

EXECUTIVE RECOMMENDATION

Blue Plains WWTP: Biosolids Mgmt PT2 (P954812)

Project Category	WSSC	Date Last Modified	12/28/12
Project SubCategory	Sewerage Bi-County	Required Adequate Public Facility	No
Project Administering Agency	W.S.S.C. (AAGE23)	Relocation Impact	None
Project Planning Area	Bi-County	Status	TBA

EXPENDITURE SCHEDULE (\$000s)

	Total	Thru FY12	Est FY13	Total 6 Years	FY 14	FY 15	FY 16	FY 17	FY 18	FY 19	Beyond 6 Yrs
Planning, Design and Supervision	91,002	63,826	9,079	18,097	9,090	5,524	1,152	1,388	940	3	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	294,305	120,714	80,399	93,192	62,696	19,239	5,743	4,434	1,038	42	0
Other	2,008	0	895	1,113	718	248	69	58	20	0	0
Total	387,315	184,540	90,373	112,402	72,504	25,011	6,964	5,880	1,998	45	0

FUNDING SCHEDULE (\$000s)

Municipal (WSSC only)	21,261	10,130	4,961	6,170	3,980	1,373	382	323	110	2	0
WSSC Bonds	366,054	174,410	85,412	106,232	68,524	23,638	6,582	5,557	1,888	43	0
Total	387,315	184,540	90,373	112,402	72,504	25,011	6,964	5,880	1,998	45	0

COMPARISON (\$000s)

	Total	Thru FY12	Est FY13	6YR Total	FY14	FY15	FY16	FY17	FY18	FY19	Bey 6Yr	Approp.
Current Approved	374,897	209,956	110,339	54,602	40,225	8,904	3,659	1,613	201	0	0	0
Agency Request	386,588	184,540	98,981	102,970	70,800	23,633	4,316	3,207	861	153	97	70,800
Recommended	387,315	184,540	90,373	112,402	72,504	25,011	6,964	5,880	1,998	45	0	72,504

Change

	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	11,691	3.1%	48,368	88.6%	70,800	0.0%
Recommended vs Approved	12,418	3.3%	57,800	105.9%	72,504	0.0%
Recommended vs Request	727	0.2%	9,432	9.2%	1,704	2.4%

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

This project includes funding for WSSC's share of the Blue Plains Advanced Wastewater Treatment Plant "Biosolids Management Part 2" capital project.

WSSC's request was based on cost estimates prepared in the early fall using available information from DC Water (formerly the District of Columbia Water and Sewer Authority or WASA). DC Water subsequently provided updated figures based on its Proposed FY2012-2021 Capital Improvement Plan. The Executive recommends changes in the project estimates to align them with the amounts proposed by DC Water in its FY 2012-2021 CIP.

The FY14 appropriation request for this project is \$72,504,000.

A. Identification and Coding Information

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

2. Date: October 1, 2012 | Revised: _____

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

4. Program: Sanitation | 5. Agency: WSSC | 6. Planning Area: Bi-County

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	83,949	63,826	8,129	11,898	7,380	3,228	451	386	328	125	96
Land											
Site Improvements & Utilities											
Construction	300,637	120,714	89,872	90,051	62,719	20,171	3,822	2,789	524	26	
Other	2,002		980	1,021	701	234	43	32	9	2	1
Total	386,588	184,540	98,981	102,970	70,800	23,633	4,316	3,207	861	153	97

C. Funding Schedule (000's)

	(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
WSSC Bonds	365,369	174,410	93,548	97,319	66,914	22,336	4,079	3,031	814	145	92
City of Rockville	21,219	10,130	5,433	5,651	3,886	1,297	237	176	47	8	5

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

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	386,588
Approved Request, Last FY	110,339
Total Expenditures & Encumbrances	184,540
Approval Request FY 14	70,800
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