

A. Identification and Coding Information

1. Project Number: 954812 Agency Number: S-22.07 Update Code: Change
 2. Date: October 1, 2012 Revised: May 9, 2013
 3. Project Name: Blue Plains WWTP: Biosolids Management, Part 2
 4. Program: Sanitation 6. Planning Area: Bi-County
 5. Agency: **WSSC**
 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '12	(10) Estimate FY '13	(11) Total 6 Years	(12) Year 1 FY '14	(13) Year 2 FY '15	(14) Year 3 FY '16	(15) Year 4 FY '17	(16) Year 5 FY '18	(17) Year 6 FY '19	(18) Beyond 6 Years
Planning, Design & Supervision	91,002	63,826	9,079	18,097	9,090	5,524	1,152	1,388	940	3	
Land											
Site Improvements & Utilities											
Construction	294,305	120,714	80,399	93,192	62,696	19,239	5,743	4,434	1,038	42	
Other	2,008		895	1,113	718	248	69	58	20		
Total	387,315	184,540	90,373	112,402	72,504	25,011	6,964	5,880	1,998	45	

C. Funding Schedule (000's)

WSSC Bonds	366,054	174,410	85,412	106,232	68,524	23,638	6,582	5,557	1,888	43
City of Rockville	21,261	10,130	4,961	6,170	3,980	1,373	382	323	110	2

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 Thickener Facilities; 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 2012: 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 2013 Capital Improvement Program.

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 increase is primarily due to revised estimates for the New Digestion Facilities and Gravity Thickening Facilities.

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	30896 20
Total Costs		30896 20
Impact on Water or Sewer Rate		67¢ 20

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	371,661
Present Cost Estimate	387,315
Approved Request, Last FY	110,339
Total Expenditures & Encumbrances	184,540
Approval Request FY 14	72,504
Supplemental Approval Request Current FY (13)	

G. Status Information

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

H. Map Map Reference Code:

MAP NOT AVAILABLE