

<b>A. Identification and Coding Information</b>			2. Date: October 1, 2011	7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.
1. Project Number	Agency Number	Update Code		
954812	S-22.07	Change	Revised: May 10, 2012	
3. Project Name: Blue Plains WWTP: Biosolids Management, Part 2			5. Agency: <b>WSSC</b>	
4. Program: <b>Sanitation</b>			6. Planning Area: Bi-County	

B. Expenditure Schedule (000's)											
Cost Elements	(8) Total	(9) Thru FY '11	(10) Estimate FY '12	(11) Total 6 Years	(12) Year 1 FY '13	(13) Year 2 FY '14	(14) Year 3 FY '15	(15) Year 4 FY '16	(16) Year 5 FY '17	(17) Year 6 FY '18	(18) Beyond 6 Years
Planning, Design & Supervision	84,587	56,120	11,732	16,735	7,998	6,334	1,533	357	372	141	
Land											
Site Improvements & Utilities											
Construction	284,774	83,089	55,111	146,574	101,249	33,493	7,283	3,266	1,225	58	
Other	2,300		668	1,632	1,092	398	88	36	16	2	
<b>Total</b>	<b>371,661</b>	<b>139,209</b>	<b>67,511</b>	<b>164,941</b>	<b>110,339</b>	<b>40,225</b>	<b>8,904</b>	<b>3,659</b>	<b>1,613</b>	<b>201</b>	

C. Funding Schedule (000's)											
WSSC Bonds	351,258	131,567	63,805	155,886	104,282	38,017	8,415	3,458	1,524	190	
City of Rockville	20,403	7,642	3,706	9,055	6,057	2,208	489	201	89	11	

<b>D. Description &amp; Justification</b>	
<b>DESCRIPTION</b>	
<p>22-1-5 This project provides funding for WSSC's share of the Blue Plains biosolids handling projects for which construction began after June 30, 1993. Major projects include: new digestion facilities; gravity and centrifuge thickener facilities; area electrical substation #6; and solids processing building/dewatered sludge loading facility.</p> <p><b>Service Area</b> Bi-County Area <b>Capacity</b> 370 MGD</p>	
<b>JUSTIFICATION</b>	
<p><b>Plans &amp; Studies</b></p> <p>The Blue Plains Intermunicipal Agreement of 1985; the DCWASA Master Plan (1998); EPMC IV Facility Plan (CH2MHILL, 2001); the Biosolids Management at DCWASA Blue Plains Wastewater Treatment Plant Phase II - Design and Cost Considerations for Treatment Alternatives Report (December 2007); and the DCWASA Approved FY 2011 - FY 2020 Capital Improvement Program (January 5, 2012).</p> <p><b>Specific Data</b></p> <p>This project is needed to implement a set of facilities which will provide a permanent biosolids management program for Blue Plains.</p> <p><b>Cost Change</b></p> <p>Cost increase is primarily due to refined estimates as the Anaerobic Digesters and Gravity Thickening Facilities progress through design, and higher costs associated with program management.</p>	
<b>STATUS</b> Not Applicable	
<b>OTHER</b>	
<p>The project scope has remained the same. Project costs are derived from the DCWASA Capital &amp; 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.</p>	
<b>COORDINATION</b>	
<p>City of Rockville (responsible for a share of funding) and District of Columbia Water &amp; Sewer Authority (responsible for design and construction).</p>	
<b>NOTE</b> 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 .....	30896	.....	19
Total Costs .....		30896	.....	19
Impact on Water or Sewer Rate .....		67¢	.....	19

<b>F. Approval and Expenditure Data (000's)</b>	
Date First in Capital Program	FY 95
Date First Approved	FY 95
Initial Cost Estimate	77,296
Cost Estimate Last FY	340,420
Present Cost Estimate	371,661
Approved Request, Last FY	62,573
Total Expenditures & Encumbrances	139,209
Approval Request FY 13	110,339
Supplemental Approval Request Current FY (12)	

<b>G. Status Information</b>	
Land Status:	Not applicable
% Project Completion:	On-Going
Est. Completion Date:	On-Going

<b>H. Map</b>	<b>Map Reference Code:</b>
<p><b>MAP NOT AVAILABLE</b></p>	