A. Identification and Coding Information

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

2. Date: October 1, 2005

Revised:

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

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 '05	(10) Estimate FY '06	(11) Total 6 Years	(12) Year 1 FY '07	(13) Year 2 FY '08	(14) Year 3 FY '09	(15) Year 4 FY '10	(16) Year 5 FY '11	(17) Year 6 FY '12	(18) Beyond 6 Years
Planning, Design & Supervision	**43,165**	23,967	7,748	**10,739**	2,705	1,810	1,819	1,777	1,679	949	711
Land											
Site Improvements & Utilities											
Construction	**179,010**	46,895	7,175	**124,940**	13,274	32,015	41,986	24,968	12,633	64	
Other	**1,635**	123	149	**1,356**	160	338	438	267	143	10	7
Total	**223,810**	**70,985**	**15,072**	**137,035**	**16,139**	**34,163**	**44,243**	**27,012**	**14,455**	**1,023**	**718**

C. Funding Schedule (000's)

WSSC Bonds	**173,478**	55,021	11,683	**106,217**	12,509	26,480	34,293	20,937	11,205	793	557
SDC	**38,047**	12,067	2,562	**23,296**	2,744	5,808	7,521	4,592	2,457	174	122
City of Rockville	**12,285**	3,897	827	**7,522**	886	1,875	2,429	1,483	793	56	39

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 facilities include: rehabilitation of gravity thickeners; egg-shaped digestion facilities; centrifuge thickener facilities; and additional dewatering facilities. All facilities are sized at 370 MGD.

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

JUSTIFICATION

Plans & Studies

The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); EPMC IV Facility Plan (CH2MHILL, 2001); and the DC-WASA Adopted FY 2004 - FY 2013 Capital Improvement Program (January, 2005).

Specific Data

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

Cost Change

The net cost decrease in the six-year program reflects the latest estimates from DCWASA for existing and future projects, and is heavily influenced by a number of the larger projects moving through construction, including: Gravity Thickeners and Additional Dewatering facilities. Lower costs are indicated for the Egg-shaped Digestion Facilities because they are moving through design and into construction.

STATUS Not Applicable

OTHER

The project scope has remained the same.

Project History: This project was first included in the FY95 CIP and includes those Blue Plains solids handling sub-projects where construction commenced after June 30, 1993. As such, these sub-projects are SDC eligible. The project costs shown above are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and WASA's latest project management data and fully reflect WASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF may not fully reflect the total project costs. These projects are in fact expected to continue indefinitely. Prior expenditures and funding shown in Column 9 are post-Intermunicipal Agreement. The funding schedule also indicates the calculated Rockville share of the cost.

E. Annual Operating Budget Impact (000's)

			FY of Impact
Program Costs	Staff		....
	Other		....
Facility Costs	Maintenance		....
	Debt Service	14520	....
Total Costs		14520	....
Impact on Water or Sewer Rate		31¢	....

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	222,452
Present Cost Estimate	223,810
Approved Request, Last FY	11,601
Total Expenditures & Encumbrances	70,985
Approval Request FY 07	16,139
Supplemental Approval Request Current FY (06)	

G. Status Information

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

H. Map

Map Reference Code:

MAP NOT AVAILABLE

D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: S - 22.07 **Project Name: Blue Plains WWTP: Biosolids Management, Part 2**

COORDINATION

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

NOTE This project supports 17% Growth and 83% System Improvement.