graded resulting in an increase of 342 square feet of impervious surface from 2550 to 2893 square feet.

#### Floodplain

The project is located within the Medicine Lake floodplain (elevation 890.3). Site grading will result in 180 cubic feet of fill within the floodplain and 180 cubic feet of compensatory storage at the site.

#### Wetlands

The City of Plymouth is the LGU for administering the Minnesota Wetland Conservation Act of 1991.

#### Stormwater Management

Under existing and proposed conditions the site drains east toward Medicine Lake.

#### Water Quality Management

There is currently no constructed water quality treatment provided on the site. Because the project is creating and/or reconstructing less than one acre of impervious surface, no water quality treatment is required on-site.

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## **Erosion and Sediment Control**

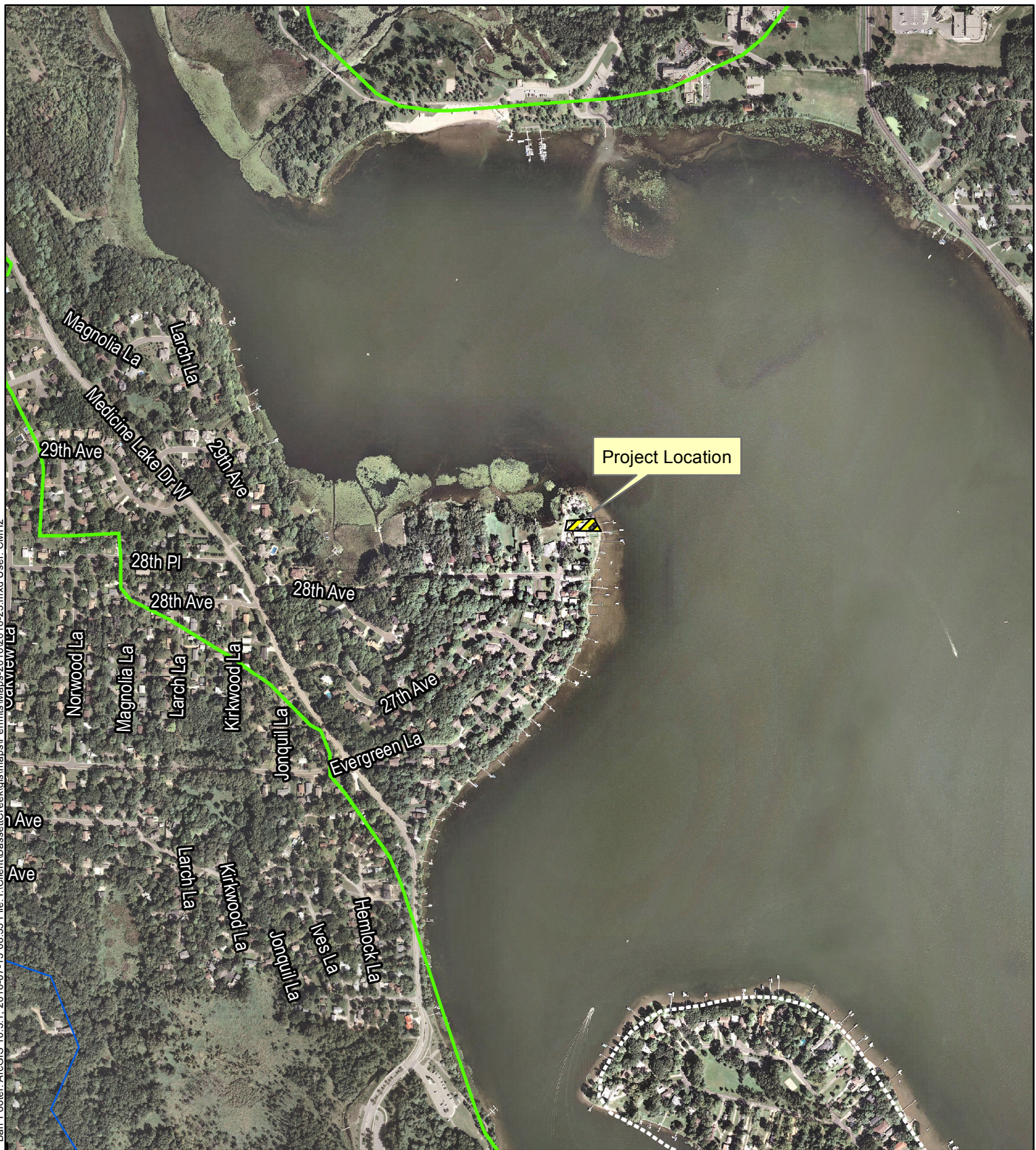
Although single family homes are exempt from the BCWMC erosion control review, an erosion control plan was provided. Proposed temporary erosion control features include silt fence and a rock construction entrance.

## **Recommendation**

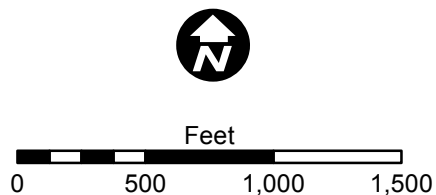
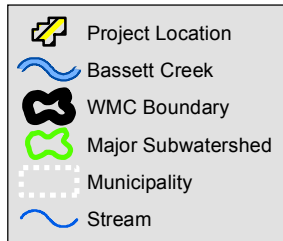
Approval of the submitted plan.



Barr Footer: ArcGIS 10.3.1, 2016-07-13 08:55 File: I:\Client\BassettCreek\gis\maps\Permits\Maps-2016\2016-23.mxd User: CMH2



Imagery Source: Aerial Express (2009)



**LOCATION MAP**  
**APPLICATION 2016-23**  
**2860 Evergreen Lane**  
**Plymouth, MN**