A. Identification and Coding Information				2. Da	2. Date: October 1, 2013			7. Pre PDF Pg.No.: 8. Req. Adeq. Pub. Fac.					E. Annual Operating Budget Impact (000's)		FY of Impac
1. Project NumberAgency NumberUpdate Code143800W-90.04Change		Revised:									Program Costs Staff Other				
 3. Project Name: Brink Zone Reliability Improvements 4. Program: Sanitation 6. Planning Area: 			Montgomery County			Ę	5.Agency: WSSC					Total Costs Debt Service 285 Impact on Water or Sewer Rate 285		18 18 	
В.			E	Expenditu	ire Schec	lule (000'	s)						F. Approval and Expenditure Data (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	Date First in Capital Program		FY 14
Planning, Design	& Supervision	415	115	50	250	200	50						Date First Approved		FY 14
Land													Initial Cost Estimate		345
Site Improvement	ts & Utilities												Cost Estimate Last FY		345
Construction		3,200			3,200		1,200	2,000					Present Cost Estimate		4,141
Other		526		8	518	30	188	300					Approved Request, Last FY		345
Total		4,141	115	58	3,968	230	1,438	2,300					Total Expenditures & Encumbrances		115
C. Funding Schedule (000's)											Approval Request FY 15		230		
WSSC Bonds		4,141	115	58	3,968	230	1,438	2,300					Supplemental Approval Request		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a new water pumping station and pipeline to increase reliability and redundancy to the Montgomery County High Zone water transmission system, specifically the HG760, HG836, and HG960, and dependant pressure zones.

Service Area Brink Pressure Zone HG760A, Woodfield Pressure Zone HG740A, Clarksburg Pressure Zone HG740B, Clarksburg Pressure Zone HG760B, Sweepstakes Pressure Zone HG835A, Seneca Springs Pressure Zone HG835B, Cedar Heights Pressure Zone HG836A, Kings Bridge Pressure Zone HG836B, Kingstead Knolls Pressure Zone HG842A, Tralee Pressure Zone HG850A, Damascus Pressure Zone HG960A

JUSTIFICATION

Plans & Studies

Business Case Evaluation: Brink Reliability Assessment, Black & Veatch, (June 2013)

Specific Data

The Neelsville Water Pumping Station is the sole delivery of water from the Montgomery County High Zone (HG660) through a single 24-inch diameter PCCP Water Transmission Main that crosses 2 miles to the Brink Elevated Tank (HG760). The selected alternative will effectively deliver water to the Brink Elevated Tank and, in turn, the Cedar Heights (HG836), Damascus (HG960), and dependent pressure zones.

Cost Change

Initial cost estimates were updated to include order of magnitude estimates for design and construction.

STATUS Planning

OTHER

The project scope has evolved beyond exploring alternatives to address reliability and redundancy issues, to provide for the planning, design, and construction of a new water pumping station and pipeline. Expenditure and schedule estimates for design and construction were developed through an engineering and business case analysis. FY'13 expenditures are those related to the business case analysis.

COORDINATION

Montgomery County Government and Montgomery County Department of Environmental Protection.

NOTE This project supports 100% System Improvement.

G. Status Information

Current FY (14)

_and Status:	Not Applicable
% Project Completion:	P-90%
Est. Completion Date:	FY 2017

H. Map Map Reference Code:

