

Sam Rice Manor WWPS & FM

| A. Identification and Coding Information | | | PDF Date | October 1, 2024 | Pressure Zones | |
|--|----------------|-------------|--------------|-----------------|-----------------|-------------------|
| Agency Number | Project Number | Update Code | Date Revised | | Drainage Basins | Lower Anacostia 9 |
| S - 000063.08 | 382303 | Change | | | Planning Areas | Patuxent PA 15 |

B. Expenditure Schedule (000's)

| Cost Elements | Total | Thru FY'24 | Estimate FY'25 | Total 6 Years | Year 1 FY'26 | Year 2 FY'27 | Year 3 FY'28 | Year 4 FY'29 | Year 5 FY'30 | Year 6 FY'31 | Beyond 6 Years |
|--------------------------------|-------|------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Planning, Design & Supervision | 1,017 | 167 | 132 | 718 | 268 | 225 | 225 | | | | |
| Land | | | | | | | | | | | |
| Construction | 5,500 | | | 5,500 | | | | 2,200 | 2,200 | 1,100 | |
| Other | 953 | | 20 | 933 | 40 | 34 | 34 | 330 | 330 | 165 | |
| Total | 7,470 | 167 | 152 | 7,151 | 308 | 259 | 259 | 2,530 | 2,530 | 1,265 | |

C. Funding Schedule (000's)

| | | | | | | | | | | | |
|------------|-------|-----|-----|-------|-----|-----|-----|-------|-------|-------|--|
| WSSC Bonds | 1,264 | 28 | 26 | 1,210 | 52 | 44 | 44 | 428 | 428 | 214 | |
| SDC | 6,206 | 139 | 126 | 5,941 | 256 | 215 | 215 | 2,102 | 2,102 | 1,051 | |

D. Description & Justification

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| <p>DESCRIPTION</p> <p>This project provides for the planning, design, and construction of a 0.12 MGD wastewater pumping station and 3,521 linear feet of force main. The relocated wastewater pumping station and force main will provide service to the existing and future Ashton Service Area.</p> <p>BENEFIT</p> <p>Infrastructure Reinvestment: This project replaces existing infrastructure that has exceeded its useful life; System Capacity: This project will enhance existing infrastructure by building additional capacity in order to meet existing and/or future demand</p> <p>JUSTIFICATION</p> <p>The existing pumping station was originally installed in 1977 and has reached the end of its useful life. The station does not meet current standards and is in jeopardy from encroaching streambank erosion. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #191).</p> <p>COST CHANGE</p> <p>Not applicable.</p> <p>OTHER</p> <p>The project scope has remained the same. The schedule and expenditure projections shown in Block B above are preliminary planning level estimates and are expected to change based upon site conditions and design constraints. Planning work began in FY'21 under ESP S-625.02, Sam Rice Manor WWPS Rehabilitation. Future land costs are included in project S-203.00.</p> <p>COORDINATION</p> <p>Coordinating Agencies: Maryland Department of Natural Resources; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Government</p> <p>Coordinating Projects: Not Applicable</p> |
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| E. Annual Operating Budget Impact (000's) | | FY of Impact |
|---|-------|--------------|
| Staff & Other | | |
| Maintenance | \$66 | 32 |
| Debt Service | \$74 | 32 |
| Total Cost | \$140 | 32 |
| Impact on Water and Sewer Rate | | |

| F. Approval and Expenditure Data (000's) | |
|--|-------|
| Date First in Program | FY'23 |
| Date First Approved | FY'23 |
| Initial Cost Estimate | 5,501 |
| Cost Estimate Last FY | 7,721 |
| Present Cost Estimate | 7,470 |
| Approved Request Last FY | 128 |
| Total Expense & Encumbrances | 167 |
| Approval Request Year 1 | 308 |

| G. Status Information | |
|---------------------------|-----------------------------|
| Land Status | Land and R/W to be acquired |
| Project Phase | Planning |
| Percent Complete | 10 % |
| Estimated Completion Date | December 2030 |
| Growth | 83% |
| System Improvement | 17% |
| Environmental Regulation | |
| Population Served | |
| Capacity | 0.12 MGD |

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| H. Map |
| MAP NOT APPLICABLE |