

A. Identification and Coding Information

2. Date: October 1, 2004 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

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

Revised: May 12, 2005

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

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	13663
Total Costs.....		13663
Impact on Water or Sewer Rate.....		30¢

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	26,694	13,988	4,300	8,208	4,309	2,626	965	252	29	27	198
Land											
Site Improvements & Utilities											
Construction	214,909	124,628	30,553	58,319	30,617	18,655	6,859	1,789	204	195	1,409
Other	1,029		349	664	349	213	78	20	2	2	16
Total	242,632	138,616	35,202	67,191	35,275	21,494	7,902	2,061	235	224	1,623

C. Funding Schedule (000's)

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
WSSC Bonds	188,067	107,442	27,286	52,081	27,342	16,660	6,125	1,598	182	174	1,258
SDC	41,247	23,565	5,984	11,422	5,997	3,654	1,343	350	40	38	276
City of Rockville	13,318	7,609	1,932	3,688	1,936	1,180	434	113	13	12	89

D. Description & Justification

DESCRIPTION

This project includes funding for WSSC's share of Blue Plains liquid train projects for which construction began after June 30, 1993. Major projects include the following: Improvements to Primary and Secondary Treatment; Influent Screens and Grit Removal Systems Renovations; Nitrification Facility; Filtration/Disinfection Facility; Raw Wastewater Pump Stations 1 & 2; and Filtration Facility Pumping System. All 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 net cost increase reflects the latest estimates from DCWASA for existing sub-projects including: the addition of Phase II costs for the Grit Chamber and Primary Treatment projects, increased costs for Nitrification Facilities and decreased costs for Filtration and Disinfection.

STATUS Not Applicable

OTHER

The project scope has remained the same.
Project History: This project was first included in the FY95 CIP and includes those Blue Plains liquid side sub-projects where construction commenced after June 30, 1993. As such, these sub-projects are SDC eligible. This project, in essence, represents the "current-thinking" facility plan for Blue Plains liquid side sub-projects. 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. Prior expenditures and funding shown in Column 9 are post-Intermunicipal Agreement. 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 95
Initial Cost Estimate	69,745
Cost Estimate Last FY	214,814
Present Cost Estimate	242,632
Approved Request, Last FY	24,235
Total Expenditures & Encumbrances	138,616
Approval Request FY 06	35,275
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 - 22.06

Project Name: Blue Plains WWTP: Liquid Train Projects, Part 2

COORDINATION

District of Columbia Water & Sewer Authority (responsible for design and construction.) (Biological Nutrient Removal costs are carried on WSSC Project S-22.08).

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