

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
093801	W-138.02	Change

3. Project Name: Shady Grove Standpipe Replacement

4. Program: **Sanitation** 6. Planning Area: Gaithersburg & Vicinity P.A. 20

2. Date: October 1, 2013

Revised:

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

5. Agency: **WSSC****E. Annual Operating Budget Impact (000's)**

FY of Impact

Program Costs	Staff	
	Other	
Facility Costs	Maintenance	
	Debt Service	563	19
Total Costs.....		563	19
Impact on Water or Sewer Rate.....		1¢	19

B. Expenditure Schedule (000's)

	(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
Cost Elements											
Planning, Design & Supervision	1,537	1,332	95	110	49	30	24	7			
Land											
Site Improvements & Utilities											
Construction	5,750		575	5,175	2,875	1,438	575	287			
Other	894		101	793	439	220	90	44			
Total	8,181	1,332	771	6,078	3,363	1,688	689	338			

C. Funding Schedule (000's)

WSSC Bonds	8,181	1,332	771	6,078	3,363	1,688	689	338			
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D. Description & Justification**DESCRIPTION**

This project provides for the planning, design, and construction of 3.0 million gallons (MG) of elevated storage to replace the existing Shady Grove Standpipe.

Service Area Montgomery High Pressure Zone HG660A**Capacity** 3.0 MG**JUSTIFICATION****Plans & Studies**

Water Storage Volume Criteria Report (November 2005); 2006 Water Production Projections; WSSC Memorandum dated May 7, 2007, from Karen Wright, Systems Control Group Leader; WSSC Memorandum dated May 24, 2007, from Tim Hirrel, Planning Group.

Specific Data

The existing 5.0 MG standpipe is in need of extensive repairs. Replacing the standpipe with a smaller elevated storage facility will provide the same level of service while helping to meet U.S. Environmental Protection Agency regulations for disinfectant by-products and improving water quality.

Cost Change

Costs decreased based upon revised engineering estimates stemming from a decision to proceed with a composite style tank in lieu of all steel.

STATUS Final Design (WSSC Contract No. BE5061A09,).**OTHER**

The project scope has remained the same. Expenditure and schedule projections shown in Block B are design level estimates and may change based upon site-specific conditions and actual bid.

COORDINATION

Montgomery County Government, City of Rockville, Maryland Department of the Environment and Maryland Department of Natural Resources.

NOTE This project supports 100% System Improvement.**F. Approval and Expenditure Data (000's)**

Date First in Capital Program	FY 09
Date First Approved	FY 09
Initial Cost Estimate	7,475
Cost Estimate Last FY	9,687
Present Cost Estimate	8,181
Approved Request, Last FY	2,083
Total Expenditures & Encumbrances	1,332
Approval Request FY 15	3,363
Supplemental Approval Request Current FY (14)	

G. Status Information

Land Status: Public/Agency owned land

% Project Completion: D-98%

Est. Completion Date: FY 2018

H. Map Map Reference Code: