

Blue Plains WWTP: Plant-wide Projects

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 - 000022.09	023805	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	99,526		10,704	70,709	9,793	13,707	17,531	10,101	8,184	11,393	18,113
Other	995		107	707	98	137	175	101	82	114	181
Total	100,521		10,811	71,416	9,891	13,844	17,706	10,202	8,266	11,507	18,294

C. Funding Schedule (000's)

WSSC Bonds	95,003		10,218	67,495	9,348	13,084	16,734	9,642	7,812	10,875	17,290
City of Rockville	5,518		593	3,921	543	760	972	560	454	632	1,004

D. Description & Justification

<p>DESCRIPTION</p> <p>This project provides funding for WSSC Water's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Current projects include: Electrical system upgrades (TZ); Floodwall construction (JF); Plant-side Drainage Improvements (OE); Process Computer Control system (IV and LX); and, Miscellaneous projects.</p> <p>JUSTIFICATION</p> <p>This is a continuation of DC Water's upgrading of the Blue Plains Wastewater Treatment Plant. The Blue Plains Inter-municipal Agreement of 2012; the DCWASA Master Plan (1998); Blue Plains Facilities Master Plan (2016), and the DC Water Approved FY2021 Capital Improvement Program.</p> <p>COST CHANGE</p> <p>Not applicable.</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 latest project management data, and reflect DC Water's current 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.</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	\$6,180	
Total Cost	\$6,180	
Impact on Water and Sewer Rate	\$0.02	

F. Approval and Expenditure Data (000's)	
Date First in Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	
Cost Estimate Last FY	111,706
Present Cost Estimate	100,521
Approved Request Last FY	10,811
Total Expense & Encumbrances	
Approval Request Year 1	9,891

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

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	169.6 / 370 MGD

H. Map
MAP NOT AVAILABLE