

PWCSA CAPITAL IMPROVEMENT PROJECT DATA SHEET

PROJECT INFORMATION

Project Name: Facility Wide Improvements – Design-Build Project

CIP Number: WRF-138

JDE Number(s): 22SMPP0012, 24SMPP0012

Location: H.L. Mooney AWRF

Pressure Zone: WL – Woodbridge

Sewershed: NE – Neabsco

Magisterial District: WB – Woodbridge

Project Estimate: Order of Magnitude

Estimate By: RK&K

PROJECT DESCRIPTION

Project Description: Project includes improvements to several areas of the plant including: primary clarifier and facility odor control upgrades; primary clarifier collection equipment upgrades; primary clarifier electrical improvements; equalization basin modifications; influent flow diversion structure; UV Building – additional UV equipment; yard valve replacement; methanol storage addition; lime system upgrades; ferric system improvements; secondary clarifier improvements; plant structural protection and refurbishment; polymer system replacement; solids facilities improvements; headworks capacity improvements; Featherstone SPS force main improvements; and refurbishment of the freight elevators in the Control & Process and Solids Handling Buildings.

Project Benefit: This project will provide improved plant resiliency, level of service, and allow the plant to continue to meet its NPDES permit requirements.

Source Derivation: Environmental Services and Water Reclamation Division; Managed by the Project Management Office.

PROJECT PICTURE



PROJECT FUNDING

PRE-FY24	FY24	FY25	FY26	FY27	FY28	POST- FY28	TOTAL
16083	17000	48150	49186	46000	46000	0	222419

Proposed Funding Sources	
Exp. Fund (02) – Availability Fees	-
Commit. Fund (03) – Availability Fees	30%
Repl. Fund (04) – User Rates	70%
Other Contrib. – Development Contributions	-
PROJECT TOTAL	100%