

**A. Identification and Coding Information**

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

2. Date: October 1, 2008

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

Revised: May 7, 2009

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)**

Cost Elements	(8) Total	(9) Thru FY '08	(10) Estimate FY '09	(11) Total 6 Years	(12) Year 1 FY '10	(13) Year 2 FY '11	(14) Year 3 FY '12	(15) Year 4 FY '13	(16) Year 5 FY '14	(17) Year 6 FY '15	(18) Beyond 6 Years
Planning, Design & Supervision	<b>32,507</b>	24,324	1,708	<b>4,880</b>	1,164	674	961	1,023	696	362	1,595
Land											
Site Improvements & Utilities											
Construction	<b>189,393</b>	168,148	8,330	<b>6,845</b>	3,591	977	158	23	193	1,903	6,070
Other	<b>2,220</b>	1,925	100	<b>118</b>	48	17	11	10	9	23	77
<b>Total</b>	<b>224,120</b>	<b>194,397</b>	<b>10,138</b>	<b>11,843</b>	<b>4,803</b>	<b>1,668</b>	<b>1,130</b>	<b>1,056</b>	<b>898</b>	<b>2,288</b>	<b>7,742</b>

**C. Funding Schedule (000's)**

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
WSSC Bonds	<b>211,816</b>	183,726	9,581	<b>11,192</b>	4,539	1,576	1,068	998	849	2,162	7,317
City of Rockville	<b>12,304</b>	10,671	557	<b>651</b>	264	92	62	58	49	126	425

**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: Improvements to Nitrification/Denitrification Facilities Upgrade; Filtration and Disinfection Rehabilitation; Nitrification Facility Upgrade; 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 WASA Master Plan (1998); and the DC-WASA Approved FY 2008 - FY 2017 Capital Improvement Program information (January, 2009).

**Specific Data**

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

**Cost Change**

The cost decrease is primarily due to the transfer of the Nitrification/Denitrification Facilities initial upgrade and Lower Priority Work projects to project S-22.08, Blue Plains WWTP: Biological Nutrient Removal.

**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 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. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. Expenditures shown in Column 9 are post-Intermunicipal Agreement. The funding schedule also indicates the calculated Rockville share of the cost.

**COORDINATION**

District of Columbia Water & Sewer Authority (responsible for design and construction). (Biological Nutrient Removal costs are carried on WSSC Project S-22.08). (Enhanced Nutrient Removal costs are carried on WSSC Project S-22.10).

**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 .....	18470
<b>Total Costs</b> .....		<b>18470</b>
Impact on Water or Sewer Rate.....		40¢

**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	228,429
Present Cost Estimate	224,120
Approved Request, Last FY	15,981
Total Expenditures & Encumbrances	194,397
Approval Request FY 10	4,803
Supplemental Approval Request Current FY (09)	

**G. Status Information**

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

**H. Map Map Reference Code:**

**MAP NOT AVAILABLE**

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