

## FY2019-2025 Capital Investment Program

**S-59 Add On-site Power at Sewer Pump Stations**

Category: **Sewer**  
 Department: **Utilities**

Status: **Closed**  
 Location: **Storm and Sewer Service Area**

**Programmed Expenditures**

<b>Programmed Expenditures</b>	<b>Appropriated To Date</b>	<b>FY 2019 Budget</b>	<b>FY 2020 Budget</b>	<b>FY 2021 Budget</b>	<b>FY 2022 Budget</b>	<b>FY 2023 Budget</b>	<b>FY 2024 Budget</b>	<b>FY 2025 Budget</b>
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**Description and Scope**

This project will add on-site power generation capability at two or three high priority pumping stations which currently rely on portable generators during power outages. Specific locations would be selected based on a study evaluating the likelihood and consequence of sewage overflows, giving consideration to volume of base flow versus wet well capacity; proximity to surface water bodies; geographic distance from portable equipment.

**Rationale**

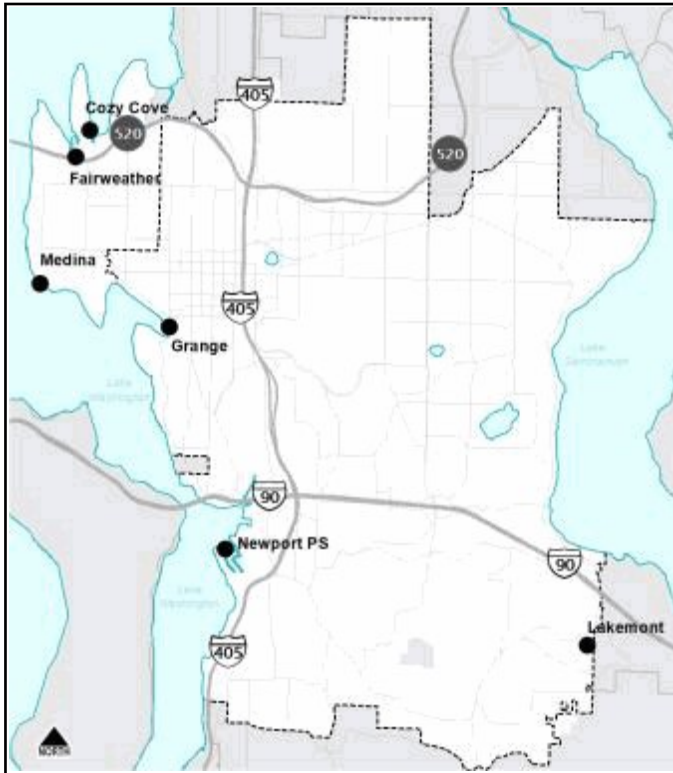
This project along with others in this proposal open salmon access to existing functional habitat, one of the quickest methods to increase salmon populations; helps stabilize streams and improve habitat consistent with Council-approved Lake Washington / Cedar / Sammamish Chinook Salmon Recovery Plan; improves water quality that limits fish viability; protects properties from flooding of structures, flooding which restricts access to residences or businesses, and street flooding that impacts primary emergency routes; restores streams for recreation and environmental health in the redeveloping Bel-Red Corridor; and reduce the potential for sewage overflow to surface water bodies.

**Environmental Impacts**

The long term environmental impacts of each program/project are positive in that they improve or protect stream health and habitat, or eliminate environmental damage caused by flooding. Projects may increase the potential for erosion or siltation during construction. Appropriate environmental review (SEPA) and permits (Critical Areas, Hydraulic Project Approval, US Army Corps) are required for most projects.

**Operating Budget Impacts**

This program will have no significant impact on operating revenues and/or expenditures.

**Project Map****Schedule of Activities**

<b>Project Activities</b>	<b>From - To</b>	<b>Amount</b>
Project Costs	2014 - 2020	302,994

**Total Budgetary Cost Estimate:** 302,994

**Means of Financing**

<b>Funding Source</b>	<b>Amount</b>
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**Total Programmed Funding:** 0  
**Future Funding Requirements:** 302,994

**Comments**