

A. Identification and Coding Information

1. Project Number	Agency Number	Update Code
063801	W-3.02	Change

2. Date: October 1, 2009

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

Revised:

3. Project Name: Olney Standpipe Replacement

5. Agency: **WSSC**

4. Program: **Sanitation** 6. Planning Area: Olney & Vicinity P.A. 23

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	1,196	314	400	482	216	180	86				
Land											
Site Improvements & Utilities											
Construction	3,510			3,510	944	2,065	501				
Other	659		60	599	174	337	88				
Total	5,365	314	460	4,591	1,334	2,582	675				

C. Funding Schedule (000's)

WSSC Bonds	5,365	314	460	4,591	1,334	2,582	675				
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D. Description & Justification

DESCRIPTION

This project provides for the community outreach, planning, site selection, design, and construction of 1.0 million gallons (MG) of elevated storage to serve the Olney area. Demolition of the existing Olney Standpipe is part of this project.

Service Area Montgomery High Pressure Zone HG660

Capacity 1.5 MG

JUSTIFICATION

Plans & Studies

Montgomery County High Zone Facility Plan, Boyle Engineering (1991); WSSC Memorandum from Jeff Asner to Karen Wright dated March 22, 2004; Water Storage Volume Criteria Report (November 2005).

Specific Data

The efforts of the Systems Control Group have improved the minimum chlorine residual concentrations and appear to have lowered the THM concentrations in the distribution system. However, these efforts still leave the Olney area with troublesome chlorine residuals and results in low-pressure complaints during the drawdown efforts. The existing Olney Standpipe with 1.8 MG of non-usable storage requires constant attention to maintain acceptable water quality.

Cost Change

The increase in construction costs for this project is a result of increasing the tank capacity from 1 MG to 1.5 MG. The increased tank capacity will allow the Commission to maximize reduced energy rates, provide greater flexibility in maintaining service for longer periods of time during emergencies, and decrease the need for frequent pumping. Additionally, from a system hydraulic perspective, the volume increase is compatible with the Olney location.

STATUS Facility Planning (WSSC Contract No. BE4473A06,).

OTHER

The project scope has remained the same. Expenditures shown are planning level estimates only and may change depending on site-specific conditions and design constraints.

COORDINATION

Montgomery County Government and Maryland-National Capital Park & Planning Commission (anticipates receiving Mandatory Referral submissions from WSSC as the project reaches the preliminary design stage).

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	468	14
Total Costs		468	14
Impact on Water or Sewer Rate.....			

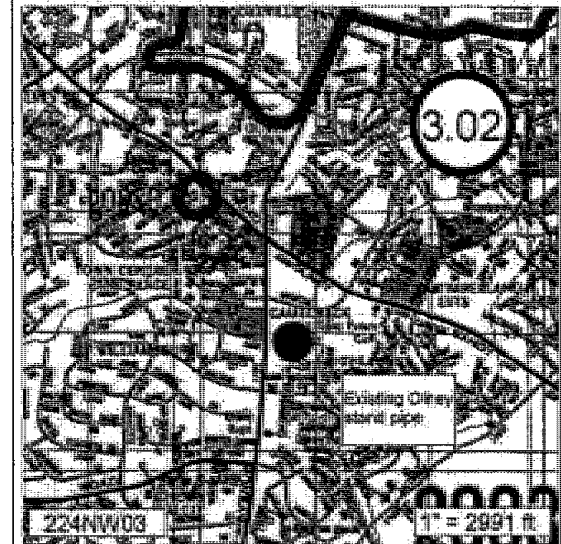
F. Approval and Expenditure Data (000's)

Date First in Capital Program	FY 06
Date First Approved	FY 06
Initial Cost Estimate	3,911
Cost Estimate Last FY	4,556
Present Cost Estimate	5,365
Approved Request, Last FY	475
Total Expenditures & Encumbrances	314
Approval Request FY 11	1,334
Supplemental Approval Request Current FY (10)	

G. Status Information

Land Status: Not determined
 % Project Completion: P-60%
 Est. Completion Date: January 2013

H. Map Map Reference Code:



22-59