

Occoquan Forest SPS #36 and SPS #37 Replacement
Project Summary

Project Description / Project Overview

The key components of this Prince William County Service Authority project include the following:

Occoquan Forest Sewage Pump Station (SPS) #36 Replacement

- Partial abandonment and demolition of existing SPS #36.
- Demolition of abandoned water treatment facility.
- Demolition of abandoned Well #2 and abandoned Well #5.
- Construction of suction lift SPS and associated yard piping.
- Permitting and installation of precast manufactured building, including the design and installation of wood truss roof.
- Installation of approximately 3,750 feet of 6-inch diameter sewer force main.
- Installation of approximately 55 feet of 10-inch diameter gravity sewer and manholes.
- Installation of approximately 120 feet of 3/4-inch water main, 145 feet of 2-inch water main, and 5 feet of 4-inch water main.
- Trench restoration.
- Mill and overlay Virginia Department of Transportation road and private road.

Occoquan Forest Sewage Pump Station (SPS) #37 Rehabilitations

- Removal of enclosure and modifications to concrete slab on existing SPS #37.
- Construction of suction lift SPS and associated yard piping.
- Permitting and installation of precast manufactured building, including the design and installation of wood truss roof.
- Installation of approximately 55 feet of 4-inch diameter sewer force main.

Project Duration:

- Anticipated Start of Construction: Spring/Summer 2021
- Estimated Completion: Summer/Fall 2023

Purpose of the Project:

- Replace antiquated SPS and force main.
- Provide a more aesthetically pleasing SPS.
- Provide permanent emergency backup power supply.
- Improve safety conditions at the SPS.
- Reduce maintenance.
- Demolish existing SPS.
- Extend electrical service to the pavilion.
- Provide water access to the pavilion.
- Demolish the existing water treatment facility and two wells.
- Regrade and stabilize the water treatment facility and two well sites.

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Service Authority Commitments:

- To restore property affected by Service Authority construction to original or better condition.
- To maintain road access at all times.
- To maintain access for emergency services, school buses, trash, mail and other services.
- To continuously communicate and work with the Occoquan Forest Owners Association (OFOA) concerning project status including anticipated service interruptions.
- To respond quickly to residents' concerns.
- Daily clean up by the Contractor, including dirt tracked on roads is required.
- Service Authority Inspector on site daily and as necessary.
- Construction Manager / SA Project Representative on site for the duration of the project.
- Temporary parking or staging areas will be coordinated with the OFOA if needed by the contractor prior to construction.

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Project Website: <https://www.pwcsa.org/Occoquan36-project>

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