

A. Identification and Coding Information

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

2. Date: October 1, 2013

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

Revised:

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3. Project Name: Patuxent Raw Water Pipeline

5. Agency: **WSSC**4. Program: **Sanitation** 6. Planning Area: Bi-County**E. Annual Operating Budget Impact (000's)**

FY of Impact

Program Costs	Staff
	Other
Facility Costs	Maintenance	128	18
	Debt Service	1397	18
Total Costs.....		1525	18
Impact on Water or Sewer Rate.....		3¢	18

B. Expenditure Schedule (000's)

Cost Elements	(8) Total	(9) Thru FY '13	(10) Estimate FY '14	(11) Total 6 Years	(12) Year 1 FY '15	(13) Year 2 FY '16	(14) Year 3 FY '17	(15) Year 4 FY '18	(16) Year 5 FY '19	(17) Year 6 FY '20	(18) Beyond 6 Years
Planning, Design & Supervision	3,939	2,703	350	886	207	210	239	230			
Land											
Site Improvements & Utilities											
Construction	17,714	5,748	200	11,766	2,607	1,037	3,720	4,402			
Other	1,320		55	1,265	281	125	396	463			
Total	22,973	8,451	605	13,917	3,095	1,372	4,355	5,095			

C. Funding Schedule (000's)

WSSC Bonds	(8) Total	(9) Thru FY '13	(10) Estimate FY '14	(11) Total 6 Years	(12) Year 1 FY '15	(13) Year 2 FY '16	(14) Year 3 FY '17	(15) Year 4 FY '18	(16) Year 5 FY '19	(17) Year 6 FY '20	(18) Beyond 6 Years
WSSC Bonds	22,973	8,451	605	13,917	3,095	1,372	4,355	5,095			

D. Description & Justification**DESCRIPTION**

This project provides for community outreach, planning, design and construction of a new 48-inch diameter 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

Not applicable.

STATUS Preliminary Design (WSSC Contract Nos. BF1582E91 , BF1582C91).

OTHER

The project scope has remained the same. The Rocky Gorge Valve Replacement and the cleaning of existing raw water pipelines are 100% complete. The new raw water pipeline is currently in design. Expenditure and schedule estimates for the new raw water pipeline may change based upon design constraints and permitting issues. As with any construction project, areas disturbed by construction will be restored. This restoration includes paving of impacted roads in accordance with Prince George's County Policy and Specifications for Utility Installation and Maintenance Manual (Section 4.7.2). Land costs are included in WSSC 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-172.05, Patuxent WFP Phase II Expansion and W-172.08, Rocky Gorge Pump Station Upgrade.

NOTE This project supports 100% System Improvement.

F. Approval and Expenditure Data (000's)

Date First in Capital Program	<input type="text" value="FY 06"/>
Date First Approved	<input type="text" value="FY 03"/>
Initial Cost Estimate	<input type="text" value="18,750"/>
Cost Estimate Last FY	<input type="text" value="22,688"/>
Present Cost Estimate	<input type="text" value="22,973"/>
Approved Request, Last FY	<input type="text" value="3,099"/>
Total Expenditures & Encumbrances	<input type="text" value="8,451"/>
Approval Request FY 15	<input type="text" value="3,095"/>
Supplemental Approval Request Current FY (14)	<input type="text"/>

G. Status Information

Land Status: Land & R/W to be acquired
 % Project Completion: D-70%
 Est. Completion Date: See Block D "Other"

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