



## Memorandum

**To:** Bassett Creek Watershed Management Commission  
**From:** Barr Engineering Co.  
**Subject:** Item 4F – Bassett Creek Park Playground – Minneapolis, MN  
BCWMC May 17, 2018 Meeting Agenda  
**Date:** May 9, 2018  
**Project:** 23270051 2018 2159

### 4F Bassett Creek Park Playground – Minneapolis, MN BCWMC 2018-12

#### Summary:

**Proposed Work:** Playground Replacement, Picnic Tables Replacement, Walkway and Bench Installation

**Basis for Review at Commission Meeting:** Cut and Fill in the Floodplain

**Impervious Surface Area:** Increase 0.21 Acres

**Recommendation:** Approval

#### General Background & Comments

The proposed project is located in the Bassett Creek Main Stem subwatershed in Minneapolis, MN, at approximately the intersection of Chestnut Avenue West and Thomas Avenue South. The proposed project includes playground replacement, new playground equipment, picnic table replacement, and walkway and bench installation resulting in 1.03 acres of disturbance (grading). The proposed project results in an increase in impervious surface of 0.21 acres from 0.03 acres (existing) to 0.24 acres (proposed).

#### Floodplain

The proposed project includes work in the Bassett Creek floodplain. The August 2017 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 floodplain elevation of Bassett Creek at the project site is 814.7 feet NAVD88. A portion of the site is within the BCWMC floodplain, requiring the creation of compensatory storage for any proposed fill within the floodplain.

The proposed project creates 132.5 cubic yards of floodplain fill at the playground and near a proposed concrete pad southeast of the playground. Compensatory floodplain storage of 135 cubic yards is proposed east of the playground to mitigate floodplain fill. This results in a net increase in floodplain storage of 2.5 cubic yards.

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## **Wetlands**

The proposed project appears to involve work in or adjacent to wetlands. The City of Minneapolis is the local governing unit (LGU) responsible for administering the Wetland Conservation Act, therefore BCWMC wetland review is not required.

## **Stormwater Management**

The proposed project does not create one or more acres of net new or fully reconstructed impervious surfaces and therefore does not trigger the BCWMC requirements for rate control.

## **Water Quality Management**

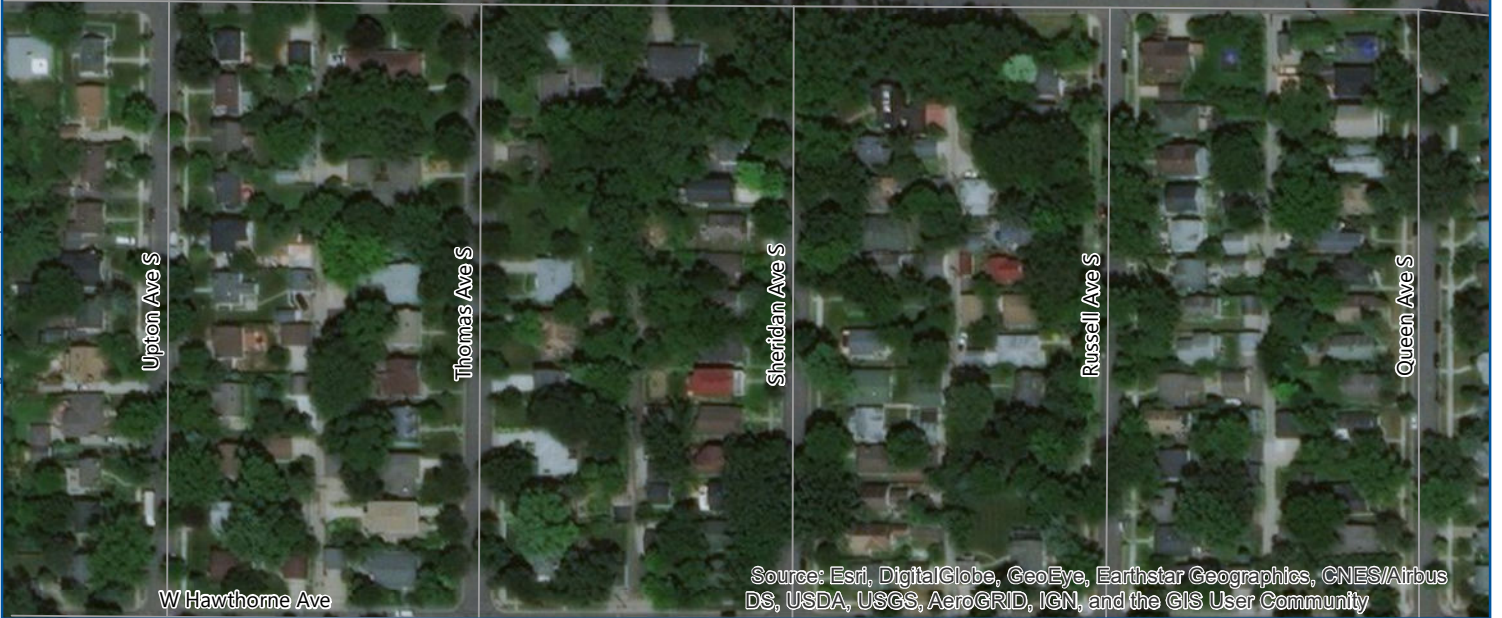
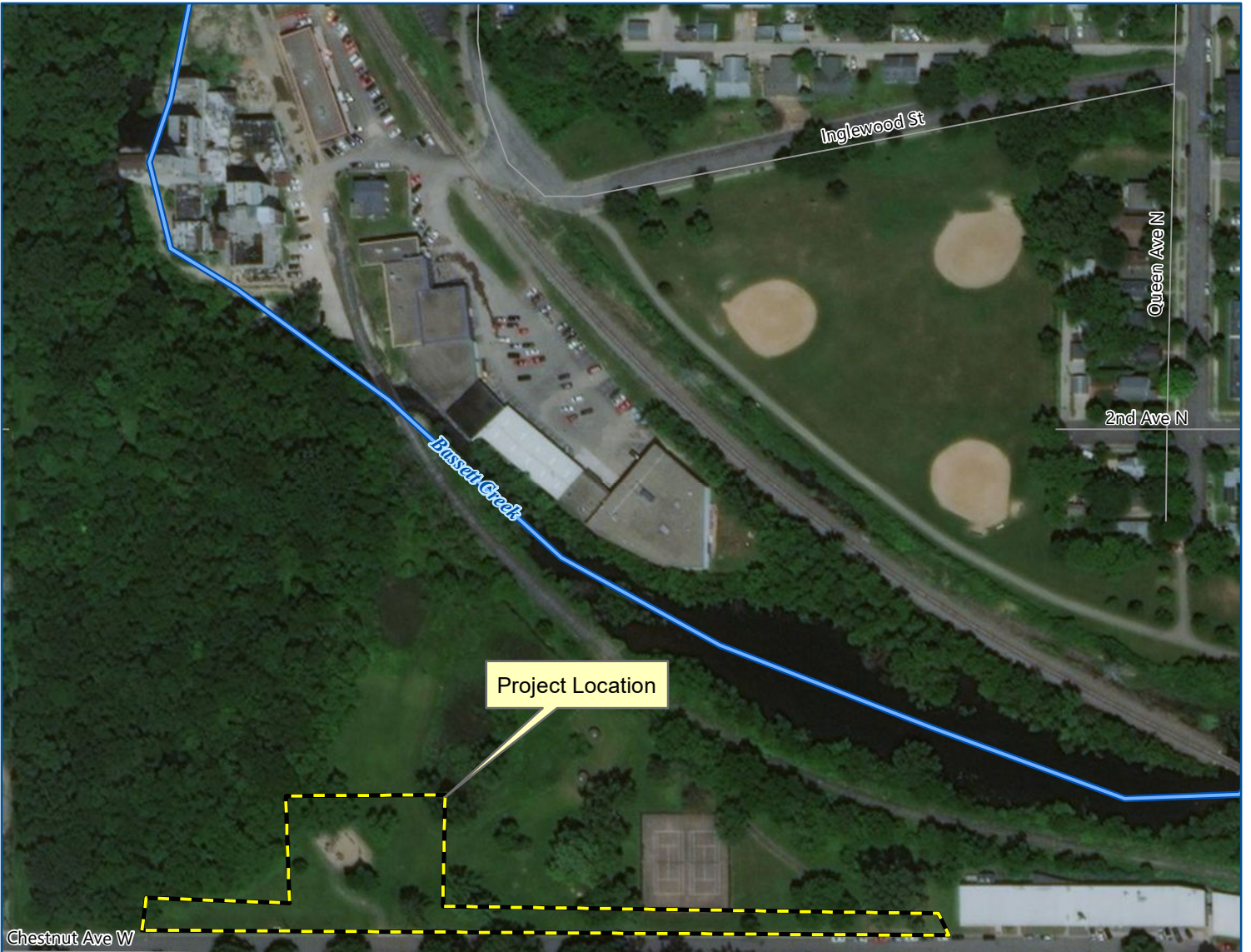
The proposed project does not create one or more acres of net new or fully reconstructed impervious surfaces and therefore does not trigger the BCWMC requirements for water quality.

## **Erosion and Sediment Control**






The BCWMC Requirements document states that proposed projects that involves more than 200 cubic yards of cut/fill or more than 10,000 square feet of land disturbance must meet the BCWMC erosion and sediment control requirements. Proposed temporary erosion and sediment control include silt fence, a woodchip construction entrance, and inlet protection. Permanent erosion and sediment control features include stabilization through seeding and sod.

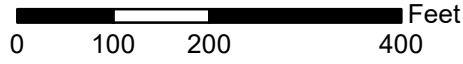
## **Recommendation**

Approval.



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-  Project Location
-  Municipality
-  Basset Creek
-  WMC Boundary
-  Major Subwatershed



BCWMC #2018-12  
 Basset Creek Park  
 Playground

Minneapolis, MN

**LOCATION MAP**