

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
954812	S-22.07	Change

2. Date: October 1, 2009

Revised: January 20, 2010

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

5. Agency: **WSSC**

3. Project Name: Blue Plains WWTP: Biosolids Management, Part 2

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

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

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	29895
Total Costs.....		29895
Impact on Water or Sewer Rate.....		64¢

B. Expenditure Schedule (000's)

Cost Elements	(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
Planning, Design & Supervision	78,662	36,070	5,996	36,037	8,958	11,027	10,353	4,858	375	466	559
Land											
Site Improvements & Utilities											
Construction	278,101	61,576	7,090	207,278	29,636	91,093	49,221	29,716	2,508	5,104	2,157
Other	3,568	976	131	2,434	386	1,021	596	346	29	56	27
Total	360,331	98,622	13,217	245,749	38,980	103,141	60,170	34,920	2,912	5,626	2,743

C. Funding Schedule (000's)

WSSC Bonds	340,549	93,208	12,491	232,258	36,840	97,479	56,867	33,003	2,752	5,317	2,592
City of Rockville	19,782	5,414	726	13,491	2,140	5,662	3,303	1,917	160	309	151

D. Description & Justification

DESCRIPTION

This project includes funding for WSSC's share of the Blue Plains Wastewater Treatment Plant biosolids handling projects for which construction began after June 30, 1993. Major projects include: new digestion facilities; gravity and centrifuge thickener facilities; area electrical substation #6; and solids processing building/dewatered sludge loading facility.

Service Area **Bi-County Area**

Capacity **370 MGD**

JUSTIFICATION

Plans & Studies

The Blue Plains Intermunicipal Agreement of 1985; the DCWASA Master Plan (1998); EPMC IV Facility Plan (CH2MHILL, 2001); the Biosolids Management at DCWASA Blue Plains Wastewater Treatment Plant Phase II - Design and Cost Considerations for Treatment Alternatives Report (December 2007); and the DCWASA Proposed FY 2009 - FY 2018 Capital Improvement Program information (October, 2009).

Specific Data

This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains.

Cost Change

The cost increase is primarily due to refinements in design and construction of the new Digester Facilities and associated program management.

STATUS Not Applicable

OTHER

The project scope has remained the same. Project costs are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and DCWASA's latest project management data, and fully reflect DCWASA's current cost estimates and expenditure schedules. 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

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 95
Initial Cost Estimate	361,252
Cost Estimate Last FY	310,198
Present Cost Estimate	360,331
Approved Request, Last FY	16,351
Total Expenditures & Encumbrances	98,622
Approval Request FY 11	38,980
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