

E. Annual Operating Budget Impact (000's)

Program Costs	Staff	
Facility Costs	Other	
	Maintenance	
Total Costs	Debt Service	9791
Impact on Water or Sewer Rate		9791
		21¢

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	154,211
Present Cost Estimate	150,924
Approved Request, Last FY	23,022
Total Expenditures & Encumbrances	94,465
Approval Request FY 07	20,098
Supplemental Approval Request Current FY (06)	

G. Status Information

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

H. Map **Map Reference Code:**

MAP NOT AVAILABLE

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
023805	S-22.09	Change
3. Project Name: Blue Plains WWTP: Plant Wide Projects		
4. Program:	Sanitation	6. Planning Area: Bi-County
5. Agency: WSSC		7. Pre PDF Pg No.: 8. Req. Adeq. Pub. Fac.
2. Date: October 1, 2005		Revised:

B. Expenditure Schedule (000's)

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
Cost Elements	Total	Thru FY '05	Estimate FY '06	Total 6 Years	Year 1 FY '07	Year 2 FY '08	Year 3 FY '09	Year 4 FY '10	Year 5 FY '11	Year 6 FY '12	Beyond 6 Years
Planning, Design & Supervision	32,619	22,072	4,002	5,299	2,503	1,410	687	225	221	253	1,246
Land											
Site Improvements & Utilities											
Construction	117,627	72,275	17,149	27,289	17,396	7,485	2,196	186	26		914
Other	678	118	212	326	199	89	29	4	2	3	22
Total	150,924	94,465	21,363	32,914	20,098	8,984	2,912	415	249	256	2,182

C. Funding Schedule (000's)

	(16)	(17)	(18)
	Year 5 FY '11	Year 6 FY '12	Beyond 6 Years
WSSC Bonds	321	193	1,691
SDC	71	42	371
City of Rockville	23	14	120

D. Description & Justification

DESCRIPTION

This project includes funding for WSSC's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. Major projects include the following: Process Control Computer Systems; Central Office Facility Renovations; Additional Chemical Systems and Transmission Improvements; Electrical Power Systems Additions, Phases I and II; Alternative Disinfection Facilities; High Priority Rehabilitation Program; and Potomac Interceptor, Upper Potomac Interceptor, and Potomac Pumping Station Rehabilitations. All Blue Plains facilities are sized at 370 MGD.

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

JUSTIFICATION

Plans & Studies

The Blue Plains Interim Municipal Agreement of 1985; the WASA Master Plan (1998); and the DC-WASA Adopted FY 2004 - FY 2013 Capital Improvement Program (January, 2005).

Specific Data

This is a continuation of the DC-WASA's upgrading of the Blue Plains Wastewater Treatment Plant.

Cost Change

The net cost decrease in the six-year program reflects the latest estimates from DCWASA for existing and future projects, and is heavily influenced by a number of the larger projects moving through construction, including: Central Office Facility Renovations, Process Control Computer Program, Additional Chemical Systems, Potomac Sewage Pumping Station, and Repairs and Odor Control at the Potomac Interceptor. However, increased cost for "Beyond 6 Years" shows the anticipation of design for phase II of Fine Bubble Aeration and for the PEPCO 3rd Electrical Feed to the plant.

STATUS Not Applicable

OTHER

The project scope has remained the same.

Project History: This project was previously part of WSSC Project S-22.06 and was first introduced in the FY's 2002-2007 CIP. The costs included in this project are SDC eligible. The project costs shown above are derived from the DCWASA Capital & Operating Budget 10-year forecast of spending and WASA's latest project management data and fully reflect WASA's current cost estimates and expenditure schedules. Given the open-ended nature of the Blue Plains projects, this PDF may not fully reflect the total project costs. These projects are in fact expected to continue indefinitely. It is anticipated that as new sub-projects are added to the Blue Plains

25-12 DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: S - 22.09 Project Name: Blue Plains WWTP: Plant Wide Projects

facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

District of Columbia Water & Sewer Authority (responsible for design and construction).

NOTE This project supports 17% Growth, 59% System Improvement and 24% Environmental Regulation.