



Blue Plains WWTP:Plant Wide Projects

(P023805)

Category	WSSC	Date Last Modified	09/17/24
SubCategory	Sewerage Bi-County	Administering Agency	W.S.S.C.
Planning Area	Bi-County	Status	TBA

EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY24	Est FY25	Total 6 Years	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	Beyond 6 Years
Construction	123,304	-	15,775	104,393	17,458	23,316	20,698	21,299	12,839	8,783	3,136
Other	1,058	-	158	869	-	233	207	213	128	88	31
TOTAL EXPENDITURES	124,362	-	15,933	105,262	17,458	23,549	20,905	21,512	12,967	8,871	3,167

FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY24	Est FY25	Total 6 Years	FY 26	FY 27	FY 28	FY 29	FY 30	FY 31	Beyond 6 Years
Municipal (WSSC Only)	6,868	-	866	5,830	1,058	1,280	1,136	1,169	705	482	172
WSSC Bonds	117,494	-	15,067	99,432	16,400	22,269	19,769	20,343	12,262	8,389	2,995
TOTAL FUNDING SOURCES	124,362	-	15,933	105,262	17,458	23,549	20,905	21,512	12,967	8,871	3,167

APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 26 Request	17,458	Year First Appropriation	FY01
Cumulative Appropriation	320,388	Last FY's Cost Estimate	141,582
Expenditure / Encumbrances	-		
Unencumbered Balance	320,388		

PROJECT DESCRIPTION

This project provides funding for WSSC Water's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. There are 26 DC Water capital program projects covered by the WSSC Water capital project. Current projects with significant spending in FY'26 include: electrical system upgrades (TZ); floodwall construction (JF); plant-wide program management (AL); chemical system/building upgrades (PF); and other miscellaneous projects including roof replacements (OQ) and emergency repairs and rehab (V1, V2, V3). Other projects with significant spending over the 6-yr period include electrical monitoring (IC) in FY'27; implementation of solar power at Blue Plains phase 2 (XP) and control system replacement (GW) in FY'28.

COST CHANGE

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.

PROJECT JUSTIFICATION

This is a continuation of DC Water's upgrading of the Blue Plains Wastewater Treatment Plant. Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); Blue Plains Facilities Master Plan (2016); and DC Water's preliminary FY'25-FY'34 Capital Improvements Program.

OTHER

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.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)