

Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information			PDF Date	October 1, 2019	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'19	Estimate FY'20	Total 6 Years	Year 1 FY'21	Year 2 FY'22	Year 3 FY'23	Year 4 FY'24	Year 5 FY'25	Year 6 FY'26	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	110,599		10,383	84,644	10,704	14,439	22,067	13,774	9,482	14,178	15,572
Other	1,107		104	848	107	145	221	138	95	142	155
Total	111,706		10,487	85,492	10,811	14,584	22,288	13,912	9,577	14,320	15,727

C. Funding Schedule (000's)

WSSC Bonds	105,573		9,911	80,798	10,218	13,783	21,064	13,148	9,051	13,534	14,864
City of Rockville	6,133		576	4,694	593	801	1,224	764	526	786	863

D. Description & Justification

<p>DESCRIPTION</p> <p>This project provides funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include: Electrical system upgrades, Floodwall construction, Lighting upgrades, Chemical system upgrades, Process Computer Control system, and Miscellaneous projects.</p> <p>JUSTIFICATION</p> <p>This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant. The Blue Plains Intermunicipal Agreement of 2012; the WASA Master Plan (1998); Blue Plains Facilities Master Plan (2016), and the DCWASA Approved FY 2020 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 DCWASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect DCWASA'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); District of Columbia Water and Sewer Authority;(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	\$6,868	
Total Cost	\$6,868	
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	117,624
Present Cost Estimate	111,706
Approved Request Last FY	10,487
Total Expense & Encumbrances	
Approval Request Year 1	10,811

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