

**A. Identification and Coding Information**

1. Project Number	Agency Number	Update Code
063804	W-172.07	Change

2. Date: October 1, 2007

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

Revised:

5. Agency: **WSSC**

3. Project Name: Patuxent Raw Water Pipeline

4. Program: **Sanitation** 6. Planning Area: Bi-County**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	2,326	711	200	1,415	105	340	700	185	85		
Land											
Site Improvements & Utilities											
Construction	11,737		668	11,069	1,534	1,535		4,000	4,000		
Other	1,335		87	1,248	164	188	70	418	408		
<b>Total</b>	<b>15,398</b>	<b>711</b>	<b>955</b>	<b>13,732</b>	<b>1,803</b>	<b>2,063</b>	<b>770</b>	<b>4,603</b>	<b>4,493</b>		

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

WSSC Bonds	15,398	711	955	13,732	1,803	2,063	770	4,603	4,493		
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**D. Description & Justification****DESCRIPTION**

This project provides for community outreach, planning, design and construction of a new 48-inch diameter or larger raw water pipeline from the Rocky Gorge Raw Water Pumping Station to the Patuxent Water Filtration Plant, cleaning of the existing water lines and replacement of valves.

**JUSTIFICATION****Plans & Studies**

Patuxent WFP Facility Plan (April 1997); In-House Study (April 2002).

**Specific Data**

The existing raw water supply facilities are hydraulically limited to 72 MGD with all pumps running at the Rocky Gorge Pumping Station. In order to convey more than 72 MGD of raw water, a new raw water pipeline is required. A fourth raw water pipeline from Rocky Gorge Pumping Station to the Patuxent Plant and modification/expansion of the Rocky Gorge Pumping Station will provide a firm raw water pumping transmission capacity of 110 MGD. These improvements, in conjunction with expansion of the Patuxent Water Filtration Plant, will give the Plant a firm nominal capacity of 72 MGD, with an emergency capacity of 110 MGD.

**Cost Change**

Construction cost estimates have decreased based upon the actual bid for the Rocky Gorge Valve Replacement Contract.

**STATUS** Under Construction (WSSC Contract Nos. BF1582C91 , BF1582E91).

**OTHER**

The project scope has remained the same. The percent project completion (C-0%) refers to the Rocky Gorge valve replacement and the cleaning of the existing raw water pipelines portion of the project. The new raw water pipeline portion of the project is still under planning review with construction deferred until FY'12. Expenditure estimates for the pipeline portion shown in Block B above are planning level estimates only and may change based upon the alignment chosen and design constraints. Construction will not proceed until both County Councils have approved the raw water pipeline alignment. Land costs are included in Project W-202.00.

**COORDINATION**

Montgomery County Government, Prince George's County Government, Maryland-National Capital Park & Planning Commission, Maryland Department of the Environment, Interstate Commission on the Potomac River Basin, Local Community Civic Associations (West Laurel Civic Association), Baltimore Gas & Electric and WSSC Projects W-172.04, Patuxent Water Treatment Implementation, W-172.05, Patuxent WFP Phase II Expansion and W-172.08, Rocky Gorge Pump Station Upgrade.

**NOTE** This project supports 100% System Improvement.

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

Program Costs	Staff .....	.....	
	Other .....	.....	
Facility Costs	Maintenance .....	115	14
	Debt Service .....	1442	14
Total Costs.....		1557	14
Impact on Water or Sewer Rate.....		3¢	14

**F. Approval and Expenditure Data (000's)**

Date First in Capital Program	FY 06
Date First Approved	FY 03
Initial Cost Estimate	18,750
Cost Estimate Last FY	16,066
Present Cost Estimate	15,398
Approved Request, Last FY	1,210
Total Expenditures & Encumbrances	711
Approval Request FY 09	1,803
Supplemental Approval Request Current FY (08)	

**G. Status Information**

Land Status:	Land & R/W to be acquired
% Project Completion:	C-0%
Est. Completion Date:	See Block D "Other"

**H. Map Map Reference Code:****MAP NOT AVAILABLE**