

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000022.11	113804	Change

PDF Date	October 1, 2021
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'21	Estimate FY'22	Total 6 Years	Year 1 FY'23	Year 2 FY'24	Year 3 FY'25	Year 4 FY'26	Year 5 FY'27	Year 6 FY'28	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	218,805		10,356	177,813	13,578	18,131	36,275	53,056	31,780	24,993	30,636
Other	2,189		104	1,779	136	181	363	531	318	250	306
Total	220,994		10,460	179,592	13,714	18,312	36,638	53,587	32,098	25,243	30,942

C. Funding Schedule (000's)

WSSC Bonds	205,065		9,542	166,818	12,460	17,091	34,185	50,578	29,224	23,280	28,705
City of Rockville	15,929		918	12,774	1,254	1,221	2,453	3,009	2,874	1,963	2,237

D. Description & Justification

DESCRIPTION

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 65 projects from the DC Water capital program under this project. Major projects in FY'23 include: rehabilitation of various portions of the Potomac Interceptor (LZ); reactivation of the Anacostia FM/GS; and construction associated with the Combined Sewer Overflow (CSO) Long Term Control Plan - for the Potomac Tunnel (CZ).

BENEFIT

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.

JUSTIFICATION

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 FY'22 Capital Improvements Program.

COST CHANGE

Substantial work is required on some of the largest sewers of the collection system that carries WSSC Water sewage to Blue Plains. Significant increases in forecasted spending will occur starting in FY'25 at which time several of the projects are planned to be on-going simultaneously including: on-going construction of the Potomac Tunnel; rehabilitation of the Potomac Interceptor and the AFM/GS, Rock Creek Main Interceptor, and Oxon Run Interceptor; rehab of the Main Outfall sewers; and upgrades to various pumping stations.

OTHER

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.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$11,859	
Total Cost	\$11,859	
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	176,853
Present Cost Estimate	220,994
Approved Request Last FY	10,460
Total Expense & Encumbrances	
Approval Request Year 1	13,714

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