

A. Identification and Coding Information

1. Project Number: 023805 Agency Number: S-22.09 Update Code: Change

2. Date: October 1, 2009 Revised: January 20, 2010

7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.:

3. Project Name: Blue Plains WWTP: Plant-wide Projects

4. Program: Sanitation 6. Planning Area: Bi-County

5. Agency: **WSSC**

E. Annual Operating Budget Impact (000's) FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	15070
Total Costs.....		15070
Impact on Water or Sewer Rate.....		32¢

B. Expenditure Schedule (000's)

	(8) Total	(9) Thru FY '09	(10) Estimate FY '10	(11) Total 6 Years	(12) Year 1 FY '11	(13) Year 2 FY '12	(14) Year 3 FY '13	(15) Year 4 FY '14	(16) Year 5 FY '15	(17) Year 6 FY '16	(18) Beyond 6 Years
Cost Elements											
Planning, Design & Supervision	44,172	35,077	1,558	6,705	1,062	2,207	1,123	1,121	880	312	832
Land											
Site Improvements & Utilities											
Construction	133,961	93,694	6,531	31,294	8,625	5,599	5,190	6,877	4,374	629	2,442
Other	1,782	1,288	81	380	97	78	63	80	53	9	33
Total	179,915	130,059	8,170	38,379	9,784	7,884	6,376	8,078	5,307	950	3,307

C. Funding Schedule (000's)

	(8) Total	(9) Thru FY '09	(10) Estimate FY '10	(11) Total 6 Years	(12) Year 1 FY '11	(13) Year 2 FY '12	(14) Year 3 FY '13	(15) Year 4 FY '14	(16) Year 5 FY '15	(17) Year 6 FY '16	(18) Beyond 6 Years
WSSC Bonds	170,040	122,920	7,722	36,273	9,247	7,451	6,026	7,635	5,016	898	3,125
City of Rockville	9,875	7,139	448	2,106	537	433	350	443	291	52	182

D. Description & Justification

DESCRIPTION

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: Process Control Computer Systems; Electrical Power Systems Additions, Phases I & II; High Priority Rehabilitation Program; and Plant-wide Fine Bubble Aeration Conversion.

Service Area Bi-County Area **Capacity** 370 MGD

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DCWASA Proposed FY 2009 - FY 2018 Capital Improvement Program information (October, 2009).

Specific Data
This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change
Expenditures shown above now exclude costs for currently active projects "outside the fence" of the wastewater treatment plant. Beginning with the FY 2011 CIP, those costs have been split out and are shown under project S-22.11: Blue Plains Pipelines and Appurtenances. However, the design and construction costs for Electrical Power System Switch Gear and Process Computer Control System have increased.

STATUS Not Applicable

OTHER
The project scope has been revised for the FY 2011 CIP to exclude expenditures for currently active projects outside the fence of plant. 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.

COORDINATION
District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% System Improvement.

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	179,915
Cost Estimate Last FY	197,842
Present Cost Estimate	179,915
Approved Request, Last FY	18,126
Total Expenditures & Encumbrances	130,059
Approval Request FY 11	9,784
Supplemental Approval Request Current FY (10)	

G. Status Information

Land Status: Not applicable

% Project Completion: On-Going

Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE