

A. Identification and Coding Information

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

2. Date: October 1, 2010

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

Revised: January 19, 2011

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

5. Agency: **WSSC**4. Program: **Sanitation** 6. Planning Area: Bi-County**B. Expenditure Schedule (000's)**

Cost Elements	(8) Total	(9) Thru FY '10	(10) Estimate FY '11	(11) Total 6 Years	(12) Year 1 FY '12	(13) Year 2 FY '13	(14) Year 3 FY '14	(15) Year 4 FY '15	(16) Year 5 FY '16	(17) Year 6 FY '17	(18) Beyond 6 Years
Planning, Design & Supervision	75,551	46,408	11,080	18,010	7,032	5,549	4,260	622	312	235	53
Land											
Site Improvements & Utilities											
Construction	262,648	69,836	15,121	177,682	54,921	82,401	32,696	4,990	2,521	153	9
Other	2,221		262	1,958	620	880	370	56	28	4	1
Total	340,420	116,244	26,463	197,650	62,573	88,830	37,326	5,668	2,861	392	63

C. Funding Schedule (000's)

WSSC Bonds	321,733	109,863	25,010	186,800	59,138	83,954	35,277	5,357	2,704	370	60
City of Rockville	18,687	6,381	1,453	10,850	3,435	4,876	2,049	311	157	22	3

D. Description & Justification**DESCRIPTION**

This project provides funding for WSSC's share of the Blue Plains 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 Approved FY 2010 - FY 2019 Capital Improvement Program (February 3, 2011).

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

Cost decrease is primarily due to refined estimates as the Anaerobic Digesters, Centrifuge Thickening Facilities, and Area Substation No. 6 projects progress through design.

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

City of Rockville (responsible for a share of funding) and District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 100% System Improvement.**E. Annual Operating Budget Impact (000's)**

FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	28055
Total Costs		28055
Impact on Water or Sewer Rate		61¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	77,296
Cost Estimate Last FY	360,331
Present Cost Estimate	340,420
Approved Request, Last FY	38,980
Total Expenditures & Encumbrances	116,244
Approval Request FY 12	62,573
Supplemental Approval Request Current FY (11)	

G. Status Information

Land Status:	Not applicable
% Project Completion:	On-Going
Est. Completion Date:	On-Going

H. Map Map Reference Code:**MAP NOT AVAILABLE**