

Blue Plains: Pipelines & Appurtenances

| A. Identification and Coding Information |                |             | PDF Date     | October 1, 2023  | Pressure Zones  |              |
|--|----------------|-------------|--------------|------------------|-----------------|--------------|
| Agency Number                            | Project Number | Update Code | Date Revised | February 1, 2024 | Drainage Basins | Bi-County 30 |
| S - 000022.11                            | 113804         | Change      |              |                  | Planning Areas  | Bi-County    |

B. Expenditure Schedule (000's)

| Cost Elements                  | Total   | Thru FY'23 | Estimate FY'24 | Total 6 Years | Year 1 FY'25 | Year 2 FY'26 | Year 3 FY'27 | Year 4 FY'28 | Year 5 FY'29 | Year 6 FY'30 | Beyond 6 Years |
|--------------------------------|---------|------------|----------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|----------------|
| Planning, Design & Supervision |         |            |                |               |              |              |              |              |              |              |                |
| Land                           |         |            |                |               |              |              |              |              |              |              |                |
| Construction                   | 286,497 |            | 16,289         | 194,564       | 15,785       | 18,550       | 29,097       | 46,056       | 44,313       | 40,763       | 75,644         |
| Other                          | 2,866   |            | 163            | 1,947         | 158          | 186          | 291          | 461          | 443          | 408          | 756            |
| Total                          | 289,363 |            | 16,452         | 196,511       | 15,943       | 18,736       | 29,388       | 46,517       | 44,756       | 41,171       | 76,400         |

C. Funding Schedule (000's)

|                   |         |  |        |         |        |        |        |        |        |        |        |
|-------------------|---------|--|--------|---------|--------|--------|--------|--------|--------|--------|--------|
| WSSC Bonds        | 268,924 |  | 14,840 | 182,655 | 14,822 | 17,191 | 27,486 | 42,774 | 40,809 | 39,573 | 71,429 |
| City of Rockville | 20,439  |  | 1,612  | 13,856  | 1,121  | 1,545  | 1,902  | 3,743  | 3,947  | 1,598  | 4,971  |

D. Description & Justification

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| <p><b>DESCRIPTION</b></p> <p>This project provides funding for WSSC Water's share of Blue Plains-associated projects which are generally situated "outside the fence" of the treatment plant. There are 30 projects from the DC Water capital program under this project. Major projects in FY'25 include: rehabilitation of various portions of the Potomac Interceptor (LZ); reactivation of the Anacostia FM/GS (PJ); on-going construction of the Potomac River Tunnel (CZ); renovations to the central office facility (COF) and central maintenance facility (CMF) at Blue Plains (HJ and HK); and various on-going rehabilitation projects on major sewers including the AFM, RCMI, Oxon Run and influent sewers to Blue Plains (RC and RD).</p> <p><b>BENEFIT</b></p> <p>Regulatory &amp; Other Agreements: This project is required to meet regulatory requirements, multi-jurisdictional agreements, and/or consent decrees; Infrastructure Reinvestment: This project replaces existing infrastructure that has exceeded its useful life; Environmental Sustainability: This project supports WSSC Water's commitment to protect the natural environment of Prince George's and Montgomery Counties</p> <p><b>JUSTIFICATION</b></p> <p>This is a continuation of DC Water's upgrading of the Blue Plains-associated projects outside the fence. Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); Technical Memorandum No. 1, Multi-Jurisdictional Use Facilities Capital Cost Allocation (June 2013); and DC Water's preliminary FY'24-FY33 Capital Improvements Program.</p> <p><b>COST CHANGE</b></p> <p>The schedule and expenditure projections were updated to reflect the latest estimates available from DC Water for the constituent Blue Plains joint-use projects as of May 2023.</p> <p><b>OTHER</b></p> <p>The project scope has remained the same. Project costs are derived from the DC Water Capital Budget 10-year forecast of spending and DC Water's latest project management data, and reflect DC Water's cost estimates and expenditure schedules available at the time this document was prepared. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost, which varies by project based on the City's relative share of WSSC Water's flow as derived in the Multi-Jurisdiction Use Facilities Study.</p> <p><b>COORDINATION</b></p> <p>Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)</p> <p>Coordinating Projects: Not Applicable</p> |
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| E. Annual Operating Budget Impact (000's) |          | FY of Impact |
|---|----------|--------------|
| Staff & Other                             |          |              |
| Maintenance                               |          |              |
| Debt Service                              | \$14,549 |              |
| Total Cost                                | \$14,549 |              |
| Impact on Water and Sewer Rate            | \$0.03   |              |

| F. Approval and Expenditure Data (000's) |         |
|--|---------|
| Date First in Program                    | FY'11   |
| Date First Approved                      | FY'02   |
| Initial Cost Estimate                    |         |
| Cost Estimate Last FY                    | 225,898 |
| Present Cost Estimate                    | 289,363 |
| Approved Request Last FY                 | 16,452  |
| Total Expense & Encumbrances             |         |
| Approval Request Year 1                  | 15,943  |

| G. Status Information     |                |
|---------------------------|----------------|
| Land Status               | Not Applicable |
| Project Phase             | On-Going       |
| Percent Complete          | 0 %            |
| Estimated Completion Date | On-Going       |

|                          |     |
|--------------------------|-----|
| Growth                   |     |
| System Improvement       | 45% |
| Environmental Regulation | 55% |
| Population Served        |     |
| Capacity                 |     |

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| <p><b>H. Map</b></p> <p>MAP NOT AVAILABLE</p> |
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