

Spring Gardens WWPS Replacement

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000094.14	382003	Change

PDF Date	October 1, 2024
Date Revised	

Pressure Zones	
Drainage Basins	Monocacy 25
Planning Areas	Damascus & Vicinity PA 11

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'24	Estimate FY'25	Total 6 Years	Year 1 FY'26	Year 2 FY'27	Year 3 FY'28	Year 4 FY'29	Year 5 FY'30	Year 6 FY'31	Beyond 6 Years
Planning, Design & Supervision	2,142	1,047	443	652	326	326					
Land											
Construction	7,000			7,000			2,333	2,333	2,334		
Other	1,215		67	1,148	49	49	350	350	350		
Total	10,357	1,047	510	8,800	375	375	2,683	2,683	2,684		

C. Funding Schedule (000's)

WSSC Bonds	3,421	347	169	2,905	125	125	885	885	885		
SDC	6,936	700	341	5,895	250	250	1,798	1,798	1,799		

D. Description & Justification

DESCRIPTION <p>This project provides for the planning, design, and construction of a 1.3 MGD wastewater pumping station, 7,500 linear feet of force main, and 900 linear feet of gravity sewer. The relocated wastewater pumping station and force main will provide service to the existing and future Spring Gardens service area.</p>
BENEFIT <p>Infrastructure Reinvestment: This project replaces existing infrastructure that has exceeded its useful life; System Capacity: This project will enhance existing infrastructure by building additional capacity in order to meet existing and/or future demand; Environmental Sustainability: This project supports WSSC Water's commitment to protect the natural environment of Prince George's and Montgomery Counties</p>
JUSTIFICATION <p>The existing pumping station and force main are over 45 years old and have reached the end of their useful lives. Additionally, the existing capacity of the pumping station must be increased to accommodate build-out of the service area and therefore it must be replaced with a new facility rated at 1.3 MGD. This replacement work was recommended by various business case evaluations undertaken as part of WSSC Water's Asset Management Program.</p>
COST CHANGE <p>The schedule and expenditure projections were revised based upon updated engineer's estimates.</p>
OTHER <p>The project scope has remained the same. The schedule and expenditure projections shown in Block B above are preliminary planning level estimates and are expected to change based upon site conditions and design constraints. Planning work began in FY'18 under ESP S-602.26, Spring Gardens WWPS Replacement. Future land costs are included in project S-203.00.</p>
COORDINATION <p>Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Public Works and Transportation; Montgomery County Government</p> <p>Coordinating Projects: Not Applicable</p>

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	\$109	31
Debt Service	\$178	31
Total Cost	\$287	31
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)	
Date First in Program	FY'20
Date First Approved	FY'20
Initial Cost Estimate	10,180
Cost Estimate Last FY	12,424
Present Cost Estimate	10,357
Approved Request Last FY	57
Total Expense & Encumbrances	1,047
Approval Request Year 1	375

G. Status Information	
Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	40 %
Estimated Completion Date	June 2030

Growth	67%
System Improvement	33%
Environmental Regulation	
Population Served	
Capacity	1.3 MGD

H. Map
MAP NOT APPLICABLE