



# Blue Plains WWTP: Plant Wide Projects

(P023805)

Category	WSSC	Date Last Modified	05/21/24
SubCategory	Sewerage Bi-County	Administering Agency	W.S.S.C.
Planning Area	Bi-County	Status	TBA

## EXPENDITURE SCHEDULE (\$000s)

Cost Elements	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Construction	140,180	-	15,063	113,198	15,775	19,271	23,316	20,698	21,299	12,839	11,919
Other	1,402	-	151	1,132	158	193	233	207	213	128	119
<b>TOTAL EXPENDITURES</b>	<b>141,582</b>	<b>-</b>	<b>15,214</b>	<b>114,330</b>	<b>15,933</b>	<b>19,464</b>	<b>23,549</b>	<b>20,905</b>	<b>21,512</b>	<b>12,967</b>	<b>12,038</b>

## FUNDING SCHEDULE (\$000s)

Funding Source	Total	Thru FY23	Est FY24	Total 6 Years	FY 25	FY 26	FY 27	FY 28	FY 29	FY 30	Beyond 6 Years
Municipal (WSSC Only)	7,703	-	835	6,214	866	1,058	1,280	1,136	1,169	705	654
WSSC Bonds	133,879	-	14,379	108,116	15,067	18,406	22,269	19,769	20,343	12,262	11,384
<b>TOTAL FUNDING SOURCES</b>	<b>141,582</b>	<b>-</b>	<b>15,214</b>	<b>114,330</b>	<b>15,933</b>	<b>19,464</b>	<b>23,549</b>	<b>20,905</b>	<b>21,512</b>	<b>12,967</b>	<b>12,038</b>

## APPROPRIATION AND EXPENDITURE DATA (\$000s)

Appropriation FY 25 Request	23,759	Year First Appropriation	FY01
Appropriation FY 26 Request	22,865	Last FY's Cost Estimate	128,926
Cumulative Appropriation	296,629		
Expenditure / Encumbrances	-		
Unencumbered Balance	296,629		

## 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.

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## 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)