



COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG) PROPOSAL
Sewer Pump Station Reliability Improvements Project
City of Aberdeen Engineering Department
May 12, 2020

The proposed Sewer Pump Station Reliability Improvements Project includes 1) reconstruction of mechanical and electrical systems at Pump Station 5 and 2) installation of bypass pumping connections at Pump Stations 4, 5, 6, and 7. Each of these pump stations is located within the City limits. The City has a Low to Moderate Income (LMI) population exceeding 51%. The pump station locations are shown in Figure 1 on this sheet.

The cost estimate for the project is \$900,000. The improvements are proposed to be completed as a single, integrated project to improve reliability and reduce the risk of spills for these aging pump stations. These projects have been identified as high priority in the City’s draft Wastewater Facilities Plan. Grant funding for capital projects within the Sewer Utility is part of a balanced funding approach to include grants, loans, and utility collections as revenues to fund critical utility infrastructure upgrades, using debt and outside grant revenues to mitigate the impact of utility rate increases which are currently on schedule to increase from \$38.62 in 2019 to \$72.00 by 2024 as approved by ordinance in late 2019.

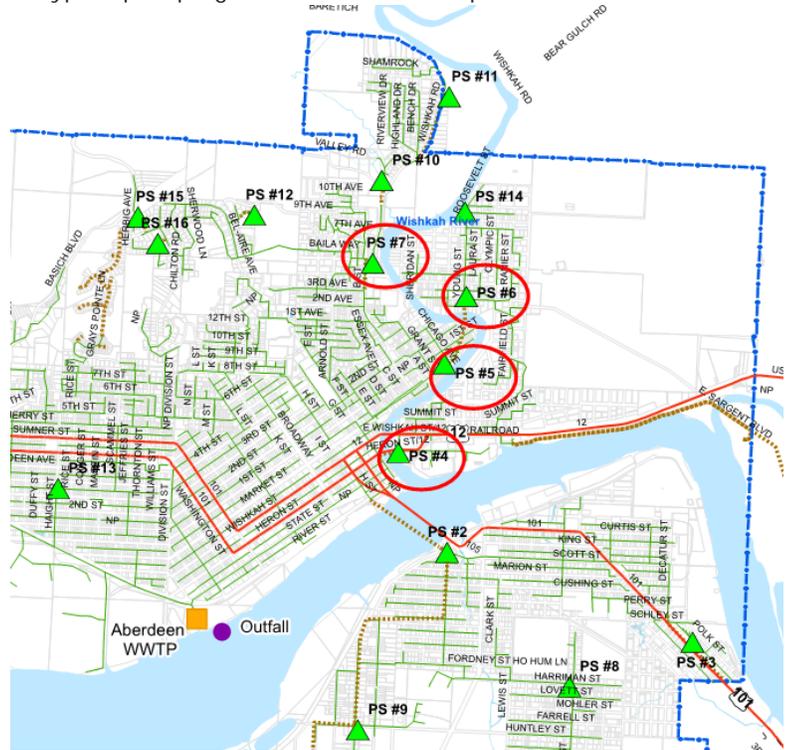


Figure 1: Locations of Pump Stations 4, 5, 6, and 7

Pump Station 5 Rehabilitation

Work at Pump Station 5 will rehabilitate and replace aging infrastructure. The station is not in compliance with Washington State standards specified in the Criteria for Sewage Works Design, putting the City at risk of sanitary sewer overflows to the Wishkah and Chehalis Rivers. The project includes:

- Replacement of aging electrical and mechanical equipment (piping, ladder, hatches, etc.)
- Rehabilitation of concrete structures
- Replacement of the undersized force main that is limiting the capacity of the station

Bypass Pumping Connections: Pump Stations 4, 5, 6, and 7

This work will improve station reliability and reduce the risk of spills by providing bypass connections to allow flows to be pumped when the stations are out of service. All four of these stations either pump wastewater under the Wishkah or Chehalis Rivers or are located immediately adjacent to these waterways. If one of these pump stations were to experience a major shutdown today, lack of bypass pumping ability would require manual collection and trucking of sewage to avoid a spill into the adjacent tidal estuary.

OPPORTUNITY TO FOR PUBLIC COMMENT

A public hearing concerning the CDBG grant and the proposed sewer pump station project will be held by the Aberdeen City Council during a telephone meeting on May 27, 2020. The public is invited to call in and to offer testimony on the proposed plans. If you need to offer verbal testimony, please provide your name and telephone number before the meeting to Kris Koski at kkoski@aberdeenwa.gov to be added to the testimony queue. Comments may also be submitted in writing to the City through June 2, 2020. Submit written comments to Kris Koski, City Engineer, 200 East Market Street, Aberdeen, Washington 98520.