

EXECUTIVE RECOMMENDATION

Blue Plains: Pipelines and Appurtenances - No. 113804

Category: **WSSC**
 Agency: **W.S.S.C.**
 Planning Area: **Bi-County**
 Relocation Impact: **None**

Date Last Modified: **December 16, 2011**
 Required Adequate Public Facility: **No**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru		6 Year						Beyond	
		FY11	FY12	Total	FY13	FY14	FY15	FY16	FY17	FY18	6 Years
Planning, Design and Supervision	33,056	6,847	4,079	17,260	3,813	3,254	2,656	2,469	2,571	2,497	4,870
Construction	83,264	18,321	6,219	54,122	8,917	11,472	14,980	11,136	6,026	1,591	4,602
Other	911	0	103	713	127	147	176	136	86	41	95
Total	117,231	25,168	10,401	72,095	12,857	14,873	17,812	13,741	8,683	4,129	9,567

FUNDING SCHEDULE (\$000)

Contributions	0	0	0	0	0	0	0	0	0	0	0
Municipal (WSSC only)	6,436	1,382	571	3,958	706	816	978	754	477	227	525
WSSC Bonds	110,795	23,786	9,830	68,137	12,151	14,057	16,834	12,987	8,206	3,902	9,042

COMPARISON (\$000)

	Total	Thru		6 Year						Beyond		Approp. Request
		FY11	FY12	Total	FY13	FY14	FY15	FY16	FY17	FY18	6 Years	
Current Approved	95,868	25,253	10,139	51,170	12,612	9,297	9,831	9,190	10,240	0	9,306	0
Agency Request	113,466	25,168	10,466	68,769	13,263	12,645	15,353	13,488	9,244	4,776	9,063	13,263
Recommended	117,231	25,168	10,401	72,095	12,857	14,873	17,812	13,741	8,683	4,129	9,567	12,857
CHANGE				TOTAL	%	6-YEAR	%			APPROP.		
Agency Request vs Approved				17,598	18.4%	17,599	34.4%			13,263	0.0%	
Recommended vs Approved				21,363	22.3%	20,925	40.9%			12,857	0.0%	
Recommended vs Request				3,765	3.3%	3,326	4.8%			(406)	(3.1%)	

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

This project includes funding for WSSC's share of the Blue Plains Advanced Wastewater Treatment Plant "Pipelines and Appurtenances" capital project. The Executive recommends changes in project estimates to align with the amounts proposed by the District of Columbia Water and Sewer Authority (now doing business as DC Water) in its Proposed FY2011-2020 CIP. The changes are due to the inclusion of some new sub-projects in the Pipelines and Appurtenances project.

A. Identification and Coding Information

1. Project Number: 113804 Agency Number: S-22.11 Update Code: Change

2. Date: October 1, 2011 Revised: _____

3. Project Name: Blue Plains: Pipelines & Appurtenances

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 '11	(10) Estimate FY '12	(11) Total 6 Years	(12) Year 1 FY '13	(13) Year 2 FY '14	(14) Year 3 FY '15	(15) Year 4 FY '16	(16) Year 5 FY '17	(17) Year 6 FY '18	(18) Beyond 6 Years
Planning, Design & Supervision	28,518	6,847	3,034	14,261	2,085	2,384	2,485	2,468	2,542	2,297	4,376
Land											
Site Improvements & Utilities											
Construction	84,073	18,321	7,328	53,827	11,047	10,136	12,716	10,886	6,610	2,432	4,597
Other	875		104	681	131	125	152	134	92	47	90
Total	113,466	25,168	10,466	68,769	13,263	12,645	15,353	13,488	9,244	4,776	9,063

C. Funding Schedule (000's)

	(8) Total	(9) Thru FY '11	(10) Estimate FY '12	(11) Total 6 Years	(12) Year 1 FY '13	(13) Year 2 FY '14	(14) Year 3 FY '15	(15) Year 4 FY '16	(16) Year 5 FY '17	(17) Year 6 FY '18	(18) Beyond 6 Years
WSSC Bonds	107,237	23,786	9,891	64,995	12,535	11,951	14,510	12,748	8,737	4,514	8,565
City of Rockville	6,229	1,382	575	3,774	728	694	843	740	507	262	498

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains-associated projects which are "outside the fence" of the treatment plant. Major projects include: Potomac Interceptor Rehabilitation; Upper Potomac Interceptor; Potomac Sewage Pumping Station Rehabilitation; Influent Sewers Rehabilitation; and the new projects associated with the Combined Sewer Overflow (CSO) Long Term Control Plan (e.g. Anacostia Tunnel).

Service Area BI-County Area **Capacity** Various

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DCWASA Approved FY 2010 - FY 2019 Capital Improvement Program (February 3, 2011).

Specific Data
This is a continuation of DCWASA's upgrading of the Blue Plains-associated projects outside the fence.

Cost Change
Cost increase is due to the increased attention to DC sewers, including new projects to rehabilitate interceptor sewers that carry WSSC wastewater through DC to the Blue Plains WWTP, especially: Upper Rock Creek Interceptor, Anacostia Force Main, and Oxon Run Sewer.

STATUS Not Applicable

OTHER
The project scope has remained the same. Project costs are derived from the DC-WASA Capital & Operating Budget 10-year forecast and latest project management data, and reflect WASA'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 45% System Improvement and 55% Environmental Regulation.

E. Annual Operating Budget Impact (000's)

	FY of Impact	
Program Costs	Staff Other
Facility Costs	Maintenance
	Debt Service	9351
Total Costs		9351
Impact on Water or Sewer Rate		20¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 11
Date First Approved	FY 02
Initial Cost Estimate	102,833
Cost Estimate Last FY	95,868
Present Cost Estimate	113,466
Approved Request, Last FY	10,139
Total Expenditures & Encumbrances	25,168
Approval Request FY 13	13,263
Supplemental Approval Request Current FY (12)	

G. Status Information

Land Status: Not Applicable

% Project Completion: On-Going

Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE

40-16