

**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	-
<b>PROJECT TOTAL</b>	<b>100%</b>