

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information			PDF Date	October 1, 2020	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'20	Estimate FY'21	Total 6 Years	Year 1 FY'22	Year 2 FY'23	Year 3 FY'24	Year 4 FY'25	Year 5 FY'26	Year 6 FY'27	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	175,101		13,487	113,302	10,356	9,836	11,842	30,745	28,697	21,826	48,312
Other	1,752		135	1,134	104	98	119	308	287	218	483
Total	176,853		13,622	114,436	10,460	9,934	11,961	31,053	28,984	22,044	48,795

C. Funding Schedule (000's)

WSSC Bonds	162,913		12,465	105,532	9,542	9,053	10,885	29,008	26,859	20,185	44,916
City of Rockville	13,940		1,157	8,904	918	881	1,076	2,045	2,125	1,859	3,879

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. Current projects include: Potomac Interceptor Rehabilitation (LZ); Potomac Sewage Pumping Station Rehabilitation (MJ14); Main Sewage Pumping Station intermediate repairs (MJ21); Renovations to the Central Maintenance Facility (HK); Influent Sewers Rehabilitation (HS); and, projects associated with the Combined Sewer Overflow (CSO) Long Term Control Plan under the DC Clean Rivers Program - Anacostia and Potomac Tunnels (CY and CZ).</p> <p>JUSTIFICATION</p> <p>This is a continuation of DC Water's upgrading of the Blue Plains-associated projects outside the fence. The Blue Plains Inter-municipal Agreement of 2012; the DCWASA Master Plan (1998); Technical Memorandum No. 1, Multi-Jurisdictional Use Facilities Capital Cost Allocation, (June 2013); and the DC Water Approved FY2021 Capital Improvement Program.</p> <p>COST CHANGE</p> <p>Increased estimates beginning in FY'25 are attributed to continued major construction to repair and rehabilitate portions of the Potomac Interceptor (LZ) and the Anacostia FM (PJ) as well as active construction of the LTCP Potomac Tunnel (CZ).</p> <p>OTHER</p> <p>The project scope has remained the same. Project costs are derived from the DC Water Capital & Operating Budget 10-year forecast and project management data, and reflect DC Water's expenditure estimates and schedules. Given the open-ended nature of the project, 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>

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$9,175	
Total Cost	\$9,175	
Impact on Water and Sewer Rate	\$0.02	

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	172,974
Present Cost Estimate	176,853
Approved Request Last FY	13,622
Total Expense & Encumbrances	
Approval Request Year 1	10,460

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
<p>MAP NOT AVAILABLE</p>