

**A. Identification and Coding Information**

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

2. Date: October 1, 2012

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

Revised: May 9, 2013

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 '12	(10) Estimate FY '13	(11) Total 6 Years	(12) Year 1 FY '14	(13) Year 2 FY '15	(14) Year 3 FY '16	(15) Year 4 FY '17	(16) Year 5 FY '18	(17) Year 6 FY '19	(18) Beyond 6 Years
Planning, Design & Supervision	57,204	42,031	1,816	12,649	2,158	4,226	2,032	1,879	1,519	835	708
Land											
Site Improvements & Utilities											
Construction	216,787	185,493	5,196	25,681	3,097	4,855	3,558	4,582	5,146	4,443	417
Other	466		70	385	53	91	56	65	67	53	11
<b>Total</b>	<b>274,457</b>	<b>227,524</b>	<b>7,082</b>	<b>38,715</b>	<b>5,308</b>	<b>9,172</b>	<b>5,646</b>	<b>6,526</b>	<b>6,732</b>	<b>5,331</b>	<b>1,136</b>

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

	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)
WSSC Bonds	259,391	215,034	6,693	36,590	5,017	8,669	5,336	6,168	6,362	5,038	1,074
City of Rockville	15,066	12,490	389	2,125	291	503	310	358	370	293	62

**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, Raw Wastewater Pumping Station No. 2, Dual Purpose Sedimentation Basins Rehabilitation, and Primary Treatment Facilities Upgrade Phase II.

Service Area **Bi-County Area**

Capacity **370 MGD**

**JUSTIFICATION**

**Plans & Studies**

The Blue Plains Intermunicipal Agreement of 2012; the DCWASA Master Plan (1998); and the DCWASA Approved FY 2013 Capital Improvements Program.

**Specific Data**

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

**Cost Change**

Cost increase is primarily due to further revised higher estimates for the Dual Purpose Sedimentation Basins Rehab, Filtration/Disinfection Facilities Rehab Phase II, and Effluent Disinfection Upgrades in later years.

**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 .....	21923
<b>Total Costs</b> .....		<b>21923</b>
Impact on Water or Sewer Rate.....		47¢

**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	267,346
Present Cost Estimate	274,457
Approved Request, Last FY	9,458
Total Expenditures & Encumbrances	227,524
Approval Request FY 14	5,308
Supplemental Approval Request Current FY (13)	

**G. Status Information**

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

**H. Map Map Reference Code:**

**MAP NOT AVAILABLE**

Attachment to Resolution No.: 17-768