

Blue Plains: Pipelines & Appurtenances

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

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											
Land											
Construction	252,216		15,785	216,921	16,862	29,097	46,056	44,313	40,763	39,830	19,510
Other	2,354		158	2,001		291	461	443	408	398	195
Total	254,570		15,943	218,922	16,862	29,388	46,517	44,756	41,171	40,228	19,705

C. Funding Schedule (000's)

WSSC Bonds	237,987		14,822	204,638	15,317	27,486	42,774	40,809	39,573	38,679	18,527
City of Rockville	16,583		1,121	14,284	1,545	1,902	3,743	3,947	1,598	1,549	1,178

D. Description & Justification

<p>DESCRIPTION</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 22 projects from the DC Water capital program under this project. Major projects in FY'26 include: rehabilitation of various portions of the Potomac Interceptor (LZ); 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 upgrades to sewer pumping stations (RS, RT and RU). Other projects with significant spending over the 6-year period include on-going rehabilitation projects on major sewers including the AFM, RCMI, Oxon Run and influent sewers to Blue Plains (RC and RD).</p> <p>BENEFIT</p> <p>Regulatory & 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>JUSTIFICATION</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'25 - FY34 Capital Improvements Program.</p> <p>COST CHANGE</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 April 2024</p> <p>OTHER</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>COORDINATION</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	\$12,678	
Total Cost	\$12,678	
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	289,363
Present Cost Estimate	254,570
Approved Request Last FY	15,943
Total Expense & Encumbrances	
Approval Request Year 1	16,862

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	

H. Map
MAP NOT AVAILABLE