

EXECUTIVE RECOMMENDATION

Blue Plains WWTP: Liquid Train PT 2 - No. 954811

Category: **WSSC**
 Agency: **W.S.S.C.**
 Planning Area: **Countywide**
 Relocation Impact: **None**

Date Last Modified: **December 16, 2010**
 Required Adequate Public Facility: **No**

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru Est. 6 Year			Beyond						
		FY10	FY11	Total	FY12	FY13	FY14	FY15	FY16	FY17	6 Years
Planning, Design and Supervision	50,592	39,269	1,500	8,429	2,135	1,267	1,401	1,185	1,029	1,412	1,394
Construction	207,724	177,450	2,067	22,873	7,225	6,398	2,597	801	922	4,930	5,334
Other	2,538	2,121	36	314	94	77	40	20	20	63	67
Total	260,854	218,840	3,603	31,616	9,454	7,742	4,038	2,006	1,971	6,405	6,795

FUNDING SCHEDULE (\$000)

Municipal (WSSC only)	14,320	12,013	198	1,736	519	425	222	110	108	352	373
System Development Charge	0	0	0	0	0	0	0	0	0	0	0
WSSC Bonds	246,534	206,827	3,405	29,880	8,935	7,317	3,816	1,896	1,863	6,053	6,422

COMPARISON (\$000)

	Total	Thru Est. 6 Year			Beyond							Approp. Request
		FY10	FY11	Total	FY12	FY13	FY14	FY15	FY16	FY17	6 Years	
Current Approved	237,277	211,102	2,834	18,620	5,806	6,356	1,636	1,635	3,187	0	4,721	0
Agency Request	245,643	218,840	4,178	22,050	9,536	4,516	4,643	1,483	877	995	575	9,536
Recommended	260,854	218,840	3,603	31,616	9,454	7,742	4,038	2,006	1,971	6,405	6,795	9,454
CHANGE			TOTAL	%	6-YEAR	%	APPROP.					
Agency Request vs Approved			8,366	3.5%	3,430	18.4%	9,536 0.0%					
Recommended vs Approved			23,577	9.9%	12,996	69.8%	9,454 0.0%					
Recommended vs Request			15,211	6.2%	9,566	43.4%	(82) (0.9%)					

Recommendation

APPROVE WITH MODIFICATIONS.

Comments

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

WSSC's request was based on cost estimates prepared in the early fall using available information from the District of Columbia Water and Sewer Authority (WASA, now doing business as DC Water). WASA subsequently provided updated figures based on its Proposed 2010 - 2019 Capital Improvement Plan. The Executive recommends changes in the project estimates to align them with the amounts proposed by WASA in its FY2010 - 2019 CIP.

The FY12 appropriation request for this project is \$9,454,000.

A. Identification and Coding Information

2. Date: October 1, 2010 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

1. Project Number	Agency Number	Update Code
954811	S-22.06	Change

Revised: _____

3. Project Name: Blue Plains WWTP: Liquid Train Projects, Part 2 5. Agency: **WSSC**

4. Program: **Sanitation** 6. Planning Area: **Bi-County**

B. Expenditure Schedule (000's)

	(8) Total	(9) Thru FY '10	(10) Estimate FY '11	(11) Total 6 Years	(12) Year 1 FY '12	(13) Year 2 FY '13	(14) Year 3 FY '14	(15) Year 4 FY '15	(16) Year 5 FY '16	(17) Year 6 FY '17	(18) Beyond 6 Years
Cost Elements											
Planning, Design & Supervision	48,015	39,269	1,538	6,768	2,217	1,270	791	644	861	985	440
Land											
Site Improvements & Utilities											
Construction	195,241	177,450	2,599	15,063	7,225	3,201	3,806	824	7		129
Other	2,387	2,121	41	219	94	45	46	15	9	10	6
Total	245,643	218,840	4,178	22,050	9,536	4,516	4,643	1,483	877	995	575

C. Funding Schedule (000's)

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
WSSC Bonds	232,159	206,827	3,949	20,840	9,013	4,268	4,388	1,402	829	940	543
City of Rockville	13,484	12,013	229	1,210	523	248	255	81	48	55	32

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC's share of Blue Plains liquid train projects for which construction began after June 30, 1993. Major projects include: Filtration and Disinfection Rehabilitation; and Dual Purpose Sedimentation Basins Rehabilitation.

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

JUSTIFICATION

Plans & Studies
The Blue Plains Intermunicipal Agreement of 1985; the DCWASA Master Plan (1998); and the DCWASA Approved FY 2009 - FY 2018 Capital Improvement Program (February, 2010).

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

Cost Change
Not Applicable.

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), District of Columbia Water & Sewer Authority (responsible for design and construction) and WSSC Projects S-22.08, Blue Plains WWTP: Biological Nutrient Removal and S-22.10, Blue Plains WWTP: Enhanced Nutrient Removal.

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	20079
Total Costs		20079
Impact on Water or Sewer Rate.....		43¢

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	240,383
Present Cost Estimate	245,643
Approved Request, Last FY	2,834
Total Expenditures & Encumbrances	218,840
Approval Request FY 12	9,536
Supplemental Approval Request Current FY (11)	

G. Status Information

Land Status: Not applicable

% Project Completion: On-Going

Est. Completion Date: On-Going

H. Map Map Reference Code:

MAP NOT AVAILABLE