

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 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.

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 Environmental Services and Water Reclamation Division

PROJECT PICTURE



PROJECT FUNDING

| PRE-FY22 | FY22 | FY23 | FY24 | FY25 | FY26 | POST-FY26 | TOTAL |
|----------|------|-------|-------|-------|-------|-----------|--------|
| 453 | 7000 | 24000 | 35000 | 33000 | 22000 | 0 | 121453 |

| 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% |