

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
033811	W-73.16	Change

2. Date: October 1, 2007
 Revised: _____

3. Project Name: Potomac WFP Improvements
 4. Program: **Sanitation** 6. Planning Area: Bi-County

5. Agency: **WSSC**

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

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

Program Costs	Staff
	Other
Facility Costs	Maintenance
	Debt Service	8401	11
Total Costs		8401	11
Impact on Water or Sewer Rate.....		17¢	11

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '07	(10) Estimate FY '08	(11) Total 6 Years	(12) Year 1 FY '09	(13) Year 2 FY '10	(14) Year 3 FY '11	(15) Year 4 FY '12	(16) Year 5 FY '13	(17) Year 6 FY '14	(18) Beyond 6 Years
Planning, Design & Supervision	20,769	13,986	2,300	4,483	2,300	2,183					
Land											
Site Improvements & Utilities											
Construction	104,774	25,492	27,000	52,282	27,000	25,282					
Other	8,607		2,930	5,677	2,930	2,747					
Total	134,150	39,478	32,230	62,442	32,230	30,212					

C. Funding Schedule (000's)

WSSC Bonds	92,564	27,240	22,239	43,085	22,239	20,846					
SDC	41,586	12,238	9,991	19,357	9,991	9,366					

D. Description & Justification

DESCRIPTION

In accordance with the program management plan, WSSC pursued designing and constructing rapid mix/flow splitting modifications, pumping station and ultraviolet disinfection facilities, replacement of MCC No. 1, new backwash pumping station, and new lime feed facilities as one contract using the CM-at-Risk project delivery method. Outdoor Substation Nos. 1 and 4 were completed under a separate contract in order to expedite replacement of the 5 kV switchgear in the Finished Water Pumping Station.

Service Area Bi-County Area

JUSTIFICATION

Plans & Studies
 WSSC Memorandum by Timothy D. Hirrel, April 25, 2001; "Technical Memorandum No. 2," O'Brien & Gere Engineers, Inc. (November, 2001); "Potomac WFP Facility Plan," O'Brien & Gere Engineers, Inc. (September, 2002); Potomac WFP Improvements Design Development Report (August, 2003); "Potomac WFP Improvements Design Criteria Report," Post, Buckley, Schuh & Jernigan, Inc. (January, 2004); 5 kV Switchgear Improvements Design Development Report (January, 2004).

Specific Data
 These projects are a part of the program of improvements needed to reliably produce 273 MGD in the summer and 218 MGD in the winter in order to meet the April 25, 2001, Water Production Projections for the year 2030. Improvements to the flocculation and sedimentation processes may be needed in the future to increase the total plant capacity to meet projected demands.

Cost Change
 Costs were increased for inflation.

STATUS Under Construction (WSSC Contract Nos. BF2028D97 , BF2028H97).

OTHER
 The project scope has remained the same. Expenditures and schedule are based upon actual bid. Clark/Ulliman Schutte agreed to construct the required facilities for a Guaranteed Maximum Price of \$89.5 million

COORDINATION
 Montgomery County Government, Prince George's County Government, Montgomery County Department of Environmental Protection, Maryland Department of the Environment, Maryland Department of Natural Resources, Prince George's County Department of Environmental Resources and WSSC Project W-172.05, Patuxent WFP Phase II Expansion(coordination of UV criteria).

NOTE This project supports 31% Growth, 49% System Improvement and 20% Environmental Regulation.

F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 04
Date First Approved	FY 03
Initial Cost Estimate	70,247
Cost Estimate Last FY	133,586
Present Cost Estimate	134,150
Approved Request, Last FY	30,250
Total Expenditures & Encumbrances	39,478
Approval Request FY 09	32,230
Supplemental Approval Request Current FY (08)	

G. Status Information

Land Status: Not applicable
 % Project Completion: C-15%
 Est. Completion Date: May 2010

H. Map Map Reference Code:

MAP NOT AVAILABLE