

Spinnaker Court Sewage Pumping Station, L02 and Force Main
Project Number: SPS-123
Project Summary
Project Commencement: Anticipated Start of Construction September 2024

Project Description: The existing Spinnaker Court Sewage Pumping Station (SPS), constructed in 1970 as a wet well/dry well station, will be replaced to ensure the SPS meets the latest codes and standards. The project will involve upgrading the aging structures and equipment. Additionally, 500 linear feet of 6-inch Force Main (FM) will be installed to replace the current 4-inch FM discharging from the SPS to a manhole at Helm Court. The new station will ensure continued service and reliability of the water system in the community for many years. Construction will begin in September 2024 and is anticipated to be completed in June 2026.

Project Website: <https://princewilliamwater.org/our-community/capital-projects/spinnaker-court-sewage-pumping-station-l02-and-force-main>

Scope of Work: This project consists of installing a new submersible SPS with a new control building, emergency generator, SPS by-pass connection on the FM pipe, and new flow metering equipment. The proposed Control Building will be about 12' in height and will be approximately 12' by 20' in size consisting of a faux-brick façade. The facility will be enclosed with a fence and locked for security. Additionally, the project will provide an emergency backup power supply.

Project benefits: The project will upgrade an important infrastructure within the sewage collection system, improve service reliability and provide safety conditions.

Project impact on residents/customers

- Noise associated with construction.
- Construction trucks accessing the SPS.
- Daily cleanup during construction to remove dust and dirt.
- Limited access to the trails and no access to Homeowners Association (HOA) basketball court during construction.

If any disruption to sanitary sewer service is required, notifications will be given to residents 24 hours in advance.

Potential impact on traffic: Our standard roadway and traffic matters are outlined below. The Construction Contractor will be required to comply with Department of Environmental Quality (DEQ) Erosion and Sediment Control requirements to ensure all construction traffic does not track dirt on roads. Prince William Water included in the construction contract a provision for fees to be assessed if the Construction Contractor does not comply with these requirements. Regular project updates to the impact of traffic will be listed on the website [Spinnaker Court Project](#).

1.2 Roadways and Traffic

A. Maintenance of Traffic

1. Maintenance of traffic shall conform to the requirements of the Right-of-Way Land Use Permit issued by VDOT and the requirements of other regulatory agencies having jurisdiction.

B. Maintenance of Roadways

1. The Contractor shall sweep and wash all paved roads that are used for hauling, in accordance with the requirements of the DEQ's Erosion and Sedimentation Control Handbook, or as

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directed by the Owner or Project Representative. At a minimum, the Contractor shall sweep and wash all paved roads at the Site daily.

2. The Contractor shall provide a wheel wash facility at the construction entrance to the project from the adjacent paved road, in accordance with the requirements of the Virginia Erosion and Sedimentation Control Handbook, latest edition, or as directed by the Owner or Project Representative. All vehicles leaving unpaved roads must use the wheel wash facility before using paved roads.

C. Public Service Vehicles

1. Contractor shall ensure that school buses, postal service vehicles, trash collection vehicles, emergency vehicles, police, and other public service vehicles can conduct their business in accordance with the requirements of VDOT or other right-of-way permitting agency having jurisdiction.

D. Parking

1. The Contractor will make suitable parking arrangements for the use of all construction workers and others performing Work or furnishing services in connection with the Contract, to avoid any need for parking personal vehicles where they may interfere with public traffic, residents' use of private property, or construction activities.

Project Duration: Approximately 22 months

Project Engineer: GHD, Inc.

Project Point of Contact (POC): **Bijay Subedi, P.E., CCM, ENV SP**
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