

EXECUTIVE RECOMMENDATION

Blue Plains WWTP: Plant Wide Projects (P023805)

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	57,389	42,656	2,877	10,075	2,296	1,680	1,529	2,039	1,449	1,082	1,781
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	156,706	121,060	11,367	23,281	6,012	4,216	1,999	1,720	6,211	3,123	998
Other	504	0	142	334	83	59	35	38	77	42	28
Total	214,599	163,716	14,386	33,690	8,391	5,955	3,563	3,797	7,737	4,247	2,807

FUNDING SCHEDULE (\$000s)

Municipal (WSSC only)	11,781	8,987	790	1,850	461	327	196	208	425	233	154
WSSC Bonds	202,818	154,729	13,596	31,840	7,930	5,628	3,367	3,589	7,312	4,014	2,653
Total	214,599	163,716	14,386	33,690	8,391	5,955	3,563	3,797	7,737	4,247	2,807

COMPARISON (\$000s)

	Total	Thru FY12	Est FY13	6YR Total	FY14	FY15	FY16	FY17	FY18	FY19	Bey 6Yr	Approp.
Current Approved	203,802	166,924	10,166	22,066	7,795	3,384	1,813	2,204	6,870	0	4,646	0
Agency Request	214,983	163,716	13,432	33,941	5,590	7,673	3,233	3,355	7,669	6,421	3,894	5,590
Recommended	214,599	163,716	14,386	33,690	8,391	5,955	3,563	3,797	7,737	4,247	2,807	8,391

Change

	TOTAL	%	6-YEAR	%	APPROP.	%
Agency Request vs Approved	11,181	5.5%	11,875	53.8%	5,590	0.0%
Recommended vs Approved	10,797	5.3%	11,624	52.7%	8,391	0.0%
Recommended vs Request	(384)	(0.2%)	(251)	(0.7%)	2,801	50.1%

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

This project includes funding for WSSC's share of the Blue Plains Advanced Wastewater Treatment Plant "Plant Wide Projects" 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 FY 2012-2021 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 \$8,391,000

A. Identification and Coding Information

1. Project Number: 023805 Agency Number: S-22.09 Update Code: Change

2. Date: October 1, 2012 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.:

Revised: 5. Agency: **WSSC**

3. Project Name: Blue Plains WWTP: Plant-wide Projects

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	16643
Total Costs.....		16643
Impact on Water or Sewer Rate.....		36¢

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	53,750	42,656	2,181	6,788	835	1,299	884	1,384	846	1,540	2,125
Land											
Site Improvements & Utilities											
Construction	160,725	121,060	11,118	26,817	4,700	6,298	2,317	1,938	6,747	4,817	1,730
Other	508		133	336	55	76	32	33	76	64	39
Total	214,983	163,716	13,432	33,941	5,590	7,673	3,233	3,355	7,669	6,421	3,894

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 02
Initial Cost Estimate	84,650
Cost Estimate Last FY	206,209
Present Cost Estimate	214,983
Approved Request, Last FY	10,166
Total Expenditures & Encumbrances	163,716
Approval Request FY 14	5,590
Supplemental Approval Request Current FY (13)	

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	203,183	154,729	12,695	32,079	5,283	7,252	3,056	3,171	7,248	6,069	3,680
City of Rockville	11,800	8,987	737	1,862	307	421	177	184	421	352	214

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include: Electrical Power Systems - Switch Gear; Instrumentation, Control, and Electric Engineering Project Management Consultant; New Warehouse Facility; and Central Office Facility Renovations and Additions.

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

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 2012; the WASA Master Plan (1998); and the DCWASA Approved FY 2013 Capital Improvement Program.

Specific Data
This is a continuation of the DCWASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change
Cost increase is primarily due to increased Program Management Consultant, New Warehouse Facility, and New Flood Sea Wall.

STATUS Not Applicable

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

G. Status Information

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

H. Map Map Reference Code:

MAP NOT AVAILABLE