

Project Summary

Heritage Hunt Sewage Pumping Station and Force Main

Project Description:

The Service Authority (SA) owns and operates the Heritage Hunt Sewage Pumping Station (SPS) located in the Little Bull Run Sewer Shed. The SA is undertaking the upgrade of the existing Heritage Hunt SPS to convey up to 7.81 Million Gallons per Day (MGD) in order to meet sewage demands in the Little Bull Run and Catharpin Creek Sewersheds in conformance with the current Prince William County Comprehensive Plan.

The existing force main (FM) system consists of a 16-inch ductile iron and a 10-inch PVC FM that act in parallel. The existing FMs do not provide sufficient capacity to convey the ultimate flow of 7.81 MGD. A new 24-inch ductile iron FM with a length of 8,200 linear feet will convey wastewater from the Heritage Hunt SPS to the corner of Heathcote Boulevard and Route 29, where it will connect to an existing 24-inch FM previously installed. Ultimately, the wastewater is conveyed to the Upper Occoquan Service Authority treatment plant.

Project Engineer's Function:

Dewberry Engineers, Inc. (Dewberry) is the Engineer of Record for this project. Dewberry prepared the construction documents for the new sewage pump station and for the new 24-inch ductile iron force main. Dewberry will provide the Service Authority with construction administration services through the construction and close-out phases of the project.

Project Representative's Function:

RK&K is the Project Representative for this project. RK&K will represent the Service Authority during the construction of the project and will provide day-to-day construction management of the work.

Project Benefits:

- Increase system capability to meet the current and future flows
- Provide a more reliable facility
- Maintain service reliability for all customers
- Update noise and odor control technology

Project Timeframe:

- Public Facility Review Process: Completed February 1, 2017
- Design, Permitting, and Advertisement for Bids: July 2020 through January 2022
- Bid Opening: Held February 15, 2022
- Approval to Award Construction Contract: Board of Directors Meeting on April 14, 2022
- Anticipated Start of Construction: Summer 2022
- Anticipated Completion of Construction: Fall/Winter 2024

Project Website: <https://www.pwcsa.org/heritage-hunt-project>

Project Email Address: heritagehunt@pwcsa.org