

A. Identification and Coding Information

2. Date: October 1, 2004
 Revised: May 12, 2005

7. Pre PDF Pg.No.:
 8. Req. Adeq. Pub. Fac.

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

3. Project Name: Blue Plains WWTP: Plant Wide Projects
 4. Program: **Sanitation**
 5. Agency: **WSSC**
 6. Planning Area: Bi-County

E. Annual Operating Budget Impact (000's) FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	7751
Total Costs.....		7751
Impact on Water or Sewer Rate.....		17¢

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '04	(10) Estimate FY '05	(11) Total 6 Years	(12) Year 1 FY '06	(13) Year 2 FY '07	(14) Year 3 FY '08	(15) Year 4 FY '09	(16) Year 5 FY '10	(17) Year 6 FY '11	(18) Beyond 6 Years
Planning, Design & Supervision	27,805	18,996	2,533	6,088	2,812	2,020	876	301	49	30	188
Land											
Site Improvements & Utilities											
Construction	125,693	63,113	17,998	43,247	19,982	14,350	6,221	2,137	346	211	1,335
Other	713		205	493	228	164	71	24	4	2	15
Total	154,211	82,109	20,736	49,828	23,022	16,534	7,168	2,462	399	243	1,538

C. Funding Schedule (000's)

WSSC Bonds	119,530	63,643	16,073	38,621	17,844	12,815	5,556	1,908	309	189	1,193
SDC	26,217	13,959	3,525	8,472	3,914	2,811	1,219	419	68	41	261
City of Rockville	8,464	4,507	1,138	2,735	1,264	908	393	135	22	13	84

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; 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 Intermunicipal Agreement of 1985; the WASA Master Plan (1998); and the DC-WASA Proposed FY 2003 - FY 2012 Capital Improvement Program (10/16/03).

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

Cost Change
 The cost increase reflects the latest estimates from DCWASA for existing sub-projects and the addition of several new projects including Laboratory Upgrades, Blower Upgrades, Sampler System Construction, Site Perimeter Security, Rock Creek Sewage Pumping Station Rehabilitation, Potomac Interceptor Sewer, Central Office Renovation, and Process Control Computer System.

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

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	123,745
Present Cost Estimate	154,211
Approved Request, Last FY	14,446
Total Expenditures & Encumbrances	82,109
Approval Request FY 06	23,022
Supplemental Approval Request Current FY (05)	

G. Status Information

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

H. Map Map Reference Code:

MAP NOT AVAILABLE

D. DESCRIPTION & JUSTIFICATION (CONT.)

Agency Number: S - 22.09

Project Name: Blue Plains WWTP: Plant Wide Projects

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.