

Spring Gardens WWPS Replacement

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

PDF Date	October 1, 2020
Date Revised	

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'20	Estimate FY'21	Total 6 Years	Year 1 FY'22	Year 2 FY'23	Year 3 FY'24	Year 4 FY'25	Year 5 FY'26	Year 6 FY'27	Beyond 6 Years
Planning, Design & Supervision	2,636	176	412	2,048	100	637	637	262	412		
Land											
Construction	7,109			7,109			1,030	4,275	1,804		
Other	920		41	879	10	64	167	454	184		
Total	10,665	176	453	10,036	110	701	1,834	4,991	2,400		

C. Funding Schedule (000's)

WSSC Bonds	3,520	59	149	3,312	37	231	605	1,647	792		
SDC	7,145	117	304	6,724	73	470	1,229	3,344	1,608		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 1.3 MGD wastewater pumping station, 7,500 LF of force main, and 900 LF of gravity sewer. The relocated wastewater pumping station and force main will provide service to the existing and future Spring Gardens service area.

JUSTIFICATION

The existing pumping station and force main are over forty-one 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. The Asset Management Office Business Case CNPV6 recommended the pumping station replacement.

COST CHANGE

Not applicable.

OTHER

The project scope remained the same. The schedule and expenditure projections shown in Block B above are preliminary planning level estimates and may change based upon site conditions and design constraints. Planning work began in FY'18 under ESP project S-602.26, Spring Gardens WWPS Replacement. Future land costs are included in WSSC Water's project S-203.00.

COORDINATION

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
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	\$229	27
Total Cost	\$229	27
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	11,048
Present Cost Estimate	10,665
Approved Request Last FY	705
Total Expense & Encumbrances	176
Approval Request Year 1	110

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	5 %
Estimated Completion Date	June 2026

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

H. Map

