

**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 Creek

**Magisterial District:** WB – Woodbridge

**Criteria:** 2, 4, 5

**Project Estimate:** Order of Magnitude

**Estimate By:** Operations & Maintenance Division

**PROJECT DESCRIPTION**

**Project Description:** Project includes improvements to several areas of the plant including: primary clarifier odor control upgrades; primary clarifier collection equipment upgrades; primary clarifier electrical improvements; equalization basin modifications; RAS Building No. 1 - RAS pumps modifications; UV Building - additional UV equipment; yard valves - replacement; methanol storage addition; lime system upgrades; ferric system improvements; secondary clarifier improvements; plant structural protection and refurbishment; polymer system replacement.

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

**Source Derivation:** Environmental Services & Water Reclamation Division

**PROJECT PICTURE**



**PROJECT FUNDING**

PRE-FY20	FY20	FY21	FY22	FY23	FY24	POST-FY24	TOTAL
56	750	1000	1000	1000	1944	75704	81454

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