



**MEMO TO:** Planning and Public Works Committee of the Whole

**FROM:** Emily Flanagan, P.E., Senior Stormwater Engineer, EUSD

**DATE:** May 16, 2019

**SUBJECT:** Grant Acceptance for City Center Groundwater Protection -90<sup>th</sup> St Pond Retrofit

**I. PURPOSE** ☐ For Info Only ☐ Potential Agenda Item ☒ Scheduled for Council Action

**II. RECOMMENDATION**

Accept a Department of Ecology (DOE) Grant in the amount of \$250,000 for the City Center Groundwater Protection - 90<sup>th</sup> St Pond Retrofit project, Project No. 20021602.04.01.

**III. DEPARTMENT CONTACTS**

Kristi Wilson, Interim Public Works Director	425-556-2529
Gary Schimek, P.E., Environmental and Utility Services, Manager	425-556-2742
Emily Flanagan, P.E., Senior Stormwater Engineer, EUSD	425-556-2707

**IV. DESCRIPTION/BACKGROUND**

The City Center Groundwater Protection – 90<sup>th</sup> St Pond Retrofit project includes three separate stormwater elements to improve groundwater and surface water quality, as well as reduce operations and maintenance costs. The individual elements include:

- Retrofitting the existing stormwater pond at NE 90<sup>th</sup> Street to improve water quality in the Sammamish River.
- Lining the infiltration pipe along NE 90<sup>th</sup> to protect groundwater aquifer from untreated stormwater. (Completed in 2018.)
- Reducing erosion in the 9200 Ravine to stabilize ravine walls and minimize sediment entering City stormwater pipes.

The DOE Grant will fund permitting and design of the stormwater pond retrofit at NE 90<sup>th</sup> Street. The City will be required to submit progress reports and design documents for review.

The City completed stormwater modeling of existing conditions and potential solutions in the NE 90<sup>th</sup> Street Basin using an on-call contract. The overall project went through Phase Gate 1 in June 2017.

Council approved \$1,349,000 for this project as part of the 2019-2010 budget.

Service Delivery or Fiscal Impacts:

Staff applied for the DOE Grant in 2015 and funding was allocated in the state budget in 2018. The \$250,000 grant is accounted for as anticipated revenue in the 2019-2020 Stormwater CIP budget.

**V. TIME CONSTRAINTS**

The grant funding needs to be spent by June 30, 2020.

**VI. LIST OF ATTACHMENTS**

1. Vicinity Map
2. Grant Agreement