

A. Identification and Coding Information

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

2. Date: October 1, 2007 7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.

Revised:

3. Project Name: Shady Grove Standpipe Replacement

5. Agency: **WSSC**

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

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	500			500	120	180	100	100			
Land											
Site Improvements & Utilities											
Construction	6,000			6,000		2,000	3,000	1,000			
Other	975			975	18	327	465	165			
Total	7,475			7,475	138	2,507	3,565	1,265			

C. Funding Schedule (000's)

WSSC Bonds	7,475		7,475	138	2,507	3,565	1,265			
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D. Description & Justification

DESCRIPTION

This project provides for planning, design and construction of up to 3 million gallons of elevated storage to replace the existing Shady Grove Standpipe. This is in lieu of extensive and costly maintenance for the existing facility which, because of the large volume of unusable storage inherent in a standpipe as opposed to an elevated facility, contributes to water quality problems such as loss of disinfectant residual and increases in undesirable disinfectant by-products.

Service Area Montgomery High Pressure Zone HG660

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 million gallon standpipe is in need of extensive repairs estimated to cost approximately \$2 million. Replacing the standpipe with a smaller elevated storage facility will provide the same level of service while helping to meet new USEPA regulations for disinfectant by-products and improving water quality.

Cost Change

Not applicable.

STATUS Planning

OTHER

The project scope was developed for the FY 2009 CIP, and has an estimated total cost of \$7,475,000. Expenditures shown in Block "B" are an order of magnitude estimate and may increase as the project proceeds.

COORDINATION

Maryland State Highway Administration, Montgomery County Government and Maryland-National Capital Park & Planning Commission.

NOTE This project supports 100% System Improvement.

E. Annual Operating Budget Impact (000's)

FY of Impact

Program Costs	Staff	
	Other	
Facility Costs	Maintenance	
	Debt Service	678	13
Total Costs		678	13
Impact on Water or Sewer Rate.....		1¢	13

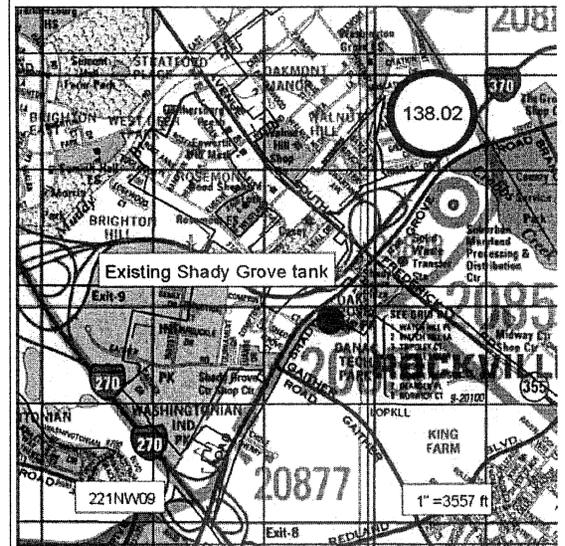
F. Approval and Expenditure Data (000's)

Date First in Capital Program	<input type="text"/>	FY 09
Date First Approved	<input type="text"/>	FY 09
Initial Cost Estimate	<input type="text"/>	7,475
Cost Estimate Last FY	<input type="text"/>	
Present Cost Estimate	<input type="text"/>	7,475
Approved Request, Last FY	<input type="text"/>	
Total Expenditures & Encumbrances	<input type="text"/>	
Approval Request FY 09	<input type="text"/>	138
Supplemental Approval Request Current FY (08)	<input type="text"/>	138

G. Status Information

Land Status: Not Applicable
 % Project Completion: P-0%
 Est. Completion Date: FY 2012

H. Map Map Reference Code:



26-51