

**A. Identification and Coding Information**

1. Project Number: 063805    Agency Number: W-172.08    Update Code: Change

2. Date: October 1, 2009    Revised:    7. Pre PDF Pg.No.:    8. Req. Adeq. Pub. Fac.:

3. Project Name: Rocky Gorge Pump Station Upgrade    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 .....	.....	
	Debt Service .....	1299	14
Total Costs.....		1299	14
Impact on Water or Sewer Rate.....		3¢	14

**B. Expenditure Schedule (000's)**

Cost Elements	(8) Total	(9) Thru FY '09	(10) Estimate FY '10	(11) Total 6 Years	(12) Year 1 FY '11	(13) Year 2 FY '12	(14) Year 3 FY '13	(15) Year 4 FY '14	(16) Year 5 FY '15	(17) Year 6 FY '16	(18) Beyond 6 Years
Planning, Design & Supervision	3,408	2,011	168	1,229	24	615	500	90			
Land											
Site Improvements & Utilities											
Construction	10,975		750	10,225	250	5,000	4,750	225			
Other	1,238		92	1,146	27	562	525	32			
<b>Total</b>	<b>15,621</b>	<b>2,011</b>	<b>1,010</b>	<b>12,600</b>	<b>301</b>	<b>6,177</b>	<b>5,775</b>	<b>347</b>			

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

WSSC Bonds	15,621	2,011	1,010	12,600	301	6,177	5,775	347			
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**D. Description & Justification**

**DESCRIPTION**  
This project provides for the modification and/or expansion of the Rocky Gorge Pump Station to allow the station to provide up to 110 MGD of raw water to the Patuxent Water Filtration Plant.

**JUSTIFICATION**

**Plans & Studies**  
Patuxent WFP Facility Plan (April 1997); In-House Study (April 2002)

**Specific Data**  
The modification and expansion of the Rocky Gorge Raw Water Pumping Station will provide a firm raw water pumping capacity of 110 MGD. The improvements to the pump station, along with a fourth water pipeline (W-172.07) and expansion of the Patuxent Plant (W-172.05) will give the Patuxent Plant a firm nominal capacity of 72 MGD, with emergency capacity of 110 MGD.

**Cost Change**  
Cost estimates were increased to cover the cost of a turbine upgrade.

**STATUS** Final Design (WSSC Contract No. BF1582G91, ).

**OTHER**  
The project scope remains the same. Expenditure estimates shown in Block B above are design level estimates and may change based upon actual bids. The project schedule has been delayed. The current plan calls for construction to begin in June 2011, following completion of the Prince George's side of the Duckett Dam upgrade.

**COORDINATION**  
Maryland State Highway Administration, Montgomery County Government, Prince George's County Government, Maryland Department of the Environment, Baltimore Gas & Electric and WSSC Projects W-139.02, Duckett & Brighton Dam Upgrades, W-172.05, Patuxent WFP Phase II Expansion and W-172.07, Patuxent Raw Water Pipeline.

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

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

Date First in Capital Program	FY 06
Date First Approved	FY 03
Initial Cost Estimate	12,930
Cost Estimate Last FY	14,902
Present Cost Estimate	15,621
Approved Request, Last FY	560
Total Expenditures & Encumbrances	2,011
Approval Request FY 11	301
Supplemental Approval Request Current FY (10)	

**G. Status Information**

Land Status: No land or R/W required

% Project Completion: D-100%

Est. Completion Date: July 2013

**H. Map    Map Reference Code:**

MAP NOT AVAILABLE

22-50