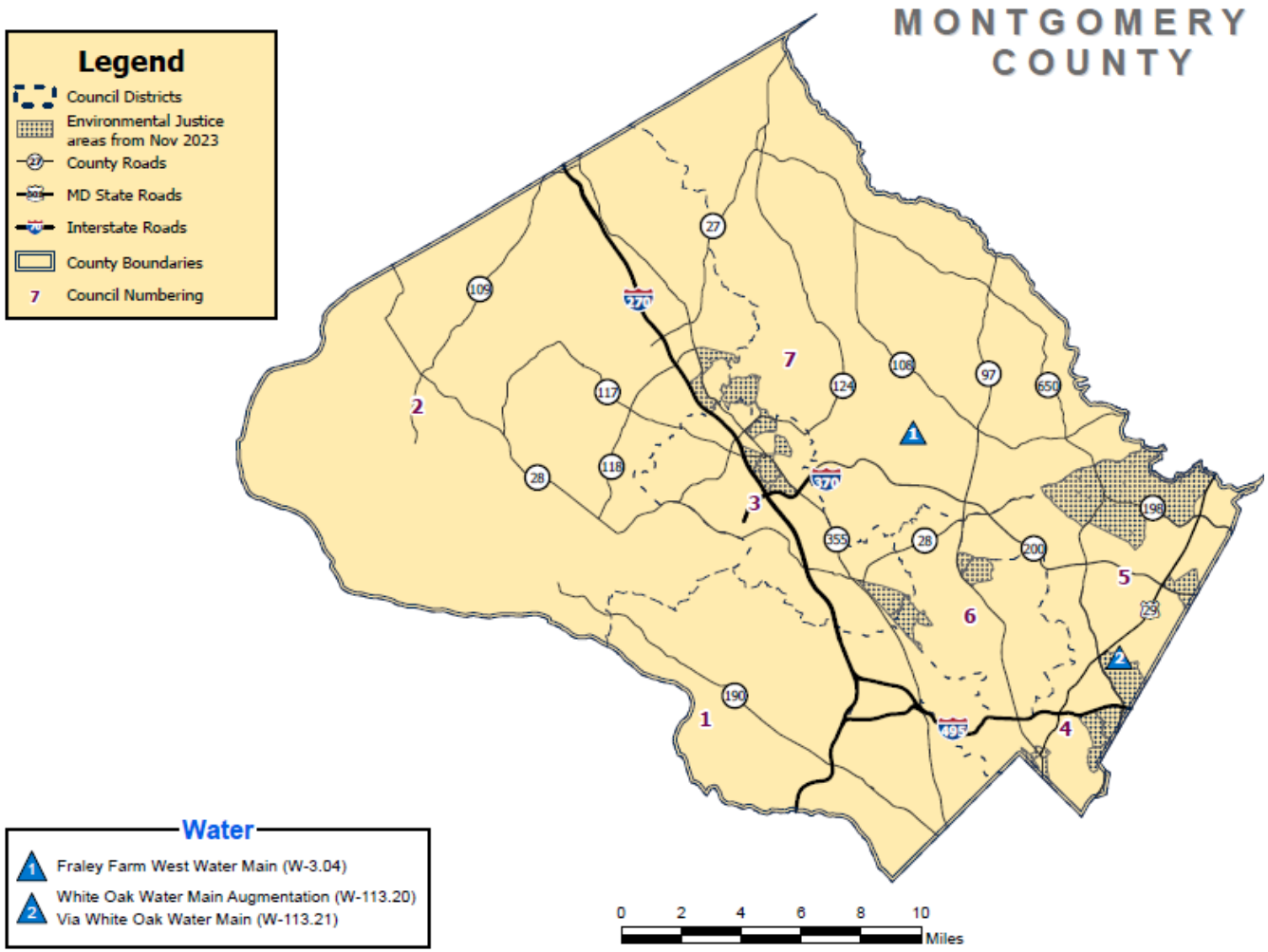
Section 1 - Montgomery County Water Projects



Financial Summary -October 1, 2025
(All Figures in Thousands)

Montgomery County Water Projects

CAPITAL PROJECT NUMBER	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND 26	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
	Water Distribution (Water Mains and Pump Stations)											
W - 000003.04	Fraley Farm West Water Main	$1,029	$0	$0	$1,029	$89	$940	$0	$0	$0	$0	1-2
W - 000113.20	White Oak Water Mains Augmentation	$10,839	$1,623	$7,764	$1,452	$1,452	$0	$0	$0	$0	$0	1-3
W - 000113.21	Viva White Oak Water Main	$2,111	$0	$0	$2,111	$845	$529	$316	$210	$106	$105	1-4
	CATEGORY SUBTOTAL	**$13,979**	**$1,623**	**$7,764**	**$4,592**	**$2,386**	**$1,469**	**$316**	**$210**	**$106**	**$105**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$13,979**	**$1,623**	**$7,764**	**$4,592**	**$2,386**	**$1,469**	**$316**	**$210**	**$106**	**$105**	

Fraley Farm West Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000003.04		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Montgomery High Zone HG660A
Drainage Basins	
Planning Areas	Upper Rock Creek PA 22

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	103			103	77	26					
Land											
Construction	791			791		791					
Other	135			135	12	123					
Total	**1,029**			**1,029**	**89**	**940**					

C. Funding Schedule (000's)

SDC	1,029			1,029	89	940					

D. Description & Justification

DESCRIPTION

The project is a 16" main that will have an approximate length of 4000 linear feet along Bowie Mill Road. The subdivision will be known as Fraley Farms and abuts Fraley Farm Rd.

JUSTIFICATION

This is an extension to provide service for 42 Single Family Dwelling Units along Bowie Mill Road.

COST CHANGE

Not applicable

OTHER

The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Department of Public Works and Transportation
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$186	
Debt Service		
Total Cost	$186	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

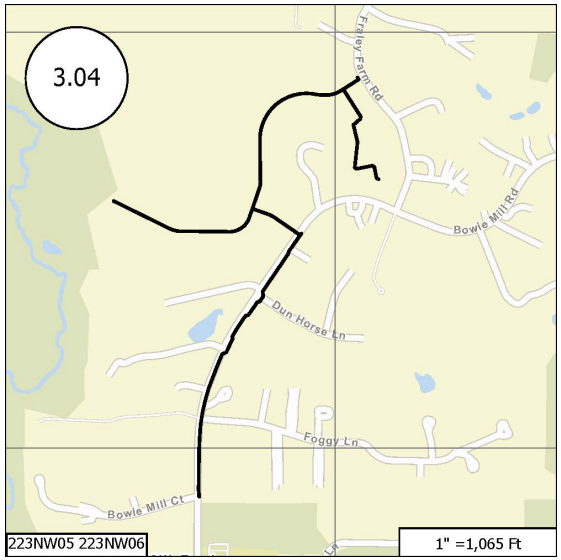
Date First in Program	03/26/2024
Date First Approved	N/A
Initial Cost Estimate	1,003
Cost Estimate Last FY	1,003
Present Cost Estimate	1,029
Approved Request Last FY	917
Total Expense & Encumbrances	
Approval Request Year 1	89

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	33 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	126
Capacity	

H. Map



White Oak Water Mains Augmentation

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000113.20	382001	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Montgomery Main 495A
Drainage Basins	
Planning Areas	Fairland-Beltsville (PG) PA 61; Langley Park & Vicinity PA 65

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	586	558	26	2	2						
Land											
Construction	9,051	1,065	6,725	1,261	1,261						
Other	1,202		1,013	189	189						
Total	**10,839**	**1,623**	**7,764**	**1,452**	**1,452**						

C. Funding Schedule (000's)

SDC	10,839	1,623	7,764	1,452	1,452						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction required for the replacement of 7,015 feet of 4-inch to 20-inch diameter water main along Cherry Hill Road, Gracefield Road, and Powder Mill Road to serve three planned projects in the White Oak area: Washington Adventist Hospital, VIVA Global LifeSci Village, and Food & Drug Administration White Oak Master Plan.

JUSTIFICATION

The existing mains in these areas will be upsized to provide adequate capacity to serve domestic and fire flow needs for the three new developments. The mains will also provide additional looping and redundancy to the 495A Pressure Zone.

MWCOG Round 8.0 growth forecasts; WSSC Memorandum dated November 21, 2017; Capital Needs Process Validation #122 submitted December 4, 2017.

COST CHANGE

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are construction estimates and are expected to change based upon site conditions and design constraints. The expenditure projections were revised based on the approved construction contract and the updated schedule.

OTHER

The project scope has been revised to remove 635 feet of pipe that was constructed under another project. The schedule and expenditure projections shown in Block B above are preliminary design level estimates and are expected to change based upon site conditions and design constraints. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Montgomery County Government; Prince George's County Government
Coordinating Projects: W - 000113.21 - Viva White Oak Water Main

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$325	28
Debt Service		
Total Cost	$325	28
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

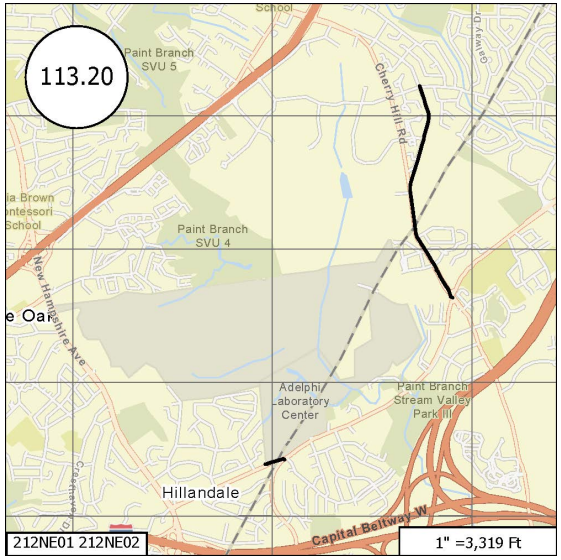
Date First in Program	FY'20
Date First Approved	FY'20
Initial Cost Estimate	4,830
Cost Estimate Last FY	10,965
Present Cost Estimate	10,839
Approved Request Last FY	3,744
Total Expense & Encumbrances	1,623
Approval Request Year 1	1,452

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	30 %
Estimated Completion Date	August 2026

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Viva White Oak Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000113.21	382202	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Montgomery Main 495A
Drainage Basins	
Planning Areas	Colesville-White Oak & Vicinity PA 33; Fairland (MC) PA 34

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	422			422	169	106	63	42	21	21	
Land											
Construction	1,414			1,414	566	354	212	141	71	70	
Other	275			275	110	69	41	27	14	14	
Total	**2,111**			**2,111**	**845**	**529**	**316**	**210**	**106**	**105**	

C. Funding Schedule (000's)

SDC	2,111			2,111	845	529	316	210	106	105	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 8,900 feet of 16-inch diameter water main to serve Viva White Oak and vicinity.

JUSTIFICATION

Viva White Oak Hydraulic Planning Analysis (July 2019).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Public Works and Transportation; Montgomery County Government
Coordinating Projects: S - 000118.09 - Viva White Oak Sewer Main; S - 000118.10 - Viva White Oak Sewer Augmentation; W - 000113.20 - White Oak Water Mains Augmentation

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$413	
Debt Service		
Total Cost	$413	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

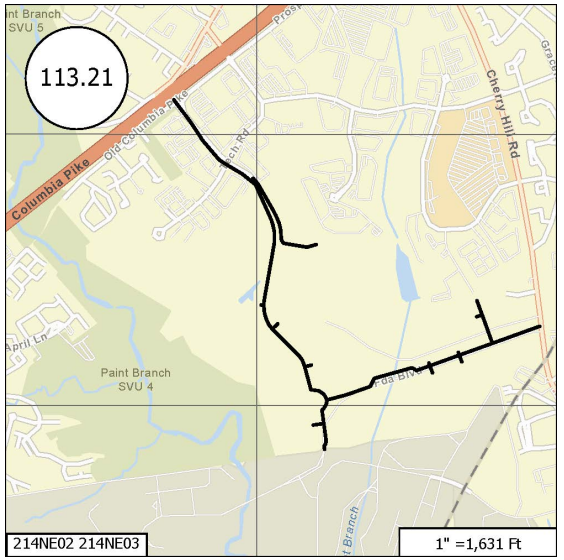
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	1,780
Cost Estimate Last FY	2,058
Present Cost Estimate	2,111
Approved Request Last FY	822
Total Expense & Encumbrances	
Approval Request Year 1	845

G. Status Information

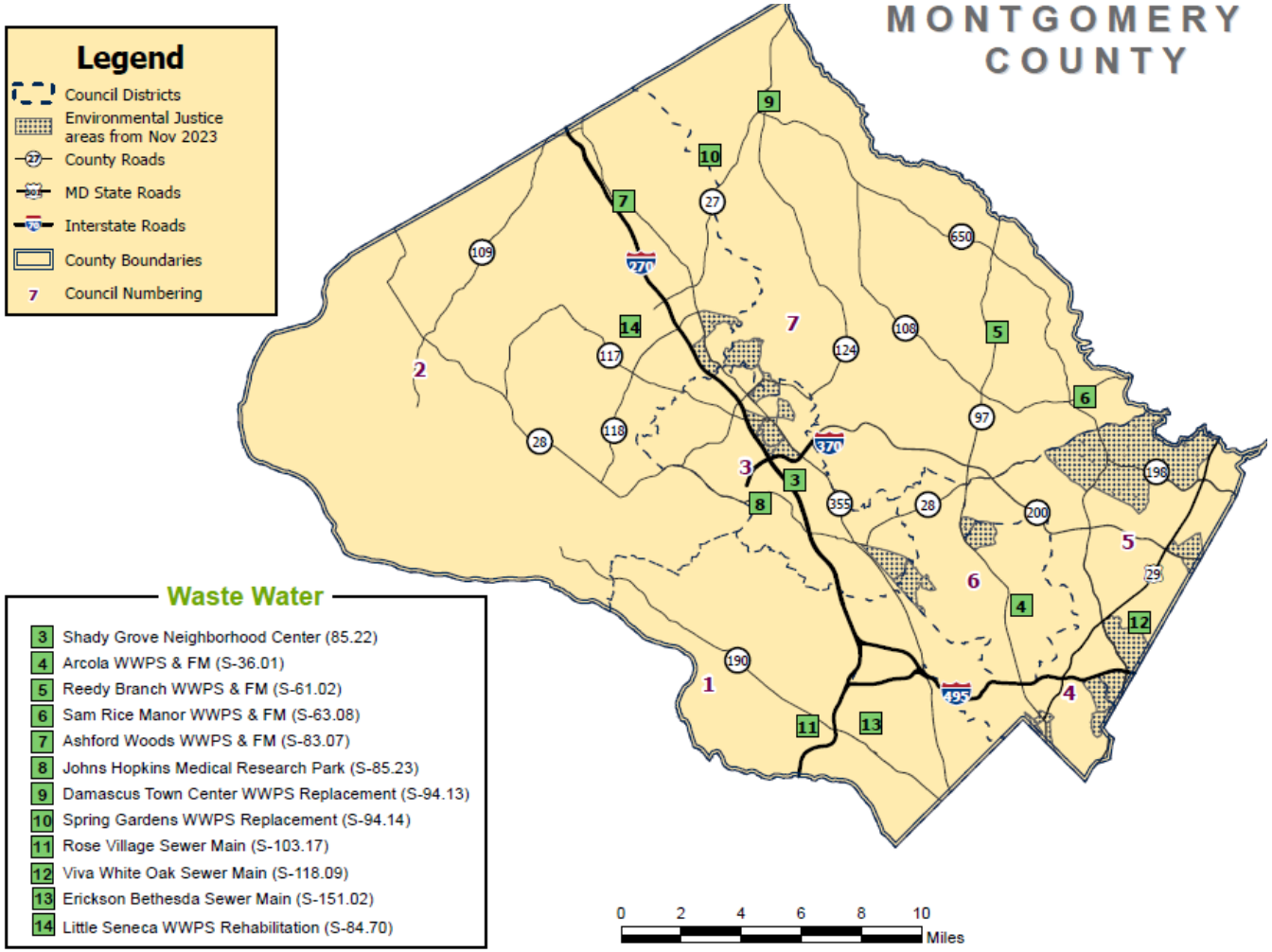
Land Status	Not Applicable
Project Phase	Planning
Percent Complete	20 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	53,300
Capacity	

H. Map



Section 2 - Montgomery County Sewer Projects



Financial Summary -October 1, 2025
(All Figures in Thousands)
Montgomery County Sewer Projects

CAPITAL PROJECT NUMBER	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND 26	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Wastewater Collection (Sewer and Pump Stations)												
S - 000036.01	Arcola WWPS & FM	$7,857	$212	$299	$7,346	$2,970	$3,068	$1,250	$58	$0	$0	2-3
S - 000061.02	Reddy Branch WWPS & FM	$14,486	$235	$325	$13,926	$825	$721	$4,126	$4,127	$4,127	$0	2-4
S - 000063.08	Sam Rice Manor WWPS & FM	$8,411	$167	$160	$8,084	$612	$559	$271	$2,657	$2,657	$1,328	2-5
S - 000083.07	Ashford Woods WWPS & FM	$4,115	$495	$1,432	$2,188	$2,188	$0	$0	$0	$0	$0	2-6
S - 000084.70	Little Seneca WWPS Rehabilitation	$21,722	$0	$1,408	$20,314	$2,816	$908	$2,215	$7,115	$7,260	$0	2-7
S - 000085.23	Johns Hopkins Medical Research Park Sewer	$7,636	$101	$2,607	$4,928	$1,024	$1,651	$2,253	$0	$0	$0	2-8
S - 000094.13	Damascus Town Center WWPS Replacement	$11,441	$1,418	$3,244	$6,779	$6,188	$591	$0	$0	$0	$0	2-9
S - 000094.14	Spring Gardens WWPS Replacement	$11,043	$1,432	$371	$9,240	$393	$393	$2,818	$2,818	$2,818	$0	2-10
S - 000103.17	Rose Village Sewer Main	$1,945	$14	$65	$1,866	$966	$578	$185	$137	$0	$0	2-11
S - 000118.09	Viva White Oak Sewer Main	$1,780	$0	$0	$1,780	$712	$445	$267	$178	$90	$88	2-12
S - 000151.02	Erickson Bethesda Sewer Main	$3,014	$300	$1,380	$1,334	$1,334	$0	$0	$0	$0	$0	2-13
	CATEGORY SUBTOTAL	**$93,450**	**$4,374**	**$11,291**	**$77,785**	**$20,028**	**$8,914**	**$13,385**	**$17,090**	**$16,952**	**$1,416**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$93,450**	**$4,374**	**$11,291**	**$77,785**	**$20,028**	**$8,914**	**$13,385**	**$17,090**	**$16,952**	**$1,416**	

WSSC Water FYs 2027 - 2032 Combined Program
New Project Listing
(All figures in thousands)

County	Project Type	Agency Number	Project Name	Total Project Cost	6-year Project Cost	Budget Project Cost	Page Number
Montgomery	Sewer	S - 000084.70	Little Seneca WWPS Rehabilitation	21,722	20,314	2,816	2-7
	-	-	**Totals:**	21,722	20,314	2,816	-

Arcola WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000036.01	382301	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Sligo Creek 06
Planning Areas	Kensington-Wheaton PA 31

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,397	212	260	925	800	52	73				
Land											
Construction	5,463			5,463	1,783	2,616	1,014	50			
Other	997		39	958	387	400	163	8			
Total	**7,857**	**212**	**299**	**7,346**	**2,970**	**3,068**	**1,250**	**58**			

C. Funding Schedule (000's)

WSSC Bonds	7,857	212	299	7,346	2,970	3,068	1,250	58			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Arcola Wastewater Pumping Station and replacement of the Arcola Force Main. The rehabilitation will replace both pumps, maintaining the pumping station's 0.17 MGD capacity. The existing 1,300 linear feet of 4-inch force main will be replaced. In addition, replacement of all electrical and mechanical components, piping assets, and the HVAC system are included.

JUSTIFICATION

The existing pumping station and force main were constructed in 1961 and have reached the end of their useful lives. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #183).

COST CHANGE

The schedule and expenditure projections were revised based upon current construction cost estimates.

OTHER

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 for the replacement and upgrade began in FY'21 under ESP S-616.01, Arcola Force Main Replacement and WWPS Upgrade.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other	$1,865	31
Maintenance		
Debt Service	$482	31
Total Cost	$2,347	31
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	6,140
Cost Estimate Last FY	6,163
Present Cost Estimate	7,857
Approved Request Last FY	932
Total Expense & Encumbrances	212
Approval Request Year 1	2,970

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	25 %
Estimated Completion Date	July 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	0.17 MGD

H. Map

Reddy Branch WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000061.02	382302	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Rock Creek 05
Planning Areas	Olney & Vicinity PA 23

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,040	235	295	1,510	750	655	35	35	35		
Land											
Construction	11,150			11,150			3,716	3,717	3,717		
Other	1,296		30	1,266	75	66	375	375	375		
Total	**14,486**	**235**	**325**	**13,926**	**825**	**721**	**4,126**	**4,127**	**4,127**		

C. Funding Schedule (000's)

WSSC Bonds	14,486	235	325	13,926	825	721	4,126	4,127	4,127		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the existing 3.04 MGD wastewater pumping station and replacement of approximately 12,774 feet of existing force main.

JUSTIFICATION

The existing pumping station and 16-inch diameter PCCP force main were built in 1971 and have reached the end of their useful lives. The station is subject to flooding and there are safety concerns with equipment operation. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #200).

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

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'21 under ESP S-611.04, Reddy Branch WWPS Upgrade. Future land costs are included in project S-203.00.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Montgomery County Government; Town of Brookeville
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$889	33
Total Cost	$889	33
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

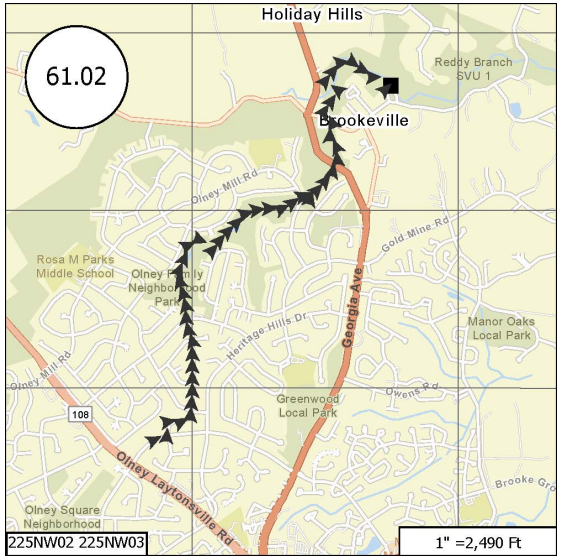
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	24,614
Cost Estimate Last FY	13,588
Present Cost Estimate	14,486
Approved Request Last FY	275
Total Expense & Encumbrances	235
Approval Request Year 1	825

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	5 %
Estimated Completion Date	June 2032

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	3.04 MGD

H. Map



Sam Rice Manor WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000063.08	382303	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Lower Anacostia 9
Planning Areas	Patuxent PA 15

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,560	167	139	1,254	532	486	236				
Land											
Construction	5,775			5,775				2,310	2,310	1,155	
Other	1,076		21	1,055	80	73	35	347	347	173	
Total	**8,411**	**167**	**160**	**8,084**	**612**	**559**	**271**	**2,657**	**2,657**	**1,328**	

C. Funding Schedule (000's)

WSSC Bonds	1,404	28	28	1,348	104	95	46	442	442	219	
SDC	7,007	139	132	6,736	508	464	225	2,215	2,215	1,109	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.12 MGD wastewater pumping station and 3,521 linear feet of force main. The relocated wastewater pumping station and force main will provide service to the existing and future Ashton Service Area.

JUSTIFICATION

The existing pumping station was originally installed in 1977 and has reached the end of its useful life. The station does not meet current standards and is in jeopardy from encroaching streambank erosion. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #191).

COST CHANGE

Not applicable.

OTHER

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'21 under ESP S-625.02, Sam Rice Manor WWPS Rehabilitation. Future land costs are included in project S-203.00.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$47	32
Debt Service	$86	32
Total Cost	$133	32
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

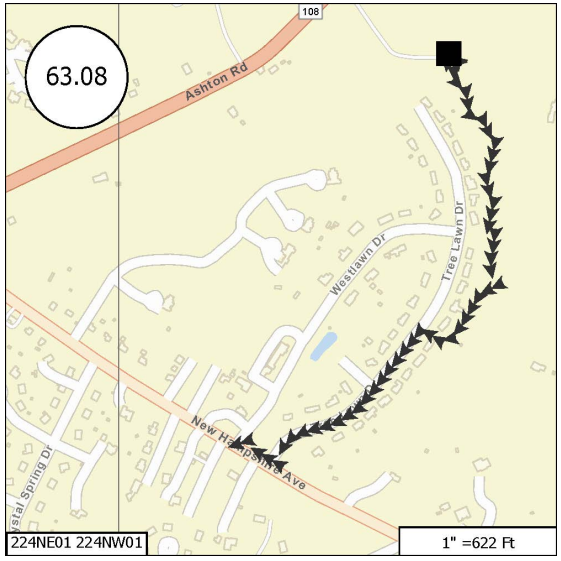
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	5,501
Cost Estimate Last FY	7,470
Present Cost Estimate	8,411
Approved Request Last FY	308
Total Expense & Encumbrances	167
Approval Request Year 1	612

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	10 %
Estimated Completion Date	December 2030

Growth	83%
System Improvement	17%
Environmental Regulation	
Population Served	
Capacity	0.12 MGD

H. Map



Ashford Woods WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000083.07	382304	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15
Planning Areas	Clarksburg & Vicinity PA 13

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,070	495	351	224	224						
Land											
Construction	2,573		894	1,679	1,679						
Other	472		187	285	285						
Total	**4,115**	**495**	**1,432**	**2,188**	**2,188**						

C. Funding Schedule (000's)

SDC	2,818	418	817	1,583	1,583						
Contributions/Other	1,297	77	615	605	605						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.42 MGD wastewater pumping station and 2,160 feet of force main to serve the Egan property.

JUSTIFICATION

Ashford Woods Hydraulic Planning Analysis (January 2021).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. Design and construction will be performed by the developer under a Systems Extension Permit. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$47	
Debt Service		
Total Cost	$47	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

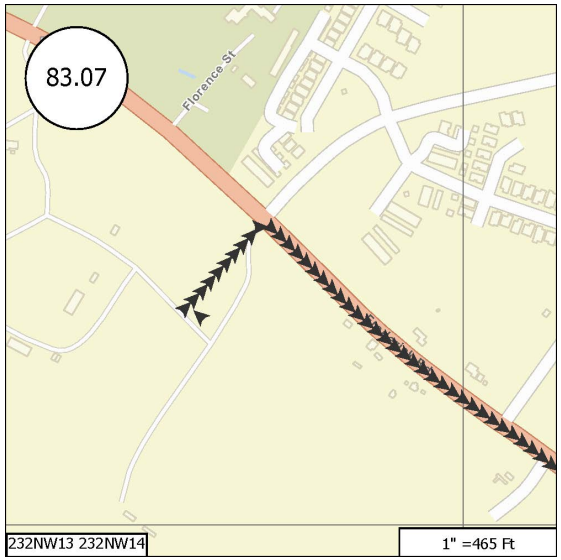
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	3,591
Cost Estimate Last FY	3,814
Present Cost Estimate	4,115
Approved Request Last FY	1,257
Total Expense & Encumbrances	495
Approval Request Year 1	2,188

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	97 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	1,530
Capacity	0.42 MGD

H. Map



Little Seneca WWPS Rehabilitation

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000084.70		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Seneca Creek 15
Planning Areas	Germantown & Vicinity PA 19

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	6,057		1,280	4,777	2,560	830	198	589	600		
Land											
Construction	13,714			13,714			1,822	5,892	6,000		
Other	1,951		128	1,823	256	78	195	634	660		
Total	**21,722**		**1,408**	**20,314**	**2,816**	**908**	**2,215**	**7,115**	**7,260**		

C. Funding Schedule (000's)

WSSC Bonds	21,722		1,408	20,314	2,816	908	2,215	7,115	7,260		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Little Seneca Wastewater Pumping Station and replacement of the Little Seneca Force Main. The rehabilitation will replace pumps, generator, electrical equipment and associated equipment, while increasing the current pumping station's 8.2 MGD capacity to account for 2045 10-year storm flows. The project includes the replacement/rehabilitation of approximately 9,250 linear feet of force main.

JUSTIFICATION

The existing pumping station was constructed in 1984 and has reached the end of its useful live. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #164), and in addition the replacement/rehabilitation of the force main.

Little Seneca WWPS Business Case Evaluation (June 2023).

COST CHANGE

Not applicable.

OTHER

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.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$1,334	32
Total Cost	$1,334	32
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

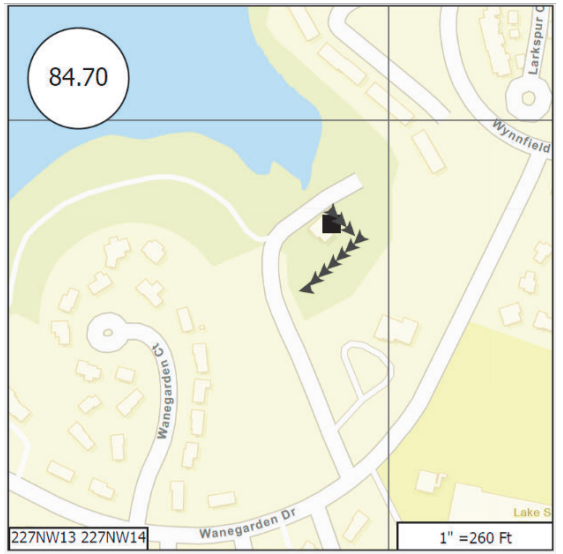
Date First in Program	FY'27
Date First Approved	
Initial Cost Estimate	40,590
Cost Estimate Last FY	
Present Cost Estimate	21,722
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	2,816

G. Status Information

Land Status	
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	June 2031

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	8.2 MGD

H. Map



Johns Hopkins Medical Research Park Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000085.23	382401	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Muddy Branch 13
Planning Areas	Gaithersburg & Vicinity PA 20

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,193	101	378	714	148	240	326				
Land											
Construction	5,460		1,889	3,571	742	1,196	1,633				
Other	983		340	643	134	215	294				
Total	**7,636**	**101**	**2,607**	**4,928**	**1,024**	**1,651**	**2,253**				

C. Funding Schedule (000's)

Contributions/Other	7,636	101	2,607	4,928	1,024	1,651	2,253				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 12,390 feet of 15-inch diameter or larger sewer mains to serve the Johns Hopkins Medical Research Park and vicinity. This work will extend service to the new development and replace existing sewer mains downstream of the development.

JUSTIFICATION

Johns Hopkins Medical Research Park Hydraulic Planning Analysis (February 2022).

COST CHANGE

The project has not progressed as scheduled in FY25. The schedule and expenditure projections have been shifted one year resulting in an increase $1.8m for FY26 as compared to approved FY26.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: City of Gaithersburg; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$271	
Debt Service		
Total Cost	$271	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

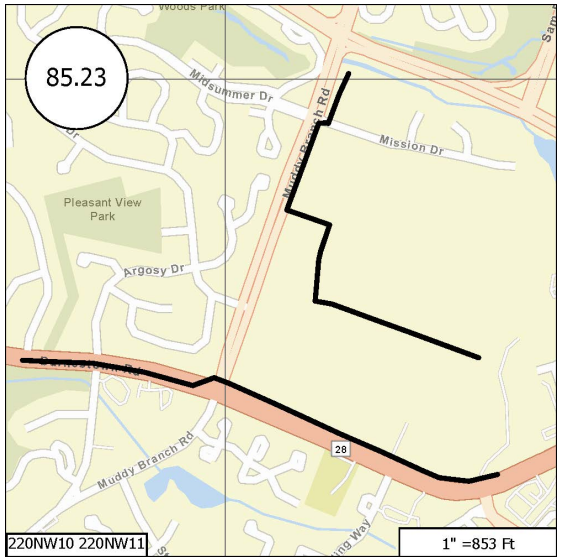
Date First in Program	FY'24
Date First Approved	FY'24
Initial Cost Estimate	6,545
Cost Estimate Last FY	6,713
Present Cost Estimate	7,636
Approved Request Last FY	851
Total Expense & Encumbrances	101
Approval Request Year 1	1,024

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Damascus Town Center WWPS Replacement

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000094.13	382002	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Patuxent North 26; Seneca Creek 15
Planning Areas	Damascus & Vicinity PA 11

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,656	1,344	150	162	125	37					
Land	60	60									
Construction	8,812	13	2,799	6,000	5,500	500					
Other	912		295	617	563	54					
Total	**11,440**	**1,417**	**3,244**	**6,779**	**6,188**	**591**					

C. Funding Schedule (000's)

WSSC Bonds	8,010	993	2,271	4,746	4,332	414					
SDC	3,431	425	973	2,033	1,856	177					

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.416 MGD wastewater pumping station (WWPS), approximately 2,100 linear feet of gravity sewer, and 2,100 linear feet of force main (FM). The new WWPS and associated FM and gravity sewer will provide service to the existing and future Damascus Town Center service area.

JUSTIFICATION

The existing pumping station, which is over 45 years old, was originally built as a privately owned facility and does not conform to WSSC Water standards. The pumping station was taken over by WSSC Water in the late 1970s. It has reached the end of its useful life and replacement parts are obsolete. Additionally, the capacity of the pumping station must be increased to accommodate the future service area in accordance with the Maryland-National Capital Park & Planning Commission Damascus Master Plan. The pumping station replacement was recommended by the Damascus Town Center WWPS Business Case Evaluation, Black & Veatch (September 2017) undertaken as part of WSSC Water's Asset Management Program.

COST CHANGE

The schedule and expenditure projections were revised based upon current construction cost estimates.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are preliminary design level estimates and are expected to change based upon actual bids. Planning work began in FY'18 under ESP S-602.01, Damascus Town Center WWPS Replacement.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; 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	$77	29
Debt Service	$492	29
Total Cost	$569	29
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

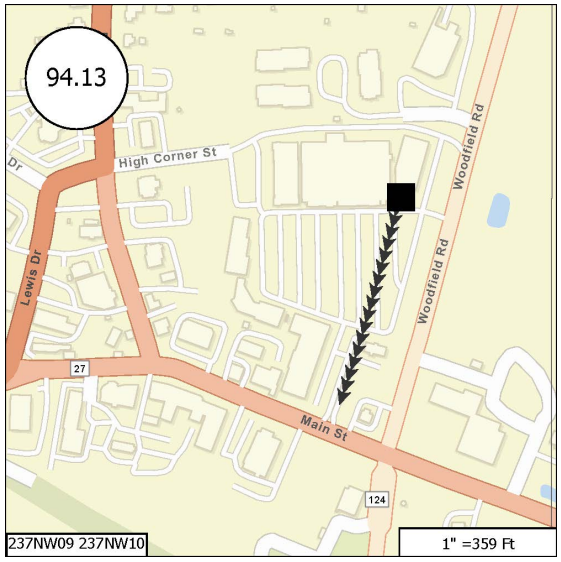
Date First in Program	FY'20
Date First Approved	FY'20
Initial Cost Estimate	9,460
Cost Estimate Last FY	10,133
Present Cost Estimate	11,440
Approved Request Last FY	5,725
Total Expense & Encumbrances	1,417
Approval Request Year 1	6,188

G. Status Information

Land Status	Land and R/W Acquired
Project Phase	Design
Percent Complete	100 %
Estimated Completion Date	July 2027

Growth	30%
System Improvement	70%
Environmental Regulation	
Population Served	854
Capacity	0.416 MGD

H. Map



Spring Gardens WWPS Replacement

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

PDF Date	October 1, 2025
Date Revised	

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

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,439	1,432	323	684	342	342					
Land											
Construction	7,350			7,350			2,450	2,450	2,450		
Other	1,254		48	1,206	51	51	368	368	368		
Total	**11,043**	**1,432**	**371**	**9,240**	**393**	**393**	**2,818**	**2,818**	**2,818**		

C. Funding Schedule (000's)

WSSC Bonds	3,642	472	122	3,048	129	129	930	930	930		
SDC	7,401	960	249	6,192	264	264	1,888	1,888	1,888		

D. Description & Justification

DESCRIPTION

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.

JUSTIFICATION

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.

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

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.

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	$78	31
Debt Service	$224	31
Total Cost	$302	31
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

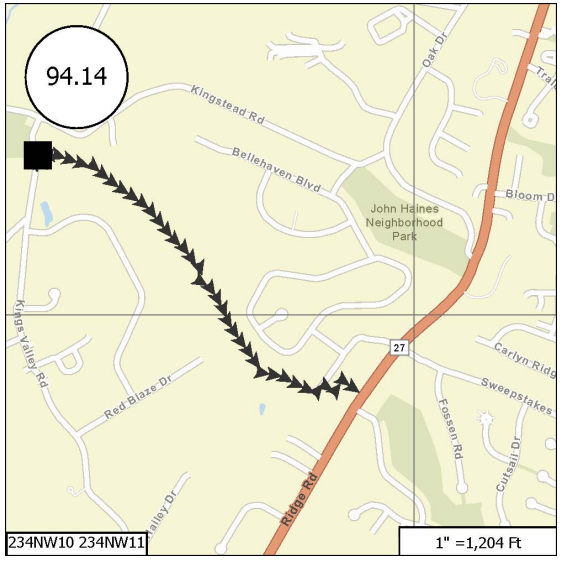
Date First in Program	FY'20
Date First Approved	FY'20
Initial Cost Estimate	10,180
Cost Estimate Last FY	10,357
Present Cost Estimate	11,043
Approved Request Last FY	375
Total Expense & Encumbrances	1,432
Approval Request Year 1	393

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



Rose Village Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000103.17	382402	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Cabin John 07
Planning Areas	Potomac-Cabin John & Vicinity PA 29

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	684	14	57	613	336	222	43	12			
Land											
Construction	1,010			1,010	504	281	118	107			
Other	251		8	243	126	75	24	18			
Total	**1,945**	**14**	**65**	**1,866**	**966**	**578**	**185**	**137**			

C. Funding Schedule (000's)

Contributions/Other	1,945	14	65	1,866	966	578	185	137			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 1,728 feet of 30-inch to 33-inch diameter sewer main to serve the Rose Village development. These sewers will replace existing sewer mains.

JUSTIFICATION

Rose Village Hydraulic Planning Analysis (January 2022).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The expenditure projections are based on 2.5% inflation factors applied to the last year's projections. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

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

F. Approval and Expenditure Data (000's)

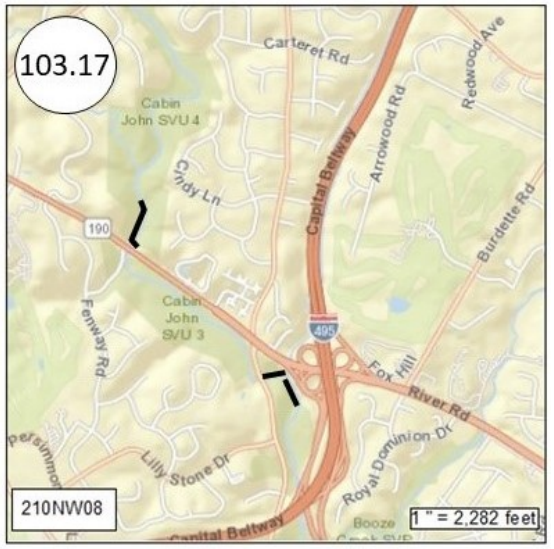
Date First in Program	FY'24
Date First Approved	FY'24
Initial Cost Estimate	1,864
Cost Estimate Last FY	1,885
Present Cost Estimate	1,945
Approved Request Last FY	943
Total Expense & Encumbrances	14
Approval Request Year 1	966

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	50,915
Capacity	

H. Map



Viva White Oak Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000118.09	382203	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Paint Branch 2
Planning Areas	Colesville-White Oak & Vicinity PA 33; Fairland (MC) PA 34

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	356			356	142	89	53	36	18	18	
Land											
Construction	1,192			1,192	477	298	179	119	60	59	
Other	232			232	93	58	35	23	12	11	
Total	**1,780**			**1,780**	**712**	**445**	**267**	**178**	**90**	**88**	

C. Funding Schedule (000's)

SDC	1,780			1,780	712	445	267	178	90	88	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 4,175 feet of 15-inch to 24-inch diameter sewer main to serve Viva White Oak and vicinity.

JUSTIFICATION

Viva White Oak Hydraulic Planning Analysis (July 2019) amended on 8/16/2022.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Montgomery County Government
Coordinating Projects: S - 000118.10 - Viva White Oak Sewer Augmentation; W - 000113.21 - Viva White Oak Water Main

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$91	
Debt Service		
Total Cost	$91	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	1,500
Cost Estimate Last FY	1,738
Present Cost Estimate	1,780
Approved Request Last FY	696
Total Expense & Encumbrances	
Approval Request Year 1	712

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	10 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	4.62 MGD

H. Map

Erickson Bethesda Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000151.02	382305	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Cabin John 07
Planning Areas	North Bethesda PA 30

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	500	300	200								
Land											
Construction	2,160		1,000	1,160	1,160						
Other	354		180	174	174						
Total	**3,014**	**300**	**1,380**	**1,334**	**1,334**						

C. Funding Schedule (000's)

SDC	3,014	300	1,380	1,334	1,334						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 3,600 feet of 15-inch to 18-inch diameter sanitary sewer to serve the Erickson Bethesda development.

JUSTIFICATION

Erickson Bethesda Hydraulic Planning Analysis (March 2021).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$79	
Debt Service		
Total Cost	$79	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	2,740
Cost Estimate Last FY	3,161
Present Cost Estimate	3,014
Approved Request Last FY	1,171
Total Expense & Encumbrances	300
Approval Request Year 1	1,334

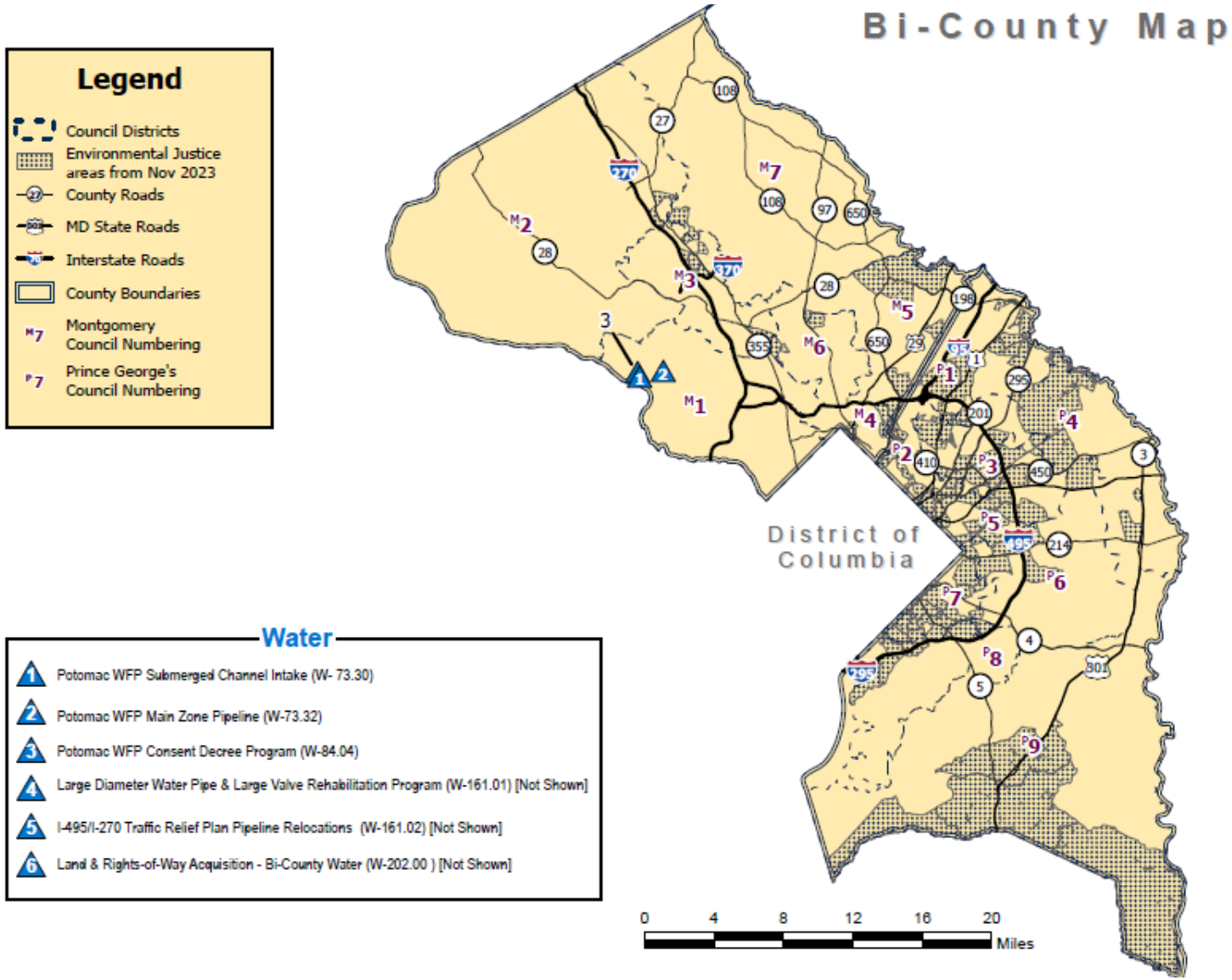
G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	80 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	24,000
Capacity	

H. Map

Section 3 - Bi-County Water Projects



Financial Summary -October 1, 2025
(All Figures in Thousands)
Bi-County Water Projects

CAPITAL PROJECT NUMBER	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND 26	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Water Treatment and Storage (WFPs, Reservoirs, Water Tanks)												
W - 000073.30	Potomac WFP Submerged Channel Intake	$4,200	$0	$0	$4,200	$0	$420	$420	$1,050	$1,050	$1,260	3-3
W - 000073.32	Potomac WFP Main Zone Pipeline	$120,628	$2,328	$2,061	$116,239	$2,785	$3,342	$18,045	$36,732	$36,732	$18,603	3-4
W - 000073.33	Potomac WFP Consent Decree Program	$225,448	$187,264	$25,329	$12,855	$12,855	$0	$0	$0	$0	$0	3-5
	CATEGORY SUBTOTAL	**$350,276**	**$189,592**	**$27,390**	**$133,294**	**$15,640**	**$3,762**	**$18,465**	**$37,782**	**$37,782**	**$19,863**	
Water Distribution (Water Mains and Pump Stations)												
W - 000161.01	Large Diameter Water Pipe & Large Valve Rehabilitation Program	$530,441	$0	$55,899	$474,542	$58,000	$73,557	$79,324	$84,856	$86,980	$91,825	3-6
	CATEGORY SUBTOTAL	**$530,441**	**$0**	**$55,899**	**$474,542**	**$58,000**	**$73,557**	**$79,324**	**$84,856**	**$86,980**	**$91,825**	
Mixed-use (ESP, Other Capital Programs, Land, Beltway)												
W - 000202.00	Land & Rights-of-Way Acquisition - Bi-County Water	$9,125	$0	$1,955	$7,170	$1,695	$1,095	$1,095	$1,095	$1,095	$1,095	3-8
	CATEGORY SUBTOTAL	**$9,125**	**$0**	**$1,955**	**$7,170**	**$1,695**	**$1,095**	**$1,095**	**$1,095**	**$1,095**	**$1,095**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$889,842**	**$189,592**	**$85,244**	**$615,006**	**$75,335**	**$78,414**	**$98,884**	**$123,733**	**$125,857**	**$112,783**	

POTOMAC WATER FILTRATION PLANT PROJECTS

(COSTS IN THOUSANDS)

AGENCY NUMBER	PROJECT NAME	ADOPTED FY'26 TOTAL COST	ADOPTED FY'27 TOTAL COST	CHANGE $	CHANGE %	SIX-YEAR COST	COMPLETION DATE (est)
W-73.30	Potomac WFP Submerged Channel Intake	$420	$0	($420)	-100.0%	$4,200	TBD
W-73.32	Potomac WFP Main Zone Pipeline	$2,085	$2,785	$700	33.6%	$116,239	December 2029
W-73.33	Potomac WFP Consent Decree Program	$38,717	$12,855	($25,862)	-66.8%	$12,855	October 2026
TOTALS		$41,222	$15,640	($25,582)	-62.1%	$133,294	

Summary: This group of projects represents operational improvements to the Potomac Water Filtration Plant (WFP) in Montgomery County. The Potomac WFP Submerged Channel Intake project (W-73.30) will provide an additional barrier against drinking water contamination, enhance reliability, and reduce treatment costs by drawing water from a location with a cleaner, more stable water quality. The Potomac WFP Main Zone Pipeline project (W-73.32) provides an 84-inch diameter redundancy main from the Main Zone pumping station to the 96-inch diameter and 66-inch diameter main wye connections on River Road, upgrades to the High Zone pumping station, and replacement of the existing 78-inch and 48-inch PCCP discharge mains. The Potomac WFP Consent Decree Program project (W-73.33) provides for the planning, design, and construction required for the implementation of Short-Term Operational and Long-Term Capital Improvements at the Potomac Water Filtration Plant (WFP) to allow WSSC Water to meet the new discharge limitations identified in the Consent Decree.

Cost Impact: Expenditure projections were increased to reflect inflation.

Potomac WFP Submerged Channel Intake

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000073.30	033812	Change

PDF Date	October 1, 2025
Date Revised	March 1, 2024

Pressure Zones	Potomac WFP HGPOWF
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	9,000			4,000		400	400	1,000	1,000	1,200	5,000
Land											
Construction	91,000										91,000
Other	5,000			200		20	20	50	50	60	4,800
Total	**105,000**			**4,200**		**420**	**420**	**1,050**	**1,050**	**1,260**	**100,800**

C. Funding Schedule (000's)

WSSC Bonds	105,000			4,200		420	420	1,050	1,050	1,260	100,800

D. Description & Justification

DESCRIPTION

This project includes planning, which involves community outreach and coordination with elected officials, design, and construction of a submerged channel intake to provide an additional barrier against drinking water contamination (particularly Giardia cysts and Cryptosporidium oocysts), as well as to enhance reliability and reduce treatment costs by drawing water from a location with cleaner, more stable water quality.

JUSTIFICATION

The project provides for a more reliable supply by eliminating the current problems associated with ice and vegetation blocking the existing bank withdrawal. This project is consistent with the industry's recommended multiple barrier approach.

Technical Memorandum No. 2 Water Quality Needs Assessment, O'Brien & Gere Engineers, Inc. (November 2001); Draft Source Water Assessment Study, Maryland Department of the Environment (April 2003); Potomac WFP Facility Plan, O'Brien & Gere Engineers, Inc. (September 2002); Draft Feasibility Study Report, Black & Veatch (November 2013).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. Significant outreach activities occurred as part of the planning phase of this project. The National Environmental Policy Act (NEPA) process was concluded in January 2018 when the National Park Service (NPS) approved the Environmental Assessment and transmitted its record of decision and the Finding of No Significant Impact. Future land costs are included in project W-202.00. Both Councils will review the results of the planning work and the updated costs and benefits of the project and must approve continuing the project before design and construction proceed.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Environmental Protection; Montgomery County Government; National Park Service; Prince George's County Department of Environmental Resources; Prince George's County Government; U.S. Army Corps of Engineers
Coordinating Projects: W - 000073.33 - Potomac WFP Consent Decree Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$6,446	36
Total Cost	$6,446	36
Impact on Water and Sewer Rate	$0.01	36

F. Approval and Expenditure Data (000's)

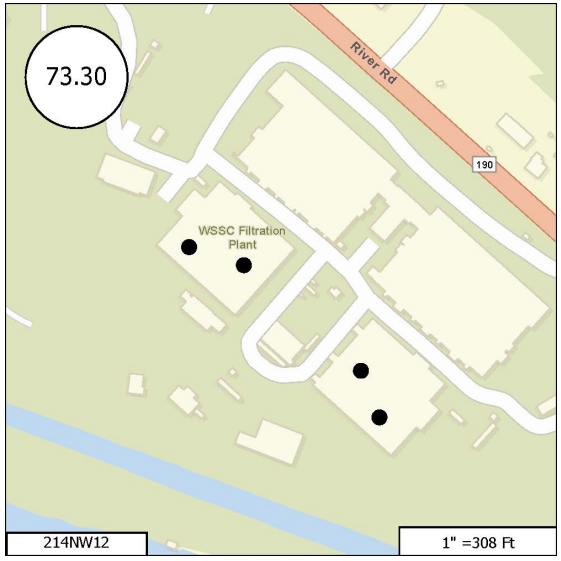
Date First in Program	FY'04
Date First Approved	FY'03
Initial Cost Estimate	936
Cost Estimate Last FY	104,667
Present Cost Estimate	105,000
Approved Request Last FY	420
Total Expense & Encumbrances	
Approval Request Year 1	

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Planning
Percent Complete	100 %
Estimated Completion Date	April 2035

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Potomac WFP Main Zone Pipeline

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000073.32	133800	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Montgomery Main 495A; Prince George's High HG450A;
Drainage Basins	
Planning Areas	Potomac-Cabin John & Vicinity PA 29

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	18,083	2,328	1,963	13,792	2,652	3,183	1,591	2,122	2,122	2,122	
Land											
Construction	96,912			96,912			15,595	32,861	32,861	15,595	
Other	5,633		98	5,535	133	159	859	1,749	1,749	886	
Total	**120,628**	**2,328**	**2,061**	**116,239**	**2,785**	**3,342**	**18,045**	**36,732**	**36,732**	**18,603**	

C. Funding Schedule (000's)

WSSC Bonds	49,458	955	845	47,658	1,142	1,370	7,399	15,060	15,060	7,627	
SDC	71,170	1,373	1,216	68,581	1,643	1,972	10,646	21,672	21,672	10,976	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of redundant finished water discharge mains, water pumping station upgrades, and other process improvements at the Potomac Water Filtration Plant (WFP) to ensure a safe and reliable water supply. This work includes the following: two new 54 -inch discharge pipes from the Main Zone and High Zone pumping stations that will feed into a new 84-inch discharge main that runs to the 96-inch and 66-inch main wye connections on River Road; the addition of two new pumps in the High Zone pumping station to serve the Main Zone; a new 66-inch suction pipe to serve the new pumps in the High Zone pumping station; other modifications to the High Zone pumping station, including surge protection modifications and electrical upgrades; and replacement of the existing 78-inch and 48-inch PCCP discharge mains, which are nearing the end of their useful lives, after the new 84-inch redundant discharge main is in place.

JUSTIFICATION

The primary purpose of this project is to provide redundancy to facilitate extended shutdowns for periodic maintenance, inspections, and repairs and to mitigate the risk to plant operations due to failure of any one of the finished water mains. The existing 78-inch PCCP main, which was installed in 1967, is the primary feed to the 96-inch Montgomery County Main Zone pipeline and the 66-inch River Road pipeline. The existing 48-inch PCCP main, which was installed in 1962, serves as only a partial backup to the 78-inch line, since it is not adequately sized to meet the current summer season demands. Furthermore, the existing mains are nearing the end of their useful lives and the 78-inch main alone cannot meet the projected 2040 maximum day demands of 210 MGD. The 78-inch main and the 48-inch main together could convey 210 MGD; however, relying on both pipes to meet future demands would decrease the redundancy and reliability of WSSC Water's system. The redundancy, process improvement, and rehabilitation/replacement work recommended by the Potomac WFP Main Zone Redundancy Business Case Evaluation (CDM Smith, October 2021), undertaken as part of WSSC Water's Asset Management Program, provides value to the customer by minimizing the risk of failure and ensuring a safe and reliable supply of up to 210 MGD of water in order to meet the current and future needs of the WSSD.

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are order of magnitude estimates and are expected to change based upon site conditions and design constraints. The schedule may change with the construction of the 78-inch and 48-inch replacement pipes after FY'32, once the 84-inch discharge main is in place.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; 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; U.S. Army Corps of Engineers
Coordinating Projects: W - 000073.33 - Potomac WFP Consent Decree Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$70	33
Debt Service	$3,036	33
Total Cost	$3,106	33
Impact on Water and Sewer Rate	$0.01	33

F. Approval and Expenditure Data (000's)

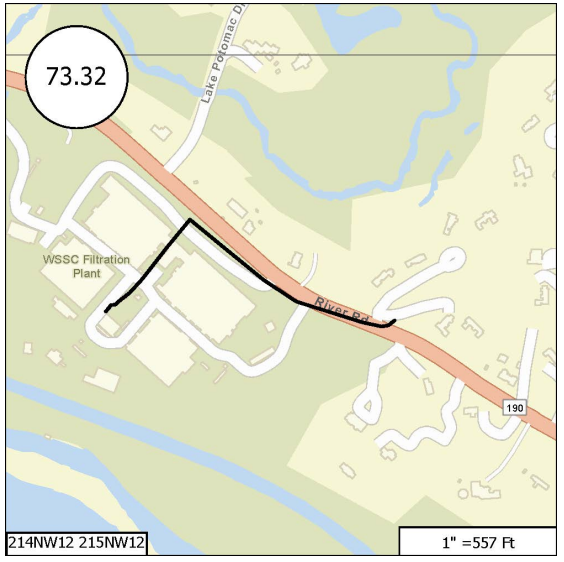
Date First in Program	FY'13
Date First Approved	FY'13
Initial Cost Estimate	330
Cost Estimate Last FY	117,497
Present Cost Estimate	120,628
Approved Request Last FY	2,085
Total Expense & Encumbrances	2,328
Approval Request Year 1	2,785

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	5 %
Estimated Completion Date	June 2032

Growth	59%
System Improvement	41%
Environmental Regulation	
Population Served	
Capacity	210 MGD

H. Map



Potomac WFP Consent Decree Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000073.33	173801	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Potomac WFP HGPOWF
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	24,875	22,009	1,623	1,243	1,243						
Land	1,000	1,000									
Construction	197,755	164,255	22,500	11,000	11,000						
Other	1,818		1,206	612	612						
Total	**225,448**	**187,264**	**25,329**	**12,855**	**12,855**						

C. Funding Schedule (000's)

WSSC Bonds	225,448	187,264	25,329	12,855	12,855						

D. Description & Justification

DESCRIPTION

The Potomac WFP Consent Decree Program provides for the planning, design, and construction required for the implementation of Short-Term Operational and Long-Term Capital Improvements at the Potomac Water Filtration Plant (WFP) to allow WSSC Water to meet the new discharge limitations identified in the Consent Decree.

JUSTIFICATION

The Consent Decree (CD) was Entered by the U.S. District Court of Maryland on April 15, 2016. Under the terms of the CD WSSC Water is required to "undertake short-term operational changes and capital improvements at the Potomac WFP that will enable WSSC Water to reduce significantly the pounds per day of solids discharged to the River" (CD Section II. Paragraph 6.i); and to plan, design, and implement long-term "upgrades to the existing Plant or to design and construct a new plant to achieve the effluent limits, conditions, and waste load allocations established by the Maryland Department of the Environment (the Department) and/or in this Consent Decree, and incorporated in a new discharge permit to be issued by the Department" (CD Section II. Paragraph 6.ii). The CD required WSSC Water to submit a Draft Audit Report and Draft Long-Term Upgrade Plan to the Citizens and the Department by November 15, 2016, and final reports to the Citizens and the Department by January 1, 2017. The Final Audit and Long-Term Upgrade Plan Reports were submitted to the Citizens and the Department on December 29, 2016. The Department reviews the Audit Report and selects recommended improvements in operations, monitoring, and waste tracking, along with select capital projects that can be completed no later than April 1, 2020 and that are necessary to achieve the goals identified in CD Section IV. Paragraph 24. Additionally, the work required to implement the Long-Term Capital Improvements Project(s) shall be fully implemented in accordance with the schedule set forth in the Long-Term Upgrade Plan. In March of 2025, the parties agreed to amend the January 1, 2026, substantial completion deadline to October 11, 2026.

COST CHANGE

The schedule and expenditure projections were revised based upon the amount of time and funding required to complete the remaining projects in this program.

OTHER

The schedule and expenditure projections shown in Block B above are based on actual bids and include $1,000,000 for Supplemental Environmental Projects included under CD Section IX. Paragraph 50. WSSC Water Green Bonds will be utilized to fund a portion of this project. The reduction in suspended solids discharged into the Potomac River will address the following International Capital Market Association (ICMA) Green Bond Principles 2016 categories: Pollution prevention/control; and Terrestrial and aquatic biodiversity conservation.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; National Park Service; Prince George's County Government; U.S. Environmental Protection Agency, Region III
Coordinating Projects: W - 000073.30 - Potomac WFP Submerged Channel Intake; W - 000073.32 - Potomac WFP Main Zone Pipeline

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$13,841	28
Total Cost	$13,841	28
Impact on Water and Sewer Rate	$0.03	28

F. Approval and Expenditure Data (000's)

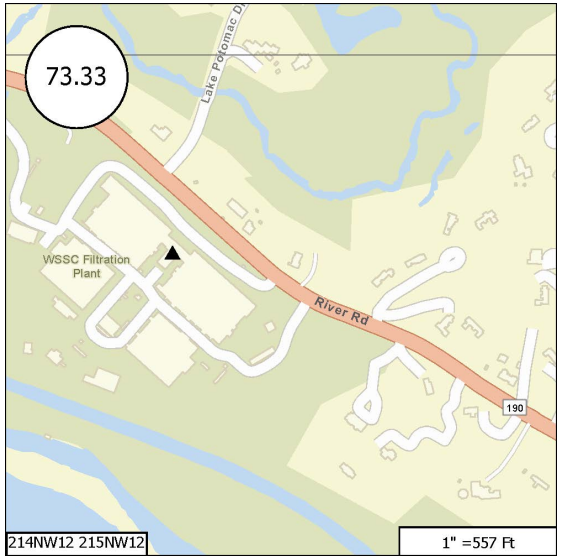
Date First in Program	FY'17
Date First Approved	FY'16
Initial Cost Estimate	27,250
Cost Estimate Last FY	218,954
Present Cost Estimate	225,448
Approved Request Last FY	38,717
Total Expense & Encumbrances	187,264
Approval Request Year 1	12,855

G. Status Information

Land Status	Land Acquired
Project Phase	Construction
Percent Complete	78 %
Estimated Completion Date	June 2027

Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

H. Map



Large Diameter Water Pipe & Large Valve Rehabilitation Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000161.01	113803	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	52,934		5,554	47,380	5,305	7,476	8,243	8,631	8,847	8,878	
Land											
Construction	408,319		43,054	365,265	45,129	56,487	60,734	65,157	66,788	70,970	
Other	69,188		7,291	61,897	7,566	9,594	10,347	11,068	11,345	11,977	
Total	**530,441**		**55,899**	**474,542**	**58,000**	**73,557**	**79,324**	**84,856**	**86,980**	**91,825**	

C. Funding Schedule (000's)

WSSC Bonds	530,441		55,899	474,542	58,000	73,557	79,324	84,856	86,980	91,825	

D. Description & Justification

DESCRIPTION

The purpose of this program is to plan, inspect, design, and rehabilitate or replace large diameter water transmission mains and large system valves that have reached the end of their useful life. Condition assessment and/or corrosion monitoring is performed on metallic pipelines, including ductile iron, cast iron, and steel, to identify lengths of pipe requiring replacement or rehabilitation and cathodic protection. The PCCP Inspection and Condition Assessment and Monitoring Program identifies individual pipe segments that require repair or replacement to assure the continued safe and reliable operation of the pipeline. The program also identifies extended lengths of pipe that require the replacement of an increased number of pipe segments in varying stages of deterioration that are most cost effectively accomplished by the replacement or rehabilitation of long segments of the pipeline or the entire pipeline. Rehabilitation or replacement of these mains provides value to the customer by minimizing the risk of failure and ensuring a safe and reliable water supply. The program includes installation of Acoustic Fiber Optic Monitoring equipment in order to accomplish these goals in PCCP mains.

*EXPENDITURES FOR LARGE DIAMETER WATER PIPE REHABILITATION ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

WSSC Water has approximately 867 miles of large diameter water main ranging from 16-inches to 96-inches in diameter. This includes 194 miles of cast iron, 299 miles of ductile iron, 40 miles of steel, and 326 miles of PCCP. Internal inspection and condition assessment is performed on PCCP pipelines 36-inches and larger in diameter. Of the 326 miles of PCCP, 133 miles are 36-inch diameter and larger. The inspection program includes internal visual and sounding, sonic/ultrasonic testing, and electromagnetic testing to establish the condition of each pipe section and determine if maintenance repairs, rehabilitation, or replacement are needed.

The planning and design phase evaluates the alignment, hydraulic capacity, and project coordination, among other factors, in an effort to re-engineer these pipelines to meet today's design standards. The design effort includes the preparation of bid ready contract documents including all needed rights-of-way acquisitions and regulatory permits. The constructed system is inspected and an as-built plan is produced to serve as the renewed asset record.

In July 2013, WSSC Water's Acoustic Fiber Optic monitoring system identified breaking wires in a 54-inch diameter PCCP water transmission main in the Forestville area of Prince George's County. Upon attempting to close nearby valves to isolate the failing pipe for repair, WSSC Water crews encountered an inoperable valve with a broken gear, requiring the crew to drop back to the next available valve. This dropping-back to another valve would block one of the major water mains serving Prince George's County, significantly enlarging the shutdown area and reduce our capacity to supply water to over 100,000 residents. In order to minimize the risk associated with inoperable large valves and possible water outages, the large valve inspection and repair program was initiated to systematically inspect, exercise, repair, or replace any of the nearly 1,500 large diameter valves and vaults located throughout the system.

Utility Wide Master Plan (December 2007); 30 Year Infrastructure Plan (2007); FY'25 Water Network Asset Management Plan (May 2023).

COST CHANGE

Program costs reflect the latest schedule and expenditure estimates based upon the recommendations from the Buried Water Assets System Asset Management Plan.

OTHER

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$32,565	
Total Cost	$32,565	
Impact on Water and Sewer Rate	$0.07	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'11
Date First Approved	FY'11
Initial Cost Estimate	
Cost Estimate Last FY	480,185
Present Cost Estimate	530,441
Approved Request Last FY	54,595
Total Expense & Encumbrances	
Approval Request Year 1	58,000

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are order of magnitude estimates and are expected to change based upon the results of the on-going inspections and condition assessments. Additional costs associated with PCCP inspection/condition assessment, large valve inspection/repairs, and emergency repairs are included in the Operating Budget. WSSC Water Green Bonds will be utilized to fund a portion of this project. The annual replacement work for large diameter water mains will address the following International Capital Market Association (ICMA) Green Bond Principles 2016 category: Sustainable water management.

COORDINATION

Coordinating Agencies: Local Community Civic Associations; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Public Works and Transportation; Montgomery County Government;(including localities where work is to be performed); Prince George's County Government;(including localities where work is to be performed); Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: W - 000001.00 - Water Reconstruction Program; W - 000107.00 - Specialty Valve Vault Rehabilitation Program

Land & Rights-of-Way Acquisition - Bi-County Water

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000202.00	983857	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land	9,125		1,955	7,170	1,695	1,095	1,095	1,095	1,095	1,095	
Construction											
Other											
Total	**9,125**		**1,955**	**7,170**	**1,695**	**1,095**	**1,095**	**1,095**	**1,095**	**1,095**	

C. Funding Schedule (000's)

WSSC Bonds	9,091		1,921	7,170	1,695	1,095	1,095	1,095	1,095	1,095	
SDC	34		34								

D. Description & Justification

DESCRIPTION

This project provides a consolidated estimate of funding for the acquisition of land and rights-of-way for water projects and programs and for easement and land acquisitions for watershed protection. Expenditures are programmed based upon anticipated schedules and are required for the completion of those specific projects. These costs do not include purchases which have already been completed.

JUSTIFICATION

Consolidation of expenditures for land and rights-of-way acquisitions provides flexibility in expending funds in a specific fiscal year and permits WSSC Water to respond to the uncertainty of project-specific implementation schedules. Other considerations include the accommodation of unpredictable delays which impact the timing of a planned purchase, unanticipated rights-of-way requirements due to minor alignment changes identified late in the design phase, and the need to assure WSSC Water an equitable negotiation position by avoiding project-specific cost displays prior to contacting property owners.

Acquisition needs are determined by WSSC Water and are based upon facility planning efforts, alignment studies, field surveys, realignments required by other agencies, or requirements identified within the Development Services Process.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are estimates only and may change based upon actual negotiations. When purchases are complete, the actual cost will be displayed in the expenditure schedule on the appropriate project.

COORDINATION

Coordinating Agencies: Not Applicable
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$558	
Total Cost	$558	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'98
Date First Approved	FY'98
Initial Cost Estimate	
Cost Estimate Last FY	8,815
Present Cost Estimate	9,125
Approved Request Last FY	1,095
Total Expense & Encumbrances	
Approval Request Year 1	1,695

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	Not Applicable

Growth	
System Improvement	23%
Environmental Regulation	77%
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Section 4 - Bi-County Sewer Projects

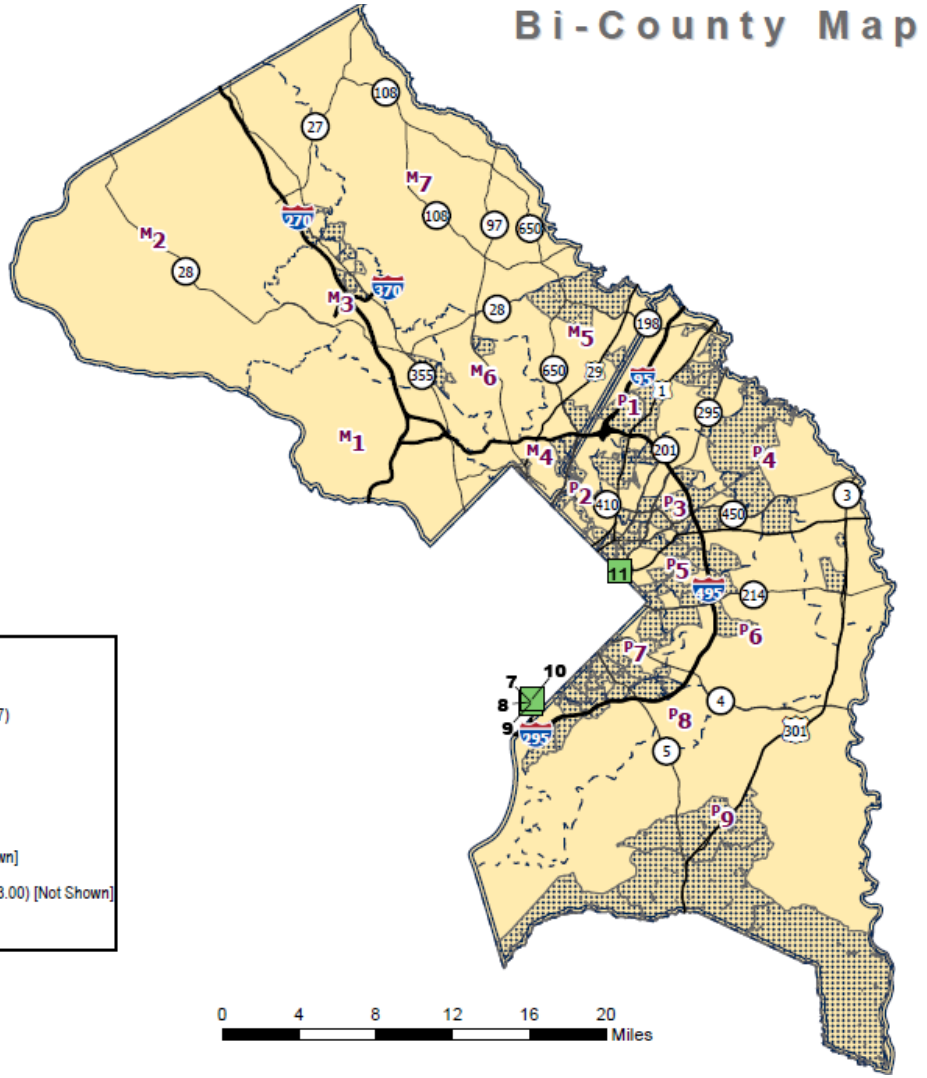
Bi-County Map

Legend

- Council Districts
- Environmental Justice areas from Nov 2023
- County Roads
- MD State Roads
- Interstate Roads
- County Boundaries
- M7 Montgomery Council Numbering
- P7 Prince George's Council Numbering

Waste Water

7	Blue Plains WWTP: Liquid Train Projects, Part 2 (S-22.06)
8	Blue Plains WWTP: Biosolids Management, Part 2 (S-22.07)
9	Blue Plains WWTP: Plant-wide Projects (S-22.09)
10	Blue Plains: Pipelines & Appurtenances (S- 22.11)
11	Anacostia #2 WWPS Upgrades (S-89.24)
12	Trunk Sewer Reconstruction Program (S-170.09) [Not Shown]
13	Land & Rights-of-Way Acquisition - Bi-County Sewer (S-203.00) [Not Shown]



Financial Summary -October 1, 2025

(All Figures in Thousands)

Bi-County Sewer Projects

CAPITAL PROJECT NUMBER	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND 26	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Wastewater Collection (Sewer and Pump Stations)												
S - 000089.24	Anacostia #2 WWPS Upgrades	$72,742	$20,121	$10,056	$42,565	$12,048	$13,832	$13,664	$3,021	$0	$0	4-7
S - 000170.09	Trunk Sewer Reconstruction Program	$231,720	$0	$43,782	$187,937	$26,446	$40,174	$32,328	$30,086	$28,239	$30,665	4-8
	CATEGORY SUBTOTAL	**$304,462**	**$20,121**	**$53,838**	**$230,502**	**$38,494**	**$54,006**	**$45,992**	**$33,107**	**$28,239**	**$30,665**	
Interjurisdictional Agreements (Blue Plains, Mattawoman)												
S - 000022.06	Blue Plains WWTP: Liquid Train Projects, Part 2	$287,208	$0	$27,075	$260,133	$29,981	$37,467	$36,501	$48,571	$44,998	$62,615	4-3
S - 000022.07	Blue Plains WWTP: Biosolids Management, Part 2	$67,770	$0	$11,567	$56,203	$7,549	$9,929	$8,911	$5,780	$13,618	$10,416	4-4
S - 000022.09	Blue Plains WWTP: Plant-wide Projects	$156,450	$0	$17,458	$138,992	$23,203	$25,126	$20,796	$24,318	$23,860	$21,689	4-5
S - 000022.11	Blue Plains: Pipelines & Appurtenances	$423,681	$0	$16,862	$406,819	$67,695	$76,925	$63,598	$74,583	$55,144	$68,874	4-6
	CATEGORY SUBTOTAL	**$935,109**	**$0**	**$72,962**	**$862,147**	**$128,428**	**$149,447**	**$129,806**	**$153,252**	**$137,620**	**$163,594**	
Mixed-use (ESP, Other Capital Programs, Land, Beltway)												
S - 000203.00	Land & Rights-of-Way Acquisition - Bi-County Sewer	$1,673	$0	$400	$1,273	$298	$195	$195	$195	$195	$195	4-9
	CATEGORY SUBTOTAL	**$1,673**	**$0**	**$400**	**$1,273**	**$298**	**$195**	**$195**	**$195**	**$195**	**$195**	4-10
	CATEGORY SUBTOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	
	Projects Pending Close-Out	$341,446	$338,033	$3,413	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$1,582,690**	**$358,154**	**$130,613**	**$1,093,922**	**$167,220**	**$203,648**	**$175,993**	**$186,554**	**$166,054**	**$194,454**	

BLUE PLAINS WASTEWATER TREATMENT PLANT PROJECTS
(COSTS IN THOUSANDS)

AGENCY NUMBER	PROJECT NAME	ADOPTED FY'26 TOTAL COST	ADOPTED FY'27 TOTAL COST	CHANGE $	CHANGE %	SIX-YEAR COST	COMPLETION DATE (est)
S-22.06	Blue Plains WWTP: Liquid Train Projects, Part 2	$27,075	$29,981	$2,906	10.7%	$260,133	On-Going
S-22.07	Blue Plains WWTP: Biosolids Management, Part 2	$11,567	$7,549	-$4,018	-34.7%	$56,203	On-Going
S-22.09	Blue Plains WWTP: Plant-wide Projects	$17,458	$23,203	$5,745	32.9%	$138,992	On-Going
S-22.11	Blue Plains: Pipelines & Appurtenances	$16,862	$67,695	$50,833	301.5%	$406,819	On-Going
	TOTALS	**$72,962**	**$128,428**	**$55,466**	**76.0%**	**$862,147**	

Summary: These four projects, with an estimated total cost of $862.1 million (FY2027-2032), provide funding for the upgrade, expansion, and enhancement of wastewater treatment and solids handling facilities at the regional Blue Plains Wastewater Treatment Plant, located in the District of Columbia. Whereas typical WSSC Water projects encompass planning, design, construction, and start-up for a single project, with defined starting and ending dates, the Blue Plains projects are comprised of many sub-projects and are "open-ended." As the Blue Plains Facility Plans move forward and new sub-projects are approved, the costs of these new sub-projects are added to the appropriate existing Blue Plains project. The expenditures displayed represent WSSC Water's calculated share. There are four main funding divisions: liquid treatment train (S-22.06); biosolids management (S-22.07); plant-wide projects (S-22.09); and pipelines & appurtenances (S-22.11).

Cost Impact: These four Blue Plains projects, which comprise one of the largest groups of expenditures in the CIP, represent 18% of the Six-Year WSSC Water combined program. The figures shown above are derived from the latest available spending projections provided by the District of Columbia Water and Sewer Authority (DCWASA). Spending at the DCWASA staff-proposed rate in future years may challenge WSSC Water's ability to stay within County-established spending affordability limits. It is, therefore, recommended that the coordination of development and approval of DCWASA's and WSSC Water's CIPs be sustained in order that the economic development and environmental objectives of the region be met, without causing a rapid increase in WSSC Water customers' bills.

Blue Plains WWTP: Liquid Train Projects, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000022.06	954811	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	458,803		27,075	256,749	29,700	36,926	35,953	47,891	44,301	61,978	174,979
Other	4,636			3,384	281	541	548	680	697	637	1,252
Total	**463,439**		**27,075**	**260,133**	**29,981**	**37,467**	**36,501**	**48,571**	**44,998**	**62,615**	**176,231**

C. Funding Schedule (000's)

WSSC Bonds	438,099		25,434	246,039	28,351	35,440	34,527	45,942	42,566	59,213	166,626
City of Rockville	25,340		1,641	14,094	1,630	2,027	1,974	2,629	2,432	3,402	9,605

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC Water's share of Blue Plains liquid process train projects for which construction began after June 30, 1993. This project is comprised of 23 projects that have been identified and prioritized by DC Water in their capital program. Projects with significant spending anticipated in FY'27 include upgrades to the grit, screening, and primary treatment systems (BQ); upgrading effluent filters (IY); secondary treatment upgrades for TN (FG); primary treatment 20-yr rebuild (I7); improvements to the headworks influent structures (BC); and grit chambers #1 & #2 upgrade (OZ). Other major projects in the six-year plan include rehab of the nitrification/sedimentation process – 20 year rebuild (LF); replace/upgrade influent screens (IZ); long-term concrete rehab (RW) and secondary E&W 20-year rebuild.

JUSTIFICATION

This is a continuation of the DC Water's upgrading of the Blue Plains Wastewater Treatment Plant.
Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); Blue Plains Facilities Master Plan (2016); DC Water's proposed FY'26 - FY'34 Capital Improvements Program.

COST CHANGE

The schedule and expenditure projections were updated to reflect the latest estimates available from DC Water for the constituent Blue Plains joint-use projects as of April 2025.

OTHER

The project scope has remained the same. Project costs are derived from the DC Water Capital Budget 10-year forecast of spending and DC Water's latest project management data, and fully reflect DC Water's cost estimates and expenditure schedules available at the time this document was prepared. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$28,736	
Total Cost	$28,736	
Impact on Water and Sewer Rate	$0.05	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'95
Date First Approved	FY'95
Initial Cost Estimate	
Cost Estimate Last FY	360,982
Present Cost Estimate	463,439
Approved Request Last FY	27,075
Total Expense & Encumbrances	
Approval Request Year 1	29,981

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	169.6 / 370 MGD

H. Map

MAP NOT APPLICABLE

Blue Plains WWTP: Biosolids Management, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000022.07	954812	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	133,165		11,567	55,330	7,510	9,876	8,791	5,589	13,398	10,166	66,268
Other	1,339			873	39	53	120	191	220	250	466
Total	**134,504**		**11,567**	**56,203**	**7,549**	**9,929**	**8,911**	**5,780**	**13,618**	**10,416**	**66,734**

C. Funding Schedule (000's)

WSSC Bonds	127,127		10,866	53,165	7,137	9,387	8,428	5,473	12,882	9,858	63,096
City of Rockville	7,377		701	3,038	412	542	483	307	736	558	3,638

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC Water's share of the Blue Plains biosolids processes for which construction began after June 30, 1993. There are 12 projects from the DC Water capital program that are covered by the WSSC Water capital project. The projects that make up the majority of the FY'27 anticipated spending include:); additional centrifuges for pre-digestion dewatering (LD); biosolids rehabilitation (RM); rehabilitate the dewatered sludge loading facility (XD); and upgrades to the solids processing building/DSLF (XZ). Starting in FY'29 are planned upgrades to the DAF facility (XY) and the dissolved air floatation thickeners 20-year upgrade.

JUSTIFICATION

This project is needed to implement, upgrade, expand and rehabilitate various facilities that provide treatment and management of the Class A biosolids program for Blue Plains. Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); EPMC IV Facility Plan, CH2MHILL (2001); Biosolids Management at DCWASA Blue Plains Wastewater Treatment Plant Phase II - Design and Cost Considerations for Treatment Alternatives Report (December 2007); Blue Plains Facilities Master Plan (2016); and DC Water's proposed FY'26 - FY'34 Capital Improvements Program.

COST CHANGE

The schedule and expenditure projections were updated to reflect the latest estimates available from DC Water for the constituent Blue Plains joint-use projects as of April 2025.

OTHER

The project scope has remained the same. Project costs are derived from the DC Water Capital Budget 10-year forecast of spending and DC Water's latest project management data, and fully reflect DC Water's cost estimates and expenditure schedules available at the time this document was prepared. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$8,522	
Total Cost	$8,522	
Impact on Water and Sewer Rate	$0.02	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'95
Date First Approved	FY'95
Initial Cost Estimate	
Cost Estimate Last FY	110,536
Present Cost Estimate	134,504
Approved Request Last FY	11,567
Total Expense & Encumbrances	
Approval Request Year 1	7,549

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	169.6 / 370 MGD

H. Map

MAP NOT APPLICABLE

Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000022.09	023805	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	177,675		17,458	137,793	23,000	24,797	20,572	24,144	23,724	21,556	22,424
Other	1,524			1,199	203	329	224	174	136	133	325
Total	**179,199**		**17,458**	**138,992**	**23,203**	**25,126**	**20,796**	**24,318**	**23,860**	**21,689**	**22,749**

C. Funding Schedule (000's)

WSSC Bonds	169,349		16,400	131,431	21,942	23,765	19,667	22,993	22,558	20,506	21,518
City of Rockville	9,850		1,058	7,561	1,261	1,361	1,129	1,325	1,302	1,183	1,231

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC Water's share of Blue Plains plant-wide projects for which construction began after June 30, 1993. There are 26 DC Water capital program projects covered by the WSSC Water capital project. Current projects with significant spending anticipated in FY'27 include electrical system upgrades (TZ); floodwall construction (JF); plant-wide program management (AL); chemical system/building upgrades (PF); and other miscellaneous projects including roof replacements (OQ) and emergency repairs and rehab (V1, V2, V3). Other projects with significant spending over the 6-yr period include electrical monitoring systems (IC); implementation of solar power at Blue Plains phase 2 (XP) and control system replacement (GW); plant-wide paving and plantwide demolition (OD and OH); hauled waste receiving facility (IT); main substation hardening (US); and truck scales upgrade (WS).

JUSTIFICATION

This is a continuation of DC Water's upgrading of the Blue Plains Wastewater Treatment Plant.
Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); Blue Plains Facilities Master Plan (2016); and DC Water's proposed FY'26-FY'34 Capital Improvements Program.

COST CHANGE

The schedule and expenditure projections were updated to reflect the latest estimates available from DC Water for the constituent Blue Plains joint-use projects as of April 2025.

OTHER

The project scope has remained the same. Project costs are derived from the DC Water Capital Budget 10-year forecast of spending and DC Water's latest project management data, and reflect DC Water's cost estimates and expenditure schedules available at the time this document was prepared. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$9,939	
Total Cost	$9,939	
Impact on Water and Sewer Rate	$0.02	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'95
Date First Approved	FY'02
Initial Cost Estimate	
Cost Estimate Last FY	124,362
Present Cost Estimate	179,199
Approved Request Last FY	17,458
Total Expense & Encumbrances	
Approval Request Year 1	23,203

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	169.6 / 370 MGD

H. Map

MAP NOT APPLICABLE

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000022.11	113804	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	695,357		16,862	403,917	67,230	76,114	62,872	74,114	54,901	68,686	274,578
Other	3,260			2,902	465	811	726	469	243	188	358
Total	**698,617**		**16,862**	**406,819**	**67,695**	**76,925**	**63,598**	**74,583**	**55,144**	**68,874**	**274,936**

C. Funding Schedule (000's)

WSSC Bonds	642,451		15,317	375,234	63,603	70,773	57,973	67,401	51,300	64,184	251,900
City of Rockville	56,166		1,545	31,585	4,092	6,152	5,625	7,182	3,844	4,690	23,036

D. Description & Justification

DESCRIPTION

This project provides funding for WSSC Water's share of Blue Plains-associated projects which are generally situated “outside the fence” of the treatment plant. There are 34 projects from the DC Water capital program under this project. Major projects in FY'27 include: rehabilitation of various portions of the Potomac Interceptor (LZ and PI); on-going construction of the Potomac River Tunnel (CZ); renovations to the central office facility (COF) and central maintenance facility (CMF) at Blue Plains (HJ and HK); rehabilitation projects on major sewers including the RCMI and Oxon Run (RC, RD and W1), and various upgrades to sewer pumping stations (RS, RT and RU). Other projects with significant spending over the 6-year period include on-going rehabilitation projects on major sewers. especially the PI and RCMI long-term upgrades to the historic Main PS (EK) and rehabilitation of influent sewers to Blue Plains (RC and RD).

JUSTIFICATION

This is a continuation of DC Water's upgrading of the Blue Plains-associated projects outside the fence.
Blue Plains Inter-Municipal Agreement of 2012; DCWASA Master Plan (1998); Technical Memorandum No. 1, Multi-Jurisdictional Use Facilities Capital Cost Allocation (June 2013); and DC Water's proposed FY'26 - FY34 Capital Improvements Program.

COST CHANGE

The schedule and expenditure projections were updated to reflect the latest estimates available from DC Water for the constituent Blue Plains joint-use projects as of April 2025.

OTHER

The project scope has remained the same. Project costs are derived from the DC Water Capital Budget 10-year forecast of spending and DC Water's latest project management data, and reflect DC Water's cost estimates and expenditure schedules available at the time this document was prepared. Given the open-ended nature of the Blue Plains projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Blue Plains facility plans, the associated costs will be added to this project. The funding schedule also indicates the calculated Rockville share of the cost, which varies by project based on the City's relative share of WSSC Water's flow as derived in the Multi-Jurisdiction Use Facilities Study.

COORDINATION

Coordinating Agencies: City of Rockville;(responsible for a share of funding); DC Water;(responsible for design and construction)
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$18,954	
Total Cost	$18,954	
Impact on Water and Sewer Rate	$0.04	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'11
Date First Approved	FY'02
Initial Cost Estimate	
Cost Estimate Last FY	254,570
Present Cost Estimate	698,617
Approved Request Last FY	16,862
Total Expense & Encumbrances	
Approval Request Year 1	67,695

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	45%
Environmental Regulation	55%
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Anacostia #2 WWPS Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000089.24	382204	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Lower Anacostia 9
Planning Areas	Landover & Vicinity PA 72

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	10,354	4,465	1,576	4,313	1,184	1,442	1,364	323			
Land											
Construction	60,421	15,656	8,001	36,764	10,291	12,037	11,854	2,582			
Other	1,967		479	1,488	573	353	446	116			
Total	**72,742**	**20,121**	**10,056**	**42,565**	**12,048**	**13,832**	**13,664**	**3,021**			

C. Funding Schedule (000's)

WSSC Bonds	51,866	11,949	5,912	34,005	8,215	10,593	12,426	2,771			
SDC	15,359	6,758	3,480	5,121	3,126	1,995					
DC Water Contribution	5,517	1,414	664	3,439	707	1,244	1,238	250			

D. Description & Justification

DESCRIPTION

This project provides for the replacement of transformers, switch gear, and MCC-A with redesign of 13.8kv switch gear in two IPA enclosures and 4.16KV switch gear in one IPA enclosure at the Anacostia #2 Wastewater Pump Station (WWPS). The Anacostia #2 WWPS is WSSC Water's largest and most critical WWPS with an average flow of 50 to 60 MGD, and storm peaks up to 260 MGD instantaneous flow. This WWPS receives wastewater from a large portion of WSSC Water's service area and delivers it to the Blue Plains Advanced Wastewater Treatment Plant in Washington, DC. Secondly, this project involves replacement of five existing bar screens and associated electrical upgrades and implementing NFPA 820 requirements for the pump station. Thirdly, the coarse screening of Beaver Dam S.A. flows will be evaluated and rehabilitated. Fourthly, this project includes replacement of the pump station's roof.

JUSTIFICATION

The majority of the electrical equipment, excluding all 4.16kV MCCs and the unit substation, were installed with the original construction in the late 1970s and is beyond its useful life. In addition, several equipment parts are becoming increasingly difficult to find since the equipment is obsolete. Failure of any of the above critical components could cause serious issues in providing reliable power to the pump station. This replacement, rehabilitation, and upgrade work was recommended by various business case evaluations undertaken as part of WSSC Water's Asset Management Program.

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of construction bids, preliminary design and planning level estimates and are expected to change based upon site conditions and design constraints. DC Water will contribute a share of the electrical upgrades and bar screens project costs, which is indicated on the funding schedule shown in Block C above.

COORDINATION

Coordinating Agencies: DC Water;(responsible for a share of funding); Maryland Department of the Environment; Potomac Electric Power Company
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$3,184	31
Total Cost	$3,184	31
Impact on Water and Sewer Rate	$0.01	31

F. Approval and Expenditure Data (000's)

Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	31,298
Cost Estimate Last FY	84,700
Present Cost Estimate	72,742
Approved Request Last FY	31,069
Total Expense & Encumbrances	20,121
Approval Request Year 1	12,048

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	90 %
Estimated Completion Date	December 2029

Growth	21%
System Improvement	79%
Environmental Regulation	
Population Served	
Capacity	199 MGD

H. Map

MAP NOT APPLICABLE

Trunk Sewer Reconstruction Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000170.09	113805	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	39,839		8,196	31,643	5,106	6,064	5,819	5,914	4,313	4,427	
Land											
Construction	161,660		29,876	131,784	17,890	28,871	22,293	20,249	20,242	22,239	
Other	30,220		5,710	24,510	3,450	5,239	4,216	3,923	3,684	3,999	
Total	**231,719**		**43,782**	**187,937**	**26,446**	**40,174**	**32,328**	**30,086**	**28,239**	**30,665**	

C. Funding Schedule (000's)

WSSC Bonds	167,551		23,782	143,769	1,258	21,194	32,328	30,086	28,239	30,665	
State Aid	64,168		20,000	44,168	25,188	18,980					

D. Description & Justification

DESCRIPTION

The Trunk Sewer Reconstruction Program provides for the inspection, evaluation, planning, design, and construction required for the rehabilitation of sewer mains and their associated manholes in environmentally sensitive areas (ESAs). This includes both trunk sewers 15-inches in diameter and greater, along with associated smaller diameter pipe less than 15-inches in diameter. The smaller diameter pipe is included due to its location within the ESA. The program also includes planning, design, and construction for the prioritized replacement of force mains and aerial sewers.

JUSTIFICATION

Under the terms of the Consent Decree the WSSC Trunk Sewer Inspection Program inspected all required sewers in 21 basins by December 2010 and completed Sewer System Evaluation Surveys (SSES) for 9 basins. WSSC Water shall conduct rainfall, groundwater, and flow monitoring to determine Inflow/Infiltration (I/I) rates and identify areas of limited capacity through collection system modeling. Where appropriate, WSSC Water shall use additional means to identify sources of I/I, including CCTV, smoke, and/or dye testing. All the Trunk Sewer Inspections, SSES work, and other related collection system evaluations are complete. Due to the delay in receiving permits, as well as Right-of-Entry permissions and subcontractor availability, trunk sewer reconstruction work has been delayed. All USACE and MDE permits have been received. WSSC Sanitary Sewer Overflow Consent Decree (December 7, 2005). Second Amendment to WSSC Sanitary Sewer Overflow Consent Decree (December 4, 2015).

COST CHANGE

Program costs reflect the latest schedule and expenditure estimates based upon the recommendations from the Buried Wastewater Assets System Asset Management Plan.

OTHER

The project scope has remained the same. Reconstruction work will include: reduction of I/I; replacement of substandard sewer segments; in situ lining of sewer segments; pipeline and manhole protection; rebuilding of manholes; and correction of structural defects and poor alignment. The reconstruction work in each sewer basin will be prioritized to most effectively prevent SSOs and backups. A Second Amendment to the Consent Decree extending WSSC Water's deadline to FY'22 was agreed to by the U.S. Environmental Protection Agency, U.S. Department of Justice, and Maryland Department of the Environment and was entered by the U.S. District Court. All construction contracts for ESA work have been awarded and the approved amounts have been utilized in the current budget projections. As actual construction progresses the projections may be updated. Most of the upfront costs are associated with the construction of access roads and by-pass pumping. After completion of a majority of the Priority 1 construction activities associated with the Consent Decree, Phase 2 work (Priority 2 & 3 plus any newly identified Priority 1) is programmed at roughly eight miles per year beginning in FY'25. Future land costs are included in project S-203.00.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland Historical Trust; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Montgomery County Department of Public Works and Transportation; National Park Service; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Army Corps of Engineers; U.S. Environmental Protection Agency, Region III
Coordinating Projects: S - 000001.01 - Sewer Reconstruction Program; S - 000001.02 - High Inflow and Infiltration Basin Rehabilitation

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$10,286	
Total Cost	$10,286	
Impact on Water and Sewer Rate	$0.02	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'11
Date First Approved	FY'11
Initial Cost Estimate	
Cost Estimate Last FY	231,909
Present Cost Estimate	231,719
Approved Request Last FY	41,879
Total Expense & Encumbrances	
Approval Request Year 1	26,446

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Land & Rights-of-Way Acquisition - Bi-County Sewer

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000203.00	163800	Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land	1,673		400	1,273	298	195	195	195	195	195	
Construction											
Other											
Total	**1,673**		**400**	**1,273**	**298**	**195**	**195**	**195**	**195**	**195**	

C. Funding Schedule (000's)

WSSC Bonds	1,613		400	1,213	238	195	195	195	195	195	
SDC	60			60	60						

D. Description & Justification

DESCRIPTION

This project provides a consolidated estimate of funding for the acquisition of land and rights-of-way for sewer projects and programs. Expenditures are programmed based upon anticipated schedules and are required for the completion of those specific projects. These costs do not include purchases which have already been completed.

JUSTIFICATION

Consolidation of expenditures for land and rights-of-way acquisitions provides flexibility in expending funds in a specific fiscal year and permits WSSC Water to respond to the uncertainty of project-specific implementation schedules. Other considerations include the accommodation of unpredictable delays which impact the timing of a planned purchase, unanticipated rights-of-way requirements due to minor alignment changes identified late in the design phase, and the need to assure WSSC Water an equitable negotiation position by avoiding project-specific cost displays prior to contacting property owners.

Acquisition needs are determined by WSSC Water and are based upon facility planning efforts, alignment studies, field surveys, realignments required by other agencies, or requirements identified within the Development Services Process.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are estimates only and may change based upon actual negotiations. When purchases are complete, the actual cost will be displayed in the expenditure schedule on the appropriate project.

COORDINATION

Coordinating Agencies: Not Applicable
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$99	
Total Cost	$99	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'98
Date First Approved	FY'98
Initial Cost Estimate	
Cost Estimate Last FY	2,165
Present Cost Estimate	1,673
Approved Request Last FY	595
Total Expense & Encumbrances	
Approval Request Year 1	298

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	Not Applicable

Growth	10%
System Improvement	90%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

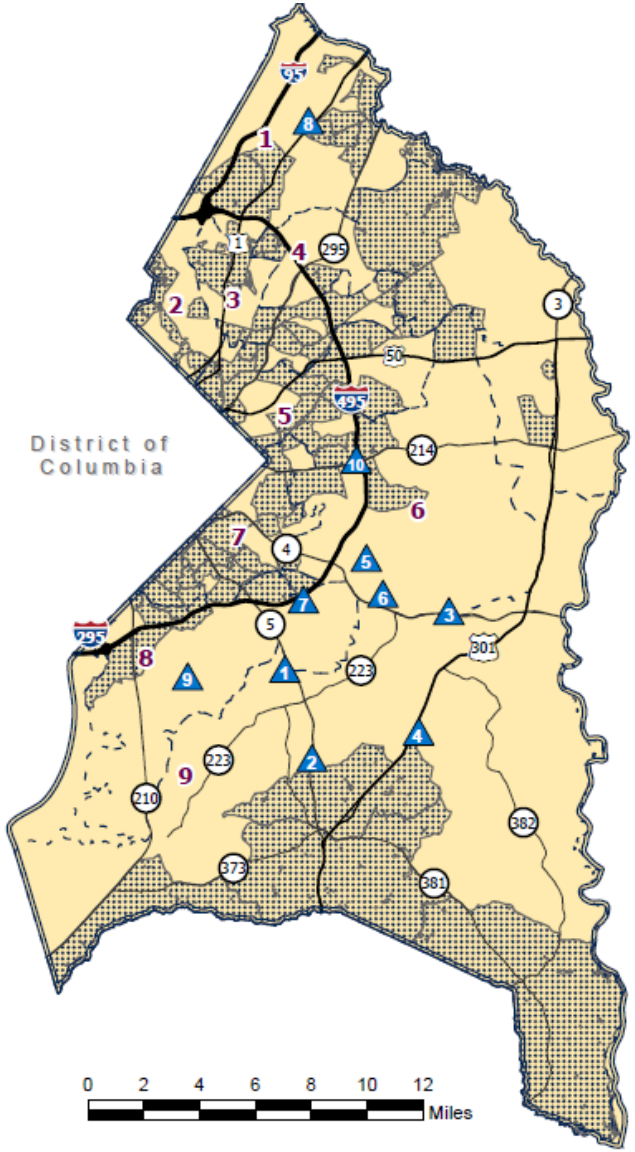
WSSC WATER FYs 2027 - 2032 COMBINED PROGRAM

PENDING CLOSE-OUT PROJECT LISTING

(ALL FIGURES IN THOUSANDS)

AGENCY NUMBER	PROJECT NAME	ESTIMATED TOTAL COST	EXPENDITURES THRU FY 25	ESTIMATED. EXPENDITURES FY 26	REMARKS
Bi-County Sewer Projects					
S - 000103.02	Piscataway Bioenergy	341,446	338,033	3,413	
	TOTALS	341,446	338,033	3,413	

Section 5 - Prince George's County Water Projects



PRINCE GEORGE'S COUNTY

Legend

- Council Districts
- Environmental Justice areas from Nov 2023
- County Roads
- MD State Roads
- Interstate Roads
- County Boundaries
- 7 Council Numbering

Water

1. Old Branch Ave Water Main (W-34.02)
2. Branch Ave Water Transmission Improvements (W-34.04)
3. Marlboro Zone Reinforcement Main (W-34.05)
4. Rosaryville Water Storage Facility (W-62.06)
5. Smith Home Farms Water Main (W-84.03)
6. Westphalia Town Center Water Main (W-84.04)
7. Prince George's County 450A Zone Water Main (W-84.05)
8. Konterra Town Center East Water Main (W-93.01)
9. South Potomac Supply Improvement Phase 2 (W-137.03)
10. Central Ave Water Pumping Station Electrical Equipment and Switchyard Replacement (W-31.06)

Financial Summary -October 1, 2025
(All Figures in Thousands)
PRINCE GEORGE'S COUNTY WATER PROJECTS

CAPITAL PROJECT	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Water Treatment and Storage (WFPs, Reservoirs, Water Tanks)												
W - 000062.06	Rosaryville Water Storage Facility	$0			$0	$0	$0	$0	$0	$0	$0	5-7
	CATEGORY SUBTOTAL	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**	
Water Distribution (Water Mains and Pump Stations)												
	Central Ave Water Pumping Station Electrical											
W - 000031.06	Equipment and Switchyard Replacement	$17,883	$0	$1,650	$16,233	$5,500	$6,386	$4,347	$0	$0	$0	5-3
W - 000034.02	Old Branch Avenue Water Main	$34,705	$29,597	$5,102	$6	$6	$0	$0	$0	$0	$0	5-4
	Branch Avenue Water Transmission	$51,615	$28,654	$18,942	$4,019	$4,019	$0	$0	$0	$0	$0	5-5
W - 000034.04	Improvements											
W - 000034.05	Marlboro Zone Reinforcement Main	$5,650	$4,124	$1,284	$242	$242	$0	$0	$0	$0	$0	5-6
W - 000084.03	Smith Home Farms Water Main	$686	$662	$12	$12	$12	$0	$0	$0	$0	$0	5-8
W - 000084.04	Westphalia Town Center Water Main	$2,572	$401	$1,127	$1,044	$480	$280	$241	$43	$0	$0	5-9
W - 000084.05	Prince George's County 450A Zone Water Main	$52,691	$3,549	$1,064	$48,078	$9,513	$12,663	$10,569	$8,458	$6,875	$0	5-10
W - 000093.01	Konterra Town Center East Water Main	$2,150	$308	$1,424	$418	$259	$0	$0	$0	$74	$85	5-11
W - 000137.03	South Potomac Supply Improvement, Phase 2	$57,499	$2,791	$158	$54,550	$788	$11,288	$10,658	$10,658	$10,605	$10,553	5-12
	CATEGORY SUBTOTAL	**$225,451**	**$70,086**	**$30,763**	**$124,602**	**$20,819**	**$30,617**	**$25,815**	**$19,159**	**$17,554**	**$10,638**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$225,451**	**$70,086**	**$30,763**	**$124,602**	**$20,819**	**$30,617**	**$25,815**	**$19,159**	**$17,554**	**$10,638**	

WSSC Water FYs 2027 - 2032 Combined Program
New Project Listing
(All figures in thousands)

County	Project Type	Agency Number	Project Name	Total Project Cost	6-year Project Cost	Budget Project Cost	Page Number
Prince George's	Water	W - 000031.06	Central Avenue Water Pumping Station Electrical Equipment and Switchyard Replacement	17,883	16,233	5,500	5-3
-	-	-	**Totals:**	17,883	16,233	5,500	-

Central Ave Water Pumping Station Electrical Equipment and Switchyard Replacement

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000031.06		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Central Avenue
Drainage Basins	
Planning Areas	Prince George's County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,752		1,500	1,252	700	324	228				
Land											
Construction	13,505			13,505	4,300	5,481	3,724				
Other	1,626		150	1,476	500	581	395				
Total	**17,883**		**1,650**	**16,233**	**5,500**	**6,386**	**4,347**				

C. Funding Schedule (000's)

WSSC Bonds	17,883		1,650	16,233	5,500	6,386	4,347				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design and construction of the replacement of the electrical equipment and switchyard at the Central Avenue Water Pumping Station. The upgrades will replace the 69kv which steps down to 4160V power transformers, the metering transformers, the 69kv oil circuit breakers and protective relays, and the overhead air switches. At the pump station this includes the transformers, switchgear/MCC, and various panels.

JUSTIFICATION

The Central Avenue WPS switchyard and pump station equipment was installed in 1975 and is at the end of its useful life. This project is needed due to age and criticality of the pump station within the water distribution system.

COST CHANGE

Not applicable.

OTHER

The present project scope was developed for the FY'27 CIP and has an estimated total cost of $ 17,883,000

COORDINATION

Coordinating Agencies: Potomac Electric Power Company
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$1,098	30
Total Cost	$1,098	30
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY27
Date First Approved	FY27
Initial Cost Estimate	17,883
Cost Estimate Last FY	
Present Cost Estimate	17,883
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	5,500

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	June 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Old Branch Avenue Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000034.02		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Clinton HG385B
Drainage Basins	
Planning Areas	Clinton & Vicinity PA 81A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,936	1,925	11								
Land	268	268									
Construction	32,036	27,404	4,627	5	5						
Other	465		464	1	1						
Total	**34,705**	**29,597**	**5,102**	**6**	**6**						

C. Funding Schedule (000's)

WSSC Bonds	17,353	14,799	2,551	3	3						
SDC	17,353	14,799	2,551	3	3						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 16,000 feet of 30-inch diameter water main and a new flow control valve along Old Branch Avenue, from Allentown Road to Piscataway Road.

JUSTIFICATION

This project will provide redundancy to a large area of Prince George's County, including the 85,000 customers in Clinton Pressure Zone HG385B and dependent zones. Service to these zones would be severely disrupted with the loss of the Marlboro Road Pressure Reducing Valves or associated piping. WSSC Water attempts to provide for average day demands in the event of the loss of any one water system facility and this project will meet that goal for Clinton Pressure Zone HG385B and dependent zones.

General Plan; M-NCP&PC Round 7.0 growth forecasts; WSSC Memorandum dated May 16, 2006.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are actual bids and may change based upon site conditions and design revisions. Five properties have been acquired.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: W - 000062.06 - Rosaryville Water Storage Facility; W - 000084.05 - Prince George's County 450A Zone Water Main; W - 000137.03 - South Potomac Supply Improvement, Phase 2

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$742	26
Debt Service	$1,065	26
Total Cost	$1,807	26
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

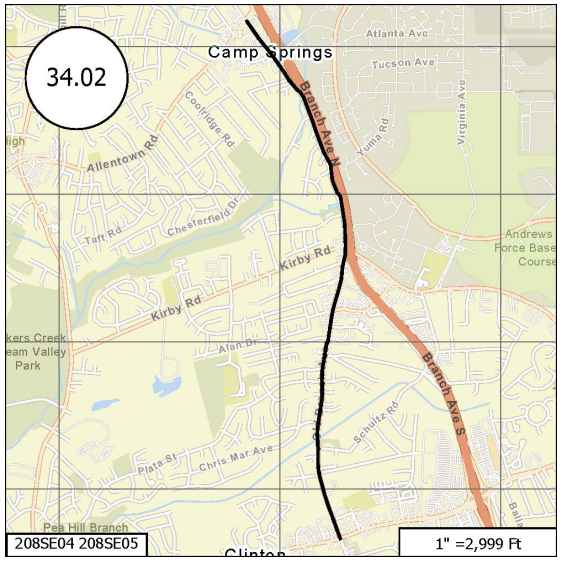
Date First in Program	FY'08
Date First Approved	FY'08
Initial Cost Estimate	10,350
Cost Estimate Last FY	34,664
Present Cost Estimate	34,705
Approved Request Last FY	10
Total Expense & Encumbrances	29,597
Approval Request Year 1	6

G. Status Information

Land Status	Land and R/W Acquired
Project Phase	Construction
Percent Complete	95 %
Estimated Completion Date	June 2025

Growth	50%
System Improvement	50%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Branch Avenue Water Transmission Improvements

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000034.04		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Clinton HG385B
Drainage Basins	
Planning Areas	Clinton & Vicinity PA 81A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	3,779	3,735	40	4	4						
Land	244	244									
Construction	46,498	24,675	18,000	3,823	3,823						
Other	1,094		902	192	192						
Total	**51,615**	**28,654**	**18,942**	**4,019**	**4,019**						

C. Funding Schedule (000's)

SDC	47,781	28,260	16,105	3,416	3,416						
Charles County Government	3,834	394	2,837	603	603						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 18,121 feet of 42-inch diameter, 2,600 feet of 36-inch diameter, and 5,590 feet of 30-inch diameter water transmission mains along Branch Avenue, Brandywine Road, and Surratts Road in the Clinton area.

JUSTIFICATION

The new water main will serve as a primary feed to the new Brandywine (formerly Clinton South) Tank.
Clinton Zone WSF & Transmission Improvements Modeling and Master Plan Report, Gannett Fleming, Inc. (February 2012); Addendum No. 1 to the 1987 Water Supply Agreement (June 2022).

COST CHANGE

The expenditure projections were revised based upon updated construction schedule.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of construction costs and design level estimates and may change based upon site conditions and design constraints. This project is split into four phases. The first phase is comprised of approximately 1,200 feet of 42-inch pipe along Surratts Road and has been constructed by Prince George's County as part of the County Surratts/Brandywine road widening project. The second phase is approximately 3,300 feet of 30-inch main along Branch Avenue and has been constructed by the Maryland State Highway Administration (SHA) under the SHA MD5/Brandywine interchange improvement project. The third phase was to construct approximately 12,400 feet of 42-inch pipe and 2,320 feet of 30-inch pipe along Branch Avenue and the construction was completed in Fall 2019 by a WSSC Water contractor. The last phase is to construct the approximately 6,900 feet of remaining pipe along Brandywine Road and Surratts Road to tie-in to the existing 30-inch pipe on Woodyard/Piscataway Road. Replacing approximately 3,000 feet of existing 16-inch PCCP pipe will also be included under this contract. Phase IV (BL5273F11) will also be bid and constructed by WSSC Water. The phase and completion percentage have been updated to reflect the status of Phase IV instead of all the phases. Charles County will contribute a share of the project costs, as indicated on the funding schedule shown in Block C above, in accordance with Addendum No. 1 to the 1987 Water Supply Agreement between WSSC Water and Charles County. No WSSC Water rate supported debt will be used for this project. No additional land costs are anticipated at this time.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission;(Mandatory Referral Process); Prince George's County Department of Public Works and Transportation; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Army Corps of Engineers
Coordinating Projects: W - 000062.06 - Rosaryville Water Storage Facility

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$1,221	28
Debt Service		
Total Cost	$1,221	28
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

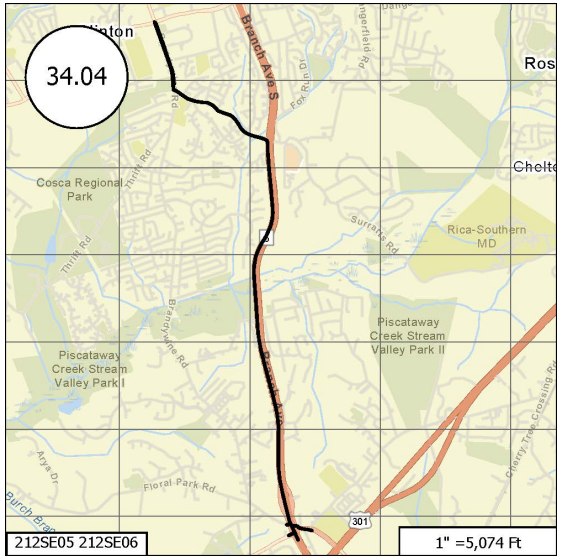
Date First in Program	FY'14
Date First Approved	FY'14
Initial Cost Estimate	23,705
Cost Estimate Last FY	59,690
Present Cost Estimate	51,615
Approved Request Last FY	13,706
Total Expense & Encumbrances	28,654
Approval Request Year 1	4,019

G. Status Information

Land Status	Land and R/W Acquired
Project Phase	Construction
Percent Complete	20 %
Estimated Completion Date	December 2026

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Marlboro Zone Reinforcement Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000034.05		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Clinton HG385B
Drainage Basins	
Planning Areas	Clinton & Vicinity PA 81A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	517	505	7	5	5						
Land	3	3									
Construction	4,930	3,616	1,109	205	205						
Other	200		168	32	32						
Total	**5,650**	**4,124**	**1,284**	**242**	**242**						

C. Funding Schedule (000's)

WSSC Bonds	5,650	4,124	1,284	242	242						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 4,000 feet of 16-inch diameter water transmission main and a flow control valve along Old Marlboro Pike in the Clinton area.

JUSTIFICATION

This new water main will provide system reliability and redundancy by connecting the 385B and 280A pressure zones. Clinton Zone WSF & Transmission Improvements Modeling and Master Plan Report, Gannett Fleming, Inc. (February 2012).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are design level estimates and may change based upon site conditions and design constraints.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission;(Mandatory Referral Process); Prince George's County Department of Environmental Resources; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: W - 000062.06 - Rosaryville Water Storage Facility

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$186	27
Debt Service	$347	27
Total Cost	$533	27
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

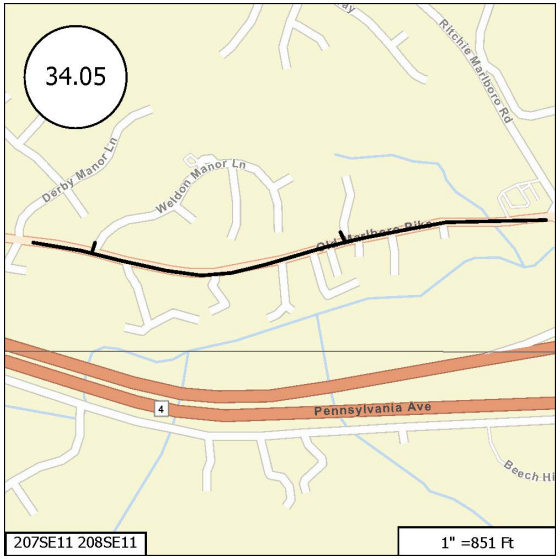
Date First in Program	FY'14
Date First Approved	FY'14
Initial Cost Estimate	5,234
Cost Estimate Last FY	4,511
Present Cost Estimate	5,650
Approved Request Last FY	35
Total Expense & Encumbrances	4,124
Approval Request Year 1	242

G. Status Information

Land Status	R/W acquired
Project Phase	Construction
Percent Complete	95 %
Estimated Completion Date	June 2026

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Rosaryville Water Storage Facility

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000062.06		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Southern 385B
Drainage Basins	
Planning Areas	Rosaryville PA 82A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,000										1,000
Land											
Construction	8,350										8,350
Other	1,400										1,400
Total	**10,750**										**10,750**

C. Funding Schedule (000's)

SDC	10,750										10,750

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of approximately 2.0 million gallons (MG) of water storage to serve the Rosaryville area in the Clinton Pressure Zone.

JUSTIFICATION

Clinton Pressure Zone HG385B serves a large and growing area of Southern Prince George's County. Since storage facilities must be periodically removed from service for maintenance, having only one in a large zone creates operational problems. The Modeling and Master Plan Report indicates that there will be approximately 4.0 MG of storage deficit in Clinton Pressure Zone HG385B. WSSC Memorandum dated May 9, 2005, from Timothy Hirrel, Unit Coordinator, to Craig Fricke, Planning Group Leader; 2006 Water Production Projections; 2005 Water Storage Volume Criteria; Clinton Zone WSF & Transmission Improvements Modeling and Master Plan Report, Gannett Fleming, Inc. (February 2012); Finished Water Storage Analysis Report (June 2013).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are planning level estimates and are expected to change based upon site conditions and design constraints. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Department of Environmental Resources; Prince George's County Government
Coordinating Projects: W - 000034.02 - Old Branch Avenue Water Main; W - 000034.04 - Branch Avenue Water Transmission Improvements; W - 000034.05 - Marlboro Zone Reinforcement Main

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

F. Approval and Expenditure Data (000's)

Date First in Program	FY'21
Date First Approved	FY'13
Initial Cost Estimate	8,510
Cost Estimate Last FY	10,490
Present Cost Estimate	10,750
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	TBD

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	2.0 MG

H. Map

Smith Home Farms Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000084.03		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Southern 385B
Drainage Basins	
Planning Areas	Westphalia & Vicinity PA 78

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	680	660	10	10	10						
Land											
Construction	2	2									
Other	4		2	2	2						
Total	**686**	**662**	**12**	**12**	**12**						

C. Funding Schedule (000's)

Contributions/Other	686	662	12	12	12						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 4,310 feet of 16-inch diameter water main to serve the Smith Home Farms Subdivision.

JUSTIFICATION

Smith Home Farm Subdivision Hydraulic Planning Analysis (Amended March 2022).

COST CHANGE

Not applicable.

OTHER

The project scope has changed. 100% of the project is completed. The System Development Charge (SDC) Credit Audits are not completed, so the costs shown are for supervision of the SDC Audits until they are closed out.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission;(Westphalia Sector Plan); Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$353	
Debt Service		
Total Cost	$353	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

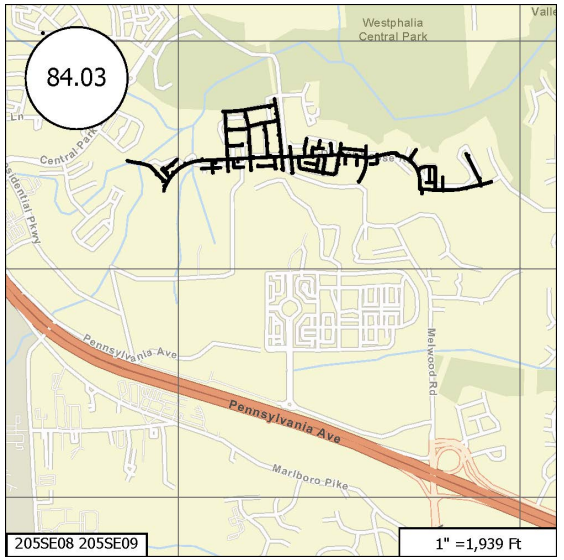
Date First in Program	FY'08
Date First Approved	FY'08
Initial Cost Estimate	1,600
Cost Estimate Last FY	2,461
Present Cost Estimate	686
Approved Request Last FY	454
Total Expense & Encumbrances	662
Approval Request Year 1	12

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	100 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Westphalia Town Center Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000084.04		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Clinton HG385B
Drainage Basins	
Planning Areas	Westphalia & Vicinity PA 78

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	379	148	80	151	63	47	34	7			
Land											
Construction	1,908	253	900	755	354	196	175	30			
Other	285		147	138	63	37	32	6			
Total	**2,572**	**401**	**1,127**	**1,044**	**480**	**280**	**241**	**43**			

C. Funding Schedule (000's)

Contributions/Other	2,572	401	1,127	1,044	480	280	241	43			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 4,700 feet of 16-inch diameter water main to serve Westphalia Town Center and vicinity.

JUSTIFICATION

Westphalia Town Center Hydraulic Planning Analysis (June 2009).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon the information provided by the developer. The expenditure projections for this year's update are based upon 2.5% inflation factor applied to the last year's projections. Design and construction will be performed by the developer under a System Extension Permit. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$218	
Debt Service		
Total Cost	$218	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

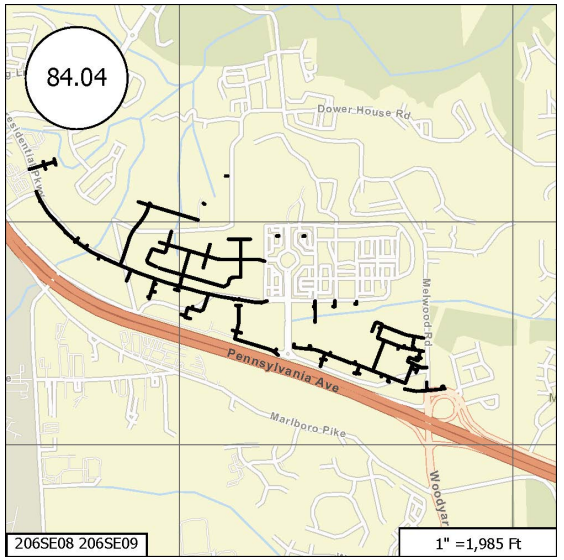
Date First in Program	FY'14
Date First Approved	FY'14
Initial Cost Estimate	1,396
Cost Estimate Last FY	2,474
Present Cost Estimate	2,572
Approved Request Last FY	495
Total Expense & Encumbrances	401
Approval Request Year 1	480

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	70 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Prince George's County 450A Zone Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000084.05		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Prince George's High HG450A
Drainage Basins	
Planning Areas	Prince George's County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	3,591	3,291	13	287	60	60	65	55	47		
Land	258	258									
Construction	46,501	1	1,000	45,500	9,000	12,000	10,000	8,000	6,500		
Other	2,342		51	2,291	453	603	504	403	328		
Total	**52,692**	**3,550**	**1,064**	**48,078**	**9,513**	**12,663**	**10,569**	**8,458**	**6,875**		

C. Funding Schedule (000's)

WSSC Bonds	52,692	3,550	1,064	48,078	9,513	12,663	10,569	8,458	6,875		

D. Description & Justification

DESCRIPTION

This project provides for a capacity and alignment study, design, and construction of approximately 3.5 miles of new 48-inch diameter redundant transmission main for Prince George's High Pressure Zone HG450A. Portions of the transmission main that currently serve the HG450A and HG290B Pressure Zones will be out of service almost every year to meet the goals of the PCCP inspection program. A redundant transmission main is required to continue to provide service to our customers while the existing transmission main is planned to be out of service and to provide service in case the existing main fails.

BENEFIT

System Reliability: This project will improve service reliability through fewer and shorter service interruptions; System Capacity: This project will enhance existing infrastructure by building additional capacity in order to meet existing and/or future demand

JUSTIFICATION

When portions of the existing main are out of service, the remaining mains lack sufficient capacity and pumping against these restrictions can cause high pressure that may result in pipe failure. The new transmission main may parallel or replace existing mains as determined by modeling. The new main should be a minimum of 30-inch diameter and will start where the existing 54-inch diameter main inside the beltway connects to an existing 30-inch diameter main just north of Pennsylvania Avenue and tie in to the new 30-inch diameter main to be constructed under project W-34.02.

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are preliminary design level estimates and are expected to change based upon site conditions and design constraints. An alignment and capacity study has been performed and final alignment and pipeline diameter has been selected. Northern alignment change required due SHA permitting requirements change. This design change also required the relocation of an existing PRV (May 2021). Future land costs are included in project W-202.00.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Historical Trust; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission;(Mandatory Referral Process); National Park Service; Prince George's County Department of Public Works and Transportation; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Army Corps of Engineers;Joint Base Andrews military base; Washington Metropolitan Area Transit Authority
Coordinating Projects: W - 000034.02 - Old Branch Avenue Water Main; W - 000137.03 - South Potomac Supply Improvement, Phase 2

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$915	31
Debt Service	$3,235	31
Total Cost	$4,150	31
Impact on Water and Sewer Rate	$0.01	31

F. Approval and Expenditure Data (000's)

Date First in Program	FY'13
Date First Approved	FY'13
Initial Cost Estimate	374
Cost Estimate Last FY	49,873
Present Cost Estimate	52,692
Approved Request Last FY	4,998
Total Expense & Encumbrances	3,550
Approval Request Year 1	9,513

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Design
Percent Complete	90 %
Estimated Completion Date	July 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

Konterra Town Center East Water Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000093.01		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Prince George's 415A
Drainage Basins	
Planning Areas	Northwestern Area PA 60

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	686	100	248	73	45				13	15	265
Land											
Construction	2,548	208	990	290	180				51	59	1,060
Other	440		186	55	34				10	11	199
Total	**3,674**	**308**	**1,424**	**418**	**259**				**74**	**85**	**1,524**

C. Funding Schedule (000's)

SDC	3,674	308	1,424	418	259				74	85	1,524

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 9,200 feet of 16-inch diameter water main to serve Konterra Town Center East, located in the area bounded by Interstate 95, the Intercounty Connector, and Konterra Drive. The sleeve for the water main crossing the Intercounty Connector was built under project S-28.18.

JUSTIFICATION

Letter of Findings DA4623Z07 (June 2009). LOF 1st Amendment (August 2013). LOF 2nd Amendment (October 2018). LOF 3rd Amendment (January 2023).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. Design and construction will be performed by the developer under a Systems Extension Permit. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Prince George's County Government
Coordinating Projects: S - 000028.18 - Konterra Town Center East Sewer

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$427	
Debt Service		
Total Cost	$427	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

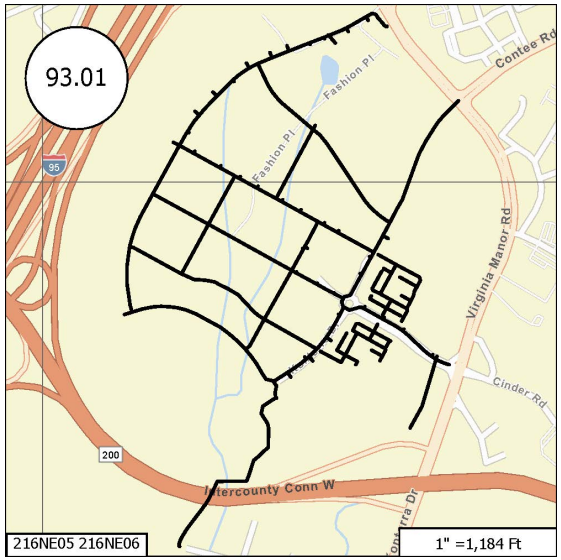
Date First in Program	FY'09
Date First Approved	FY'09
Initial Cost Estimate	610
Cost Estimate Last FY	3,022
Present Cost Estimate	3,674
Approved Request Last FY	1,066
Total Expense & Encumbrances	308
Approval Request Year 1	259

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	5 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



South Potomac Supply Improvement, Phase 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000137.03		Change

PDF Date	October 1, 2025
Date Revised	April 23, 2025

Pressure Zones	Potomac 290B; Prince George's High HG450A; Rosecroft
Drainage Basins	
Planning Areas	Henson Creek PA 76B

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	4,891	2,791	150	1,950	750	750	150	150	100	50	
Land											
Construction	50,000			50,000		10,000	10,000	10,000	10,000	10,000	
Other	2,608		8	2,600	38	538	508	508	505	503	
Total	**57,499**	**2,791**	**158**	**54,550**	**788**	**11,288**	**10,658**	**10,658**	**10,605**	**10,553**	

C. Funding Schedule (000's)

WSSC Bonds	37,942	1,837	104	36,001	520	7,450	7,034	7,034	6,999	6,964	
SDC	19,557	954	54	18,549	268	3,838	3,624	3,624	3,606	3,589	

D. Description & Justification

DESCRIPTION

This project provides for the design and construction of 4.4 miles of 42-inch diameter ductile iron transmission main, 6.0 miles of distribution mains (diameters ranging from 10 to 16-inches), and a new flow control valve and vault. The project will replace 3.5 miles of existing 42-inch diameter PCCP transmission main located within the Henson Creek corridor and will replace parallel aged distribution infrastructure located along the project limits.

JUSTIFICATION

During design of the 42-inch PCCP transmission main replacement under CIP W-137.02, South Potomac Supply Improvement, Phase 1, WSSC Water and the Maryland Department of the Environment discussed extensive requirements for stream restoration of Henson Creek. At that time, WSSC Water staff identified up to 3.5 miles of pipe south of the project area that is exposed along eroding stretches of Henson Creek. An alignment study began under CIP W-137.03, South Potomac Supply Improvement, Phase 2, to evaluate possible relocation of the existing 42-inch PCCP main between Rosecroft Drive and Piscataway Highway. The 3.5 miles of PCCP main will be relocated out of Henson Creek and into a roadway alignment between Temple Hill Road and Piscataway Highway, for a total of 4.4 miles of new 42-inch ductile iron pipe. The transmission main will be relocated out of the 290B pressure zone and into the 450A pressure zone. Phase 2 includes the installation of a flow control valve between pressure zones 450A and 290B.

Concept Finalization Report, O'Brien & Gere Engineers Inc. (January 2014); Alignment Study - Final: Henson Creek 42-Inch Water Main Replacement, O'Brien & Gere Engineers Inc. (April 2017).

COST CHANGE

Design and construction costs have been updated based on a high-level estimate. The project design is on hold therefore no activities were performed during this update period. The design re-start is anticipated by FY 2028.

OTHER

The project scope has remained the same. It will be re-evaluated once the design restarts. The project design is on hold; solicitation package preparation for design task is estimated to start by FY 2026.

Based on previous design work completed prior to the project being put on hold: The Phase 1 alignment study was completed in April 2017. Notice to Proceed for Phase 2 (Design) was issued in February 2018. The schedule and expenditure projections for Phase 2 are preliminary design estimates and are expected to change based upon design constraints, site-specific conditions, and stream restoration requirements for Henson Creek. Future land costs are included in project W-202.00.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Army Corps of Engineers; Washington Gas Light Company
Coordinating Projects: W - 000034.02 - Old Branch Avenue Water Main; W - 000084.05 - Prince George's County 450A Zone Water Main

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$1,690	33
Debt Service	$2,329	33
Total Cost	$4,019	33
Impact on Water and Sewer Rate	$0.01	33

F. Approval and Expenditure Data (000's)

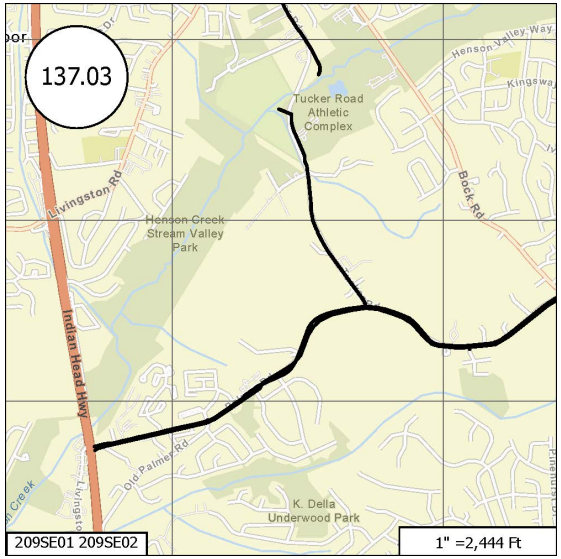
Date First in Program	FY'18
Date First Approved	FY'07
Initial Cost Estimate	53,374
Cost Estimate Last FY	57,499
Present Cost Estimate	57,499
Approved Request Last FY	788
Total Expense & Encumbrances	2,791
Approval Request Year 1	788

G. Status Information

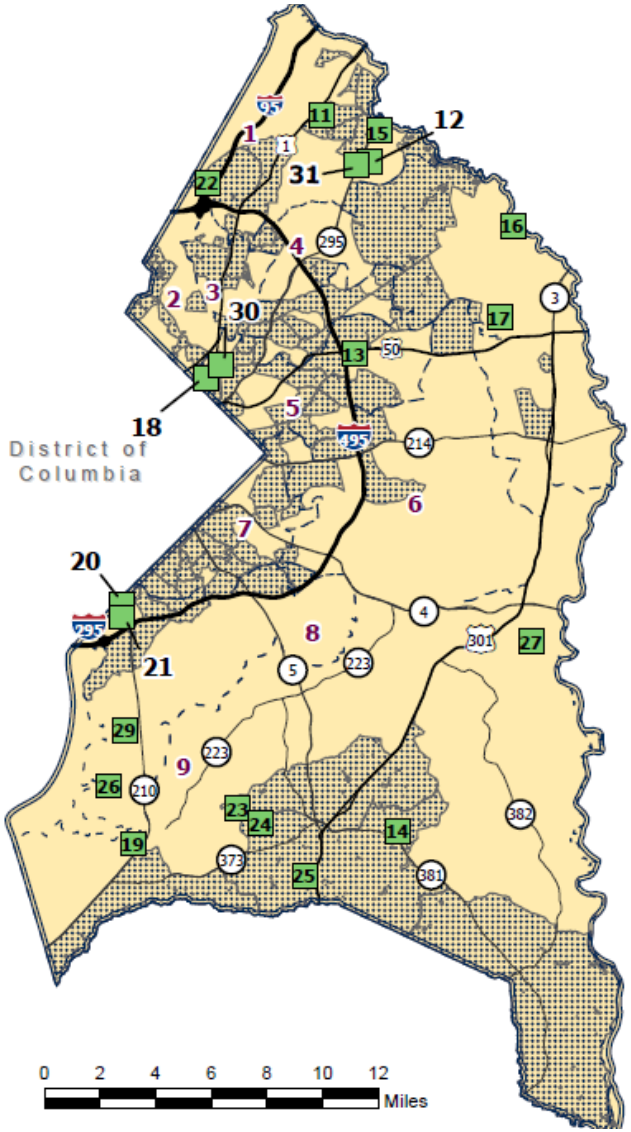
Land Status	
Project Phase	Design
Percent Complete	30 %
Estimated Completion Date	June 2032

Growth	34%
System Improvement	66%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Section 6 - Prince George's County Sewer Projects



Legend

- Council Districts
- Environmental Justice areas from Nov 2023
- County Roads
- MD State Roads
- Interstate Roads
- County Boundaries
- 7 Council Numbering

Waste Water

11	Konterra Town Center East Sewer Main (S-28.18)
12	Pumpkin Hill WWPS & FM (S-28.20)
13	Carsondale WWPS & FM (S-68.02)
14	Brandywine Woods WWPS & FM (S-75.23)
15	Parkway WRRF & Electrical Upgrades (S-77.21)
16	Horsepen WWPS & FM (S-87.19)
17	Freeway Airport WWPS & FM (S-87.20)
18	Colmar Manor WWPS & FM (S-89.26)
19	Piscataway WRRF Upgrades (S-96.14)
20	Forest Heights WWPS & FM (S-113.13)
21	National View Sewer Main (S-131.14)
22	Via White Oak Sewer Augmentation (S-118.10)
23	Pleasant Valley Sewer Main Part 2 (S-131.05)
24	Pleasant Valley Sewer Main Part 1 (S-131.07)
25	Calm Retreat Sewer Main (S-131.11)
26	Swan Creek WWPS & FM (S-131.12)
27	Western Branch WRRF Process Train Improvements (S-157.02)
28	Mattawoman WWTP Upgrades (S-75.21)
29	Broad Creek WWPS Outdoor Substations/Transformers and Screen Building Upgrades (S-45.23)
30	Hyattsville WWPS - Upgrade & Improvements (S-69.01)
31	Bedford Track WWPS Upgrades and Replacements (S-77.22)

Financial Summary -October 1, 2025
(All Figures in Thousands)
PRINCE GEORGE'S COUNTY SEWER PROJECTS

CAPITAL PROJECT	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND 26	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Water Resource Recovery (WRRFs)												
S - 000077.21	Parkway WRRF Facility & Electrical Upgrades	$112,049	$4,024	$6,091	$101,934	$15,641	$20,615	$30,551	$32,029	$3,098	$0	6-10
S - 000096.14	Piscataway WRRF Facility Upgrades	$190,442	$189,150	$1,292	$0	$0	$0	$0	$0	$0	$0	6-15
S - 000157.02	Western Branch WRRF Process Train Improvements	$179,788	$34,596	$19,734	$125,458	$36,537	$37,373	$36,657	$14,053	$184	$654	6-23
	CATEGORY SUBTOTAL	**$482,279**	**$227,770**	**$27,117**	**$227,392**	**$52,178**	**$57,988**	**$67,208**	**$46,082**	**$3,282**	**$654**	
Wastewater Collection (Sewer and Pump Stations)												
S - 000028.18	Konterra Town Center East Sewer	$7,148	$4,730	$978	$1,440	$0	$0	$665	$775	$0	$0	6-3
S - 000028.20	Pumpkin Hill WWPS & FM	$9,871	$5,276	$4,399	$196	$196	$0	$0	$0	$0	$0	6-4
S - 000045.23	Broad Creek WWPS Outdoor Substations/Transformers and Screen Building Upgrades	$18,944	$0	$537	$18,407	$591	$355	$1,582	$9,936	$5,943	$0	6-5
S - 000068.02	Carsondale WWPS & FM	$10,351	$845	$420	$9,086	$2,703	$4,313	$2,070	$0	$0	$0	6-6
S - 000069.01	Hyattsville WWPS - Upgrade & Improvements	$14,831	$258	$559	$14,014	$359	$4,674	$4,106	$3,053	$1,822	$0	6-7
S - 000075.23	Brandywine Woods WWPS & FM	$4,172	$400	$328	$3,444	$1,342	$1,234	$713	$155	$0	$0	6-9
S - 000077.22	Bedford WWPS Upgrades and Replacements	$9,201	$0	$1,487	$7,714	$1,804	$3,279	$2,631	$0	$0	$0	6-11
S - 000087.19	Horsepen WWPS & FM	$32,614	$13,185	$1,194	$18,235	$454	$4,872	$6,472	$6,437	$0	$0	6-12
S - 000087.20	Freeway Airport WWPS & FM	$3,973	$2	$328	$3,643	$1,411	$1,312	$756	$164	$0	$0	6-13
S - 000089.26	Colmar Manor WWPS & FM	$5,763	$1,146	$636	$3,981	$993	$1,156	$1,106	$726	$0	$0	6-14
S - 000113.13	Forest Heights WWPS & FM	$16,080	$1,145	$4,487	$10,448	$707	$4,870	$4,871	$0	$0	$0	6-16
S - 000118.10	Viva White Oak Sewer Augmentation	$1,284	$0	$0	$1,284	$515	$322	$193	$127	$64	$63	6-17
S - 000131.05	Pleasant Valley Sewer Main, Part 2	$1,086	$0	$261	$825	$514	$212	$99	$0	$0	$0	6-18
S - 000131.07	Pleasant Valley Sewer Main, Part 1	$2,147	$0	$605	$1,542	$1,258	$284	$0	$0	$0	$0	6-19
S - 000131.11	Calm Retreat Sewer Main	$879	$874	$5	$0	$0	$0	$0	$0	$0	$0	6-20
S - 000131.12	Swan Creek WWPS & FM	$15,266	$9,337	$550	$5,379	$1,753	$3,505	$121	$0	$0	$0	6-21
S - 000131.14	National View Sewer Main	$891	$0	$712	$179	$179	$0	$0	$0	$0	$0	6-22
	CATEGORY SUBTOTAL	**$154,501**	**$37,198**	**$17,486**	**$99,817**	**$14,779**	**$30,388**	**$25,385**	**$21,373**	**$7,829**	**$63**	
Interjurisdictional Agreements (Blue Plains, Mattawoman)												
S - 000075.21	Mattawoman WWTP Upgrades	$41,673	$0	$4,660	$37,013	$4,592	$5,384	$7,174	$8,764	$6,610	$4,489	6-8
	CATEGORY SUBTOTAL	**$41,673**	**$0**	**$4,660**	**$37,013**	**$4,592**	**$5,384**	**$7,174**	**$8,764**	**$6,610**	**$4,489**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$678,453**	**$264,968**	**$49,263**	**$364,222**	**$71,549**	**$93,760**	**$99,767**	**$76,219**	**$17,721**	**$5,206**	

WSSC Water FYs 2027 - 2032 Combined Program
New Project Listing
(All figures in thousands)

County	Project Type	Agency Number	Project Name	Total Project Cost	6-year Project Cost	Budget Project Cost	Page Number
Prince George's	Sewer	S - 000045.23	Broad Creek WWPS Outdoor Substations/Transformers and Screen Building Upgrade	18,944	18,407	591	6-5
Prince George's	Sewer	S - 000069.01	Hyattsville WWPS - Upgrade & Improvements	14,831	14,014	359	6-7
Prince George's	Sewer	S - 000077.22	Bedford WWPS Upgrades and Replacements	9,201	7,714	1,804	6-11
-	-	-	**Totals:**	42,976	40,135	2,754	-

Konterra Town Center East Sewer

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000028.18		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Northeast Branch Branch 08
Planning Areas	Northwestern Area PA 60

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,436	1,015	170	251			116	135			
Land											
Construction	5,396	3,715	680	1,001			462	539			
Other	316		128	188			87	101			
Total	**7,148**	**4,730**	**978**	**1,440**			**665**	**775**			

C. Funding Schedule (000's)

Contributions/Other	7,148	4,730	978	1,440			665	775			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 11,000 feet of 15-inch to 24-inch diameter sewer main, 240 feet of 24-inch diameter steel sleeve for a 16-inch diameter water main (W-93.01), and 240 feet of 48-inch diameter steel sleeve for a 24-inch diameter sewer. The project serves the Konterra Town Center East development which is located in the area bound by Interstate 95, the Intercounty Connector, and Konterra Drive.

JUSTIFICATION

Letter of Findings DA4623Z07 (June 2009). LOF 1st Amendment (August 2013). LOF 2nd Amendment (October 2018). LOF 3rd Amendment (January 2023).

COST CHANGE

The cost change is based upon information provided by the developer.

OTHER

The project scope has decreased. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. Design and construction will be performed by the developer under a System Extension Permit. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Prince George's County Government
Coordinating Projects: W - 000093.01 - Konterra Town Center East Water Main

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$244	
Debt Service		
Total Cost	$244	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

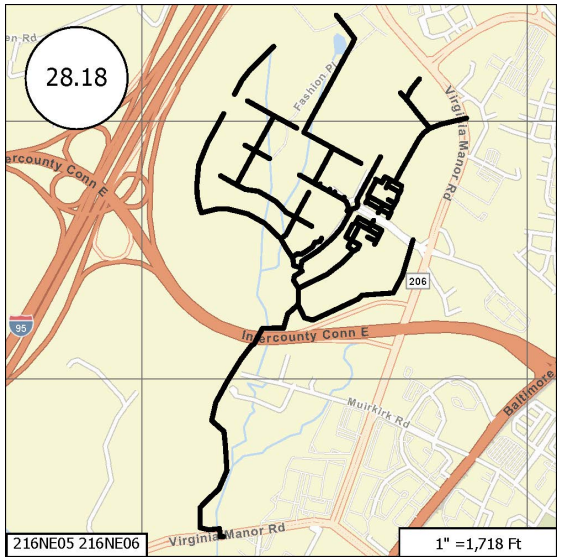
Date First in Program	FY'09
Date First Approved	FY'09
Initial Cost Estimate	833
Cost Estimate Last FY	9,063
Present Cost Estimate	7,148
Approved Request Last FY	4,210
Total Expense & Encumbrances	4,730
Approval Request Year 1	

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	60 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	11,300
Capacity	8.11 MGD

H. Map



Pumpkin Hill WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000028.20		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Parkway 17
Planning Areas	South Laurel-Montpelier PA 62

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,521	1,295	206	20	20						
Land											
Construction	7,750	3,981	3,619	150	150						
Other	600		574	26	26						
Total	**9,871**	**5,276**	**4,399**	**196**	**196**						

C. Funding Schedule (000's)

WSSC Bonds	9,871	5,276	4,399	196	196						

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Pumpkin Hill Wastewater Pumping Station and replacement of the Pumpkin Hill Force Main. The rehabilitation will replace both pumps, maintaining the pumping station's 3.6 MGD capacity. In addition, the existing 3,200 linear feet of 16-inch force main replacement has recently been completed as part of this CIP.

JUSTIFICATION

The existing pumping station was put in service in 1974. The pumps were rebuilt in 1992 and have reached the end of their useful life. Replacement of the existing force main, constructed in 1965, is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy.

Hydraulics Analysis Memorandum (July 2019).

COST CHANGE

Pump Sation and Force main schedule and expenditure projections were revised based upon executed contract.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of actual bids and design level estimates and are expected to change based upon site conditions and design constraints.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$3	28
Debt Service	$606	28
Total Cost	$609	28
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

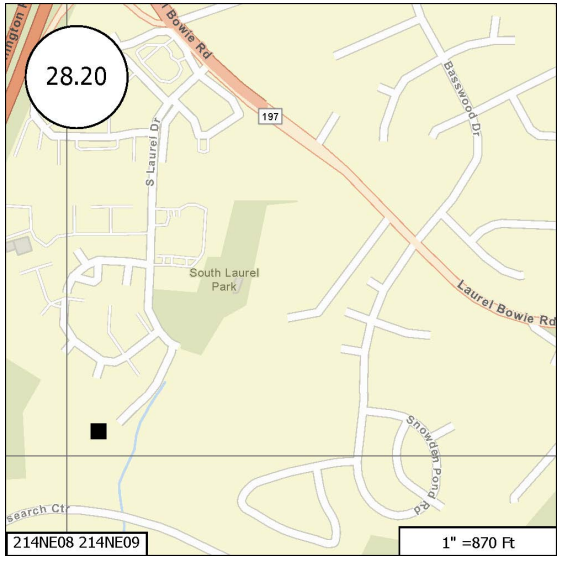
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	4,496
Cost Estimate Last FY	7,971
Present Cost Estimate	9,871
Approved Request Last FY	2,484
Total Expense & Encumbrances	5,276
Approval Request Year 1	196

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Construction
Percent Complete	43 %
Estimated Completion Date	August 2026

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	3.6 MGD

H. Map



Broad Creek WWPS Outdoor Substations/Transformers and Screen Building Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000045.23		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Broad Creek 11
Planning Areas	South Potomac Sector PA 80

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,669		488	1,181	537	323	95	126	100		
Land											
Construction	15,572			15,572			1,345	8,924	5,303		
Other	1,703		49	1,654	54	32	142	886	540		
Total	**18,944**		**537**	**18,407**	**591**	**355**	**1,582**	**9,936**	**5,943**		

C. Funding Schedule (000's)

WSSC Bonds	18,944		537	18,407	591	355	1,582	9,936	5,943		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Broad Creek WWPS Screen Building and electrical substation. The upgrades will include the replacement of the bar screens and HVAC equipment within the Screen Building and the multiple components in the electrical substation.

JUSTIFICATION

The pump station's bar screens, controls, and conveyance components are original and need major overhauling. Furthermore, the HVAC system in the Screen Building must be upgraded to meet today's National Fire Protection Association (NFPA) standards. The existing transformers are over 50 years old and have far exceeded their life expectancy and use. When components fail, replacement parts are difficult to find or are not new.

COST CHANGE

Not applicable.

OTHER

This present project scope was developed for the FY'27 CIP and has an estimated total cost of $18,944,000

COORDINATION

Coordinating Agencies: Maryland Department of the Environment
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$1,163	32
Total Cost	$1,163	32
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY27
Date First Approved	FY27
Initial Cost Estimate	18,944
Cost Estimate Last FY	
Present Cost Estimate	18,944
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	591

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	October 2030

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	58 MGD

H. Map

MAP NOT APPLICABLE

Carsondale WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000068.02		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Beaverdam Branch 3
Planning Areas	Landover & Vicinity PA 72

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,910	845	365	700	450	150	100				
Land											
Construction	7,200			7,200	1,900	3,600	1,700				
Other	1,241		55	1,186	353	563	270				
Total	**10,351**	**845**	**420**	**9,086**	**2,703**	**4,313**	**2,070**				

C. Funding Schedule (000's)

WSSC Bonds	10,351	845	420	9,086	2,703	4,313	2,070				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Carsondale Wastewater Pumping Station and replacement of the Carsondale Force Main. The rehabilitation will replace both pumps, maintaining the pumping station's 0.6 MGD capacity. The existing 3,000 linear feet of 8-inch force main will be replaced. In addition, replacement of all electrical components, including the generator, replacement of the HVAC system, general upgrades to the pump station building and grounds as needed, and the addition of a restroom are included.

JUSTIFICATION

The existing pumping station and force main were built in 1960. In 1989 the pump station and meter vault were modified to the current configuration and have reached the end of their useful life. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy.

Hydraulics Analysis Memorandum (July 2019).

COST CHANGE

Costs have increased due to required expansion of the pump station building and changes in the force main alignment.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are planning level estimates and are expected to change based upon site conditions and design constraints. Planning work for the upgrades began in FY'21 under ESP S-642.25, Carsondale WWPS Upgrades with Forcemain.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$635	30
Total Cost	$635	30
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

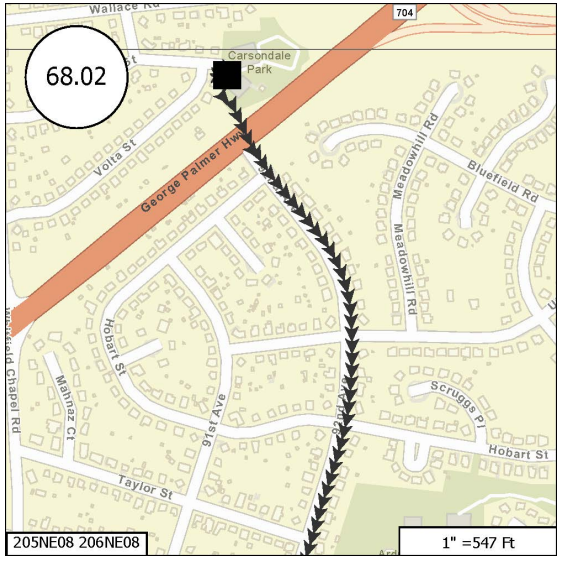
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	5,645
Cost Estimate Last FY	8,350
Present Cost Estimate	10,351
Approved Request Last FY	1,136
Total Expense & Encumbrances	845
Approval Request Year 1	2,703

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	20 %
Estimated Completion Date	May 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	0.6 MGD

H. Map



Hyattsville WWPS - Upgrade & Improvements

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000069.01		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Lower Anacostia 9
Planning Areas	Bladensburg-New Carrollton & Vicinity PA 69

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,617	258	508	851	326	182	137	126	80		
Land											
Construction	11,927			11,927		4,090	3,607	2,654	1,576		
Other	1,287		51	1,236	33	402	362	273	166		
Total	**14,831**	**258**	**559**	**14,014**	**359**	**4,674**	**4,106**	**3,053**	**1,822**		

C. Funding Schedule (000's)

WSSC Bonds	14,831	258	559	14,014	359	4,674	4,106	3,053	1,822		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Hyattsville Wastewater Pumping Station. The rehabilitation will replace five wastewater pumps to reach a pumping station capacity of 66 MGD. Additional improvements to the pumping station include replacing valves, gates, operators, flow meters, influent screening, instrumentation and pump controls, motor control center, outdoor switchgear, and HVAC systems and providing a permanent generator for backup power.

JUSTIFICATION

The existing pump station was constructed in 1993 and has operated without any upgrades since being placed into service. The wastewater pumps, motor control center (MCC), outdoor switchgear, and HVAC systems have reached their maximum projected life. New sewage pumps need to be properly sized to meet the projected peak flow for 2045. The facility does not have influent screening nor a generator to meet the Maryland Department of the Environment's (MDE) redundant power requirement.

COST CHANGE

Not applicable.

OTHER

The present project scope was developed for the FY'27 CIP and has an estimated total cost of $14,831,000

COORDINATION

Coordinating Agencies: Maryland Department of the Environment
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$910	32
Total Cost	$910	32
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY27
Date First Approved	FY25
Initial Cost Estimate	14,831
Cost Estimate Last FY	
Present Cost Estimate	14,831
Approved Request Last FY	
Total Expense & Encumbrances	258
Approval Request Year 1	359

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	February 2031

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	66 MGD

H. Map

MAP NOT APPLICABLE

Mattawoman WWTP Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000075.21		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Mattawoman 21
Planning Areas	Accokeek PA 83; Brandywine & Vicinity PA 85A; Cedarville &

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	61,136		4,614	36,642	4,546	5,330	7,102	8,676	6,544	4,444	19,880
Other	618		46	371	46	54	72	88	66	45	201
Total	**61,754**		**4,660**	**37,013**	**4,592**	**5,384**	**7,174**	**8,764**	**6,610**	**4,489**	**20,081**

C. Funding Schedule (000's)

WSSC Bonds	61,754		4,660	37,013	4,592	5,384	7,174	8,764	6,610	4,489	20,081

D. Description & Justification

DESCRIPTION

This project provides for WSSC Water's share of the evaluation, design, and construction of capital projects to upgrade and repair Charles County's Mattawoman Interceptor and WWTP. There are 14 Charles County capital program projects covered by the WSSC Water capital project. Current projects with significant spending in FY 2027 include SCADA/plant automation; electrical system replacement; in-plant water system improvement; belt filter press replacement; effluent filter improvements; plant effluent FM surge management system; upgrades to the headworks facilities; and projects to improve performance of various processes and plant facilities.

JUSTIFICATION

Prior evaluations of equipment and structural facilities concluded the need existed for various upgrade, repair, and replacement projects to meet treatment requirements under the NPDES permit. A comprehensive facility master plan of the Mattawoman WWTP was substantially completed in FY 2022 and the data and conclusions from this evaluation identified substantial upgrades to facilities and processes to reliably and safely treat wastewater to meet the NPDES permit.

The cost sharing arrangements between WSSC Water and Charles County are covered under an agreement dated October 22, 1980 and as amended by formal addendums (2004 and 2022).

COST CHANGE

The schedule and expenditure projections were updated to reflect the latest estimates available from Charles County for joint-use projects in their Capital Improvement Program. Expenditure projections have increased due to major upgrades and rehabilitation to existing facilities at the Mattawoman WWTP. Charles County is planning major upgrades to the treatment plant and due to the scope, scale and complexity, this CIP may change as more information is available.

OTHER

The project scope has remained the same. Under the terms of the 1980 Agreement with Charles County, WSSC Water has the use of 3.0 MGD of the WWTP's 20 mgd of total capacity and pays a proportionate share of the capital expenses. Beginning in FY 2007, the total plant capacity increased to 20.0 MGD, and WSSC Water's proportionate cost share was revised to 15% under the terms of Agreement Addendum No.1. Given the open-ended nature of the Mattawoman projects, this PDF does not fully reflect the total project costs. These projects are, in fact, expected to continue indefinitely. As new sub-projects are added to the Mattawoman facility plan, the associated costs will be added to this project.

COORDINATION

Coordinating Agencies: Charles County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$3,791	
Total Cost	$3,791	
Impact on Water and Sewer Rate	$0.01	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'08
Date First Approved	FY'08
Initial Cost Estimate	760
Cost Estimate Last FY	50,295
Present Cost Estimate	61,754
Approved Request Last FY	4,660
Total Expense & Encumbrances	
Approval Request Year 1	4,592

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	3.0 / 20.0 MGD

H. Map

MAP NOT APPLICABLE

Brandywine Woods WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000075.23		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Mattawoman 21; Patuxent South 22
Planning Areas	Brandywine & Vicinity PA 85A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,239	400	285	554	317	119	88	30			
Land											
Construction	2,441			2,441	850	954	532	105			
Other	492		43	449	175	161	93	20			
Total	**4,172**	**400**	**328**	**3,444**	**1,342**	**1,234**	**713**	**155**			

C. Funding Schedule (000's)

Contributions/Other	4,172	400	328	3,444	1,342	1,234	713	155			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 0.28 MGD wastewater pumping station and 1,160 feet of force main to serve the Brandywine Woods property.

JUSTIFICATION

Brandywine Woods Hydraulic Planning Analysis (June 2021).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$25	
Debt Service		
Total Cost	$25	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

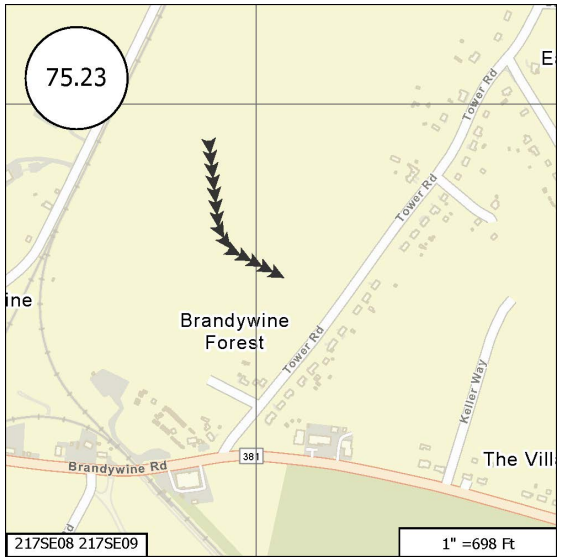
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	3,515
Cost Estimate Last FY	3,859
Present Cost Estimate	4,172
Approved Request Last FY	1,369
Total Expense & Encumbrances	400
Approval Request Year 1	1,342

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	30 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	700
Capacity	0.28 MGD

H. Map



Parkway WRRF Facility & Electrical Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000077.21		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Parkway 17
Planning Areas	South Laurel-Montpelier PA 62

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	12,388	4,023	1,238	7,127	1,797	1,848	1,594	938	950		
Land											
Construction	94,516	1	4,563	89,952	13,100	17,785	27,502	29,565	2,000		
Other	5,145		290	4,855	744	982	1,455	1,526	148		
Total	**112,049**	**4,024**	**6,091**	**101,934**	**15,641**	**20,615**	**30,551**	**32,029**	**3,098**		

C. Funding Schedule (000's)

WSSC Bonds	112,049	4,024	6,091	101,934	15,641	20,615	30,551	32,029	3,098		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of improvements and modernizations at the Parkway WRRF required for electrical upgrades to the transformers, switchgears, blowers, and emergency generator; effluent channel rehabilitation; plant water building upgrades; biosolids air compressors and influent pump station replacement; and floodplain vulnerabilities due to climate change.

JUSTIFICATION

The Parkway WRRF systems were originally constructed in the 1970s. Much of the equipment has exceeded its useful life, replacement parts are obsolete, and repair/maintenance represents a safety risk. There is an increasing risk of critical system failure and prolonged outage recovery. This replacement, rehabilitation, and upgrade work was recommended as part of WSSC Water's Asset Management Program.

COST CHANGE

The schedule and expenditure projections have been updated to reflect updated engineer's estimates.

OTHER

The project scope is inclusive of several system upgrades, climate resiliency structural updates, and treatment process enhancements. The schedule and expenditure projections shown in Block B above are preliminary design level estimates and are expected to change based upon site conditions and design constraints.

COORDINATION

Coordinating Agencies: Anne Arundel County; Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland Historical Trust; Maryland-National Capital Park & Planning Commission; Prince George's County Government; U.S. Army Corps of Engineers; U.S. Fish and Wildlife Service
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$6,879	32
Total Cost	$6,879	32
Impact on Water and Sewer Rate	$0.01	32

F. Approval and Expenditure Data (000's)

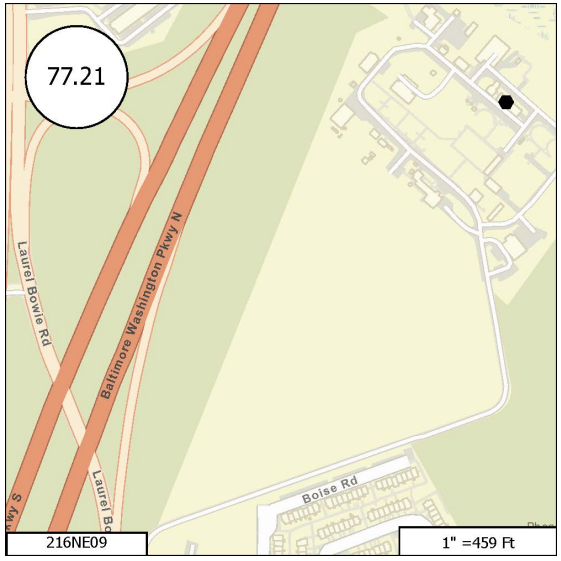
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	11,066
Cost Estimate Last FY	105,904
Present Cost Estimate	112,049
Approved Request Last FY	9,413
Total Expense & Encumbrances	4,024
Approval Request Year 1	15,641

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	15 %
Estimated Completion Date	June 2031

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Bedford WWPS Upgrades and Replacements

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000077.22		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Parkway 17
Planning Areas	South Laurel-Montpelier PA 62

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,384		1,352	1,032	492	300	240				
Land											
Construction	6,005			6,005	1,148	2,698	2,159				
Other	812		135	677	164	281	232				
Total	**9,201**		**1,487**	**7,714**	**1,804**	**3,279**	**2,631**				

C. Funding Schedule (000's)

WSSC Bonds	9,201		1,487	7,714	1,804	3,279	2,631				

D. Description & Justification

DESCRIPTION

This project provides a full facility upgrade including replacement of 3 sewage pumps, the MCC, the HVAC system, stairs, sluice gates, slide gates and handrails for the wet well, the overhead crane, building siding, roof and gutter and 4598 feet of force main. Also included are upgrades to the exterior and interior lighting, the restroom, improved truck access, and installation of a new odor control system.

JUSTIFICATION

The Bedford WWPS is old and oversized. It was designed to manage an average flow of 0.1 MGD but regularly only experiences 0.02 MGD. A full facility improvement is recommended and requested to bring the station to modern needs and expectation.

COST CHANGE

Not applicable.

OTHER

The present project scope was developed for the FY'27 CIP and has an estimated total cost of $9,201,000

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$565	30
Total Cost	$565	30
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY27
Date First Approved	FY27
Initial Cost Estimate	9,201
Cost Estimate Last FY	
Present Cost Estimate	9,201
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	1,804

G. Status Information

Land Status	
Project Phase	Design
Percent Complete	0 %
Estimated Completion Date	June 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Horsepen WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000087.19		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Horsepen 19
Planning Areas	Bowie & Vicinity PA 71A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	3,848	2,349	926	573	413	64	64	32			
Land	27	27									
Construction	27,009	10,808	160	16,041		4,375	5,833	5,833			
Other	1,729		108	1,621	41	433	575	572			
Total	**32,613**	**13,184**	**1,194**	**18,235**	**454**	**4,872**	**6,472**	**6,437**			

C. Funding Schedule (000's)

WSSC Bonds	3,256	1,314	119	1,823	45	488	647	643			
SDC	29,358	11,871	1,075	16,412	409	4,384	5,825	5,794			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the Horsepen Wastewater Pumping Station and replacement of the Horsepen Force Main. The rehabilitation will increase the pumping station's capacity from 4.22 MGD to 8.40 MGD. In addition, the approximately 21,500-foot force main will be relocated and upsized from 18-inch to 24-inch diameter to accommodate the additional flow.

JUSTIFICATION

Peak flow rates experienced at the station have exceeded the station's safe capacity; the projected peak flow conditions have increased to 8.40 MGD. Additionally, the existing pumping station equipment is over 30 years old and has reached the end of its useful life. The replacement of the force main is critical due to its age of service and location within environmentally sensitive areas. Breaks occurred along the force main in 2011, 2012, 2013, and 2018.

COST CHANGE

The expenditure projections were revised based upon current engineer estimates.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of actual bids and design level estimates and are expected to change based upon site conditions and design constraints. Planning work for the pump station began in FY'18 under ESP S-640.02, Horsepen WWPS Reliable Capacity Expansion.

COORDINATION

Coordinating Agencies: City of Bowie; Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$200	31
Total Cost	$200	31
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

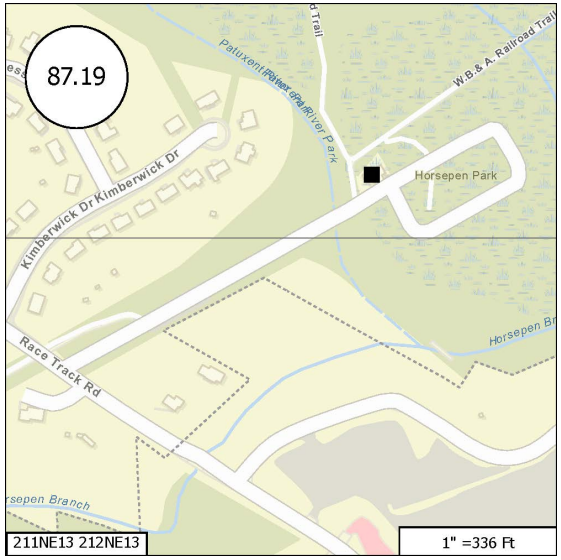
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	35,349
Cost Estimate Last FY	32,620
Present Cost Estimate	32,613
Approved Request Last FY	1,594
Total Expense & Encumbrances	13,184
Approval Request Year 1	454

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	60 %
Estimated Completion Date	June 2030

Growth	90%
System Improvement	10%
Environmental Regulation	
Population Served	
Capacity	8.40 MGD

H. Map



Freeway Airport WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000087.20		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Western Branch 14
Planning Areas	Mitchellville & Vicinity PA 74A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	831	2	285	544	315	114	86	29			
Land											
Construction	2,624			2,624	912	1,027	571	114			
Other	518		43	475	184	171	99	21			
Total	**3,973**	**2**	**328**	**3,643**	**1,411**	**1,312**	**756**	**164**			

C. Funding Schedule (000's)

Contributions/Other	3,973	2	328	3,643	1,411	1,312	756	164			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 2,000 feet of force main and a new wastewater pumping station to provide service to the Freeway Airport subdivision.

JUSTIFICATION

Freeway Airport Hydraulic Planning Analysis (May 2021). Currently undergoing amendment.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$44	
Debt Service		
Total Cost	$44	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	3,533
Cost Estimate Last FY	3,876
Present Cost Estimate	3,973
Approved Request Last FY	1,377
Total Expense & Encumbrances	2
Approval Request Year 1	1,411

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	1,200
Capacity	0.33 MGD

H. Map

Colmar Manor WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000089.26		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Lower Anacostia 9
Planning Areas	Hyattsville-Riverdale-Mount Rainier PA 68

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,349	1,146	553	650	410	100	100	40			
Land											
Construction	2,811			2,811	453	905	862	591			
Other	603		83	520	130	151	144	95			
Total	**5,763**	**1,146**	**636**	**3,981**	**993**	**1,156**	**1,106**	**726**			

C. Funding Schedule (000's)

WSSC Bonds	5,763	1,146	636	3,981	993	1,156	1,106	726			

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and rehabilitation of a 0.799 MGD wastewater pumping station and 726 linear feet of force main.

JUSTIFICATION

The existing pumping station and force main were installed in 1956 and have reached the end of their useful lives. The station is outdated and could be considered "piece-meal" due to a number of in-house modifications through the decades. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #189).

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates.

OTHER

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'21 under ESP S-636.75, Colmar Manor WWPS Upgrade with Forcemain.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; National Park Service; Prince George's County Government; Town of Colmar Manor
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$354	31
Total Cost	$354	31
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

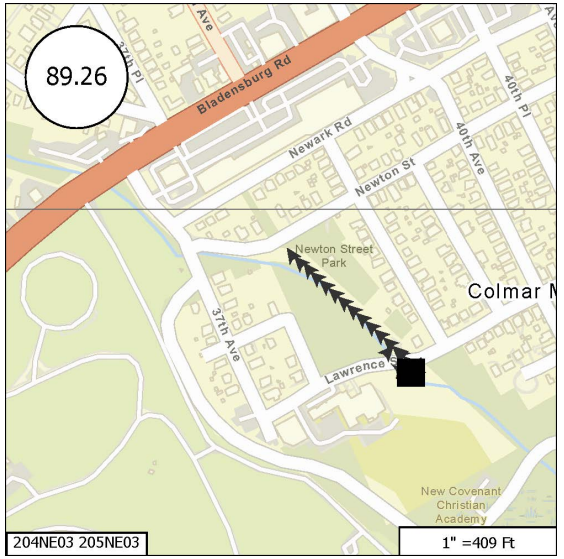
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	6,567
Cost Estimate Last FY	5,715
Present Cost Estimate	5,763
Approved Request Last FY	103
Total Expense & Encumbrances	1,146
Approval Request Year 1	993

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	30 %
Estimated Completion Date	September 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	0.799 MGD

H. Map



Piscataway WRRF Facility Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000096.14		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Piscataway Creek 4
Planning Areas	Accokeek PA 83

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	23,586	23,386	200								
Land											
Construction	166,794	165,764	1,030								
Other	62		62								
Total	**190,442**	**189,150**	**1,292**								

C. Funding Schedule (000's)

WSSC Bonds	190,442	189,150	1,292								

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of improvements at the Piscataway WRRF required to prevent plant overflows or permit violations which can occur during significant rainfall events. The work will remove bottlenecks within the plant process trains, address the physical capacity of the system, and rehabilitate existing equipment that has reached its expected service life, ensuring the ability of the plant to achieve its permit-required level of service.

JUSTIFICATION

In the Asset Management Plan the condition assessment process identified several areas of concern within the plant process trains that could potentially result in capacity or level of service failures during significant rainfall events. The Facility Plan provided a more detailed study that included the development of a plant-wide hydraulic and biological process model, CCTV inspection of buried piping, analysis of soil borings, and Level 3 Condition Assessment of electrical systems. Projects within the Facility Plan were justified and prioritized using WSSC Water's Asset Management Strategy guidelines, based on life cycle costs, business risk exposure, and needs prioritization.
Piscataway WRRF Asset Management Plan, GHD, Inc. (March 2011); Piscataway WRRF Facility Plan, AECOM (January 2014); Wastewater Treatment System Asset Management Plan (December 2016).

COST CHANGE

The expenditure projections were revised based upon work under contract.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are actual bids and may change based upon site conditions and design revisions. The Asset Management Division has determined the priority of the recommended projects.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Prince George's County Department of Environmental Resources; Prince George's County Government; U.S. Army Corps of Engineers
Coordinating Projects: A - 000103.00 - Energy Performance/Clean Energy Program; S - 000103.02 - Piscataway Bioenergy

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$211	27
Total Cost	$211	27
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

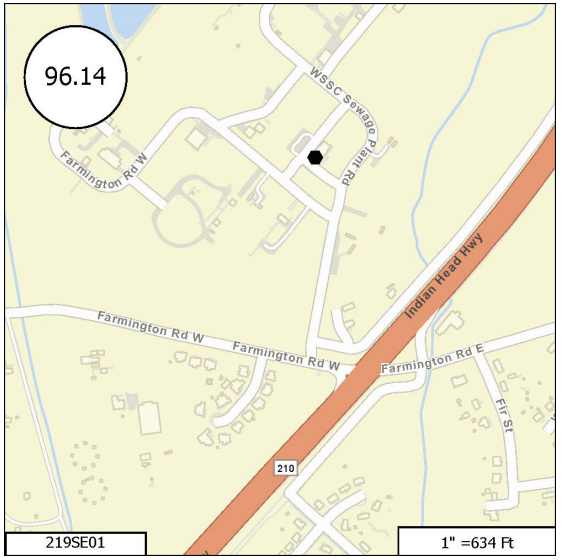
Date First in Program	FY'12
Date First Approved	FY'12
Initial Cost Estimate	66,396
Cost Estimate Last FY	195,358
Present Cost Estimate	190,442
Approved Request Last FY	3,272
Total Expense & Encumbrances	189,150
Approval Request Year 1	

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Construction
Percent Complete	99 %
Estimated Completion Date	June 2026

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	30 MGD

H. Map



Forest Heights WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000113.13		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Oxon Run 18
Planning Areas	The Heights PA 76A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,242	956	288	998	643	177	178				
Land											
Construction	12,480	189	3,791	8,500		4,250	4,250				
Other	1,358		408	950	64	443	443				
Total	**16,080**	**1,145**	**4,487**	**10,448**	**707**	**4,870**	**4,871**				

C. Funding Schedule (000's)

WSSC Bonds	4,081	939	808	2,334	580	877	877				
SDC	11,999	206	3,679	8,114	127	3,993	3,994				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 2.48 MGD wastewater pumping station and approximately 1,940 feet of force main.

JUSTIFICATION

The existing pumping station and 14-inch diameter cast iron force main were built in 1946 and have reached the end of their useful life. In addition, replacement parts are unavailable since the equipment is obsolete. Replacement of the existing force main is in accordance with an initiative to prioritize replacing force mains that have reached their anticipated life expectancy. This upgrade work was recommended as part of WSSC Water's Asset Management Program (CNPV #192).

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are design level estimates and are expected to change based upon site conditions and design constraints. Planning work began in FY'21 under ESP S-650.25, Forest Heights WWPS Upgrades/Improvements. Future land costs are included in project S-203.00.

COORDINATION

Coordinating Agencies: Maryland Department of Natural Resources; Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Government; Town of Forest Heights
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$251	30
Total Cost	$251	30
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

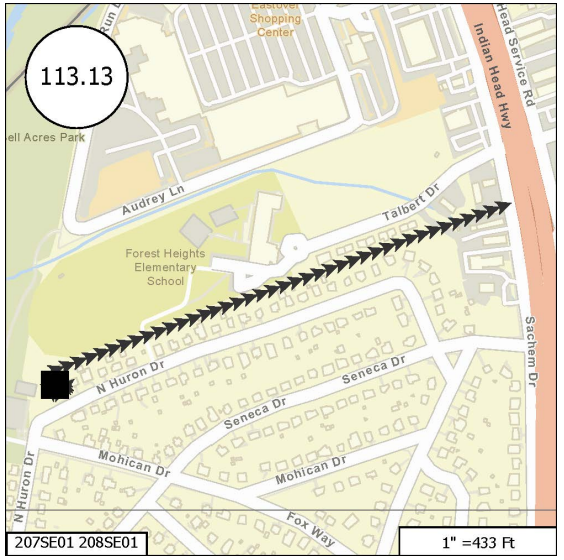
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	8,958
Cost Estimate Last FY	10,405
Present Cost Estimate	16,080
Approved Request Last FY	2,183
Total Expense & Encumbrances	1,145
Approval Request Year 1	707

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	Design
Percent Complete	30 %
Estimated Completion Date	June 2029

Growth	82%
System Improvement	18%
Environmental Regulation	
Population Served	
Capacity	2.48 MGD

H. Map



Viva White Oak Sewer Augmentation

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000118.10		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Paint Branch 2
Planning Areas	Colesville-White Oak & Vicinity PA 33; Fairland-Beltsville (PG

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	224			224	90	56	34	22	11	11	
Land											
Construction	894			894	358	224	134	89	45	44	
Other	166			166	67	42	25	16	8	8	
Total	**1,284**			**1,284**	**515**	**322**	**193**	**127**	**64**	**63**	

C. Funding Schedule (000's)

Contributions/Other	1,284			1,284	515	322	193	127	64	63	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 2,500 feet of 24-inch and 30-inch diameter sewer mains. These sewers will replace existing 21-inch and 27-inch diameter sewer mains in the Paint Branch Basin downstream of the West Farm Creek Tributary and terminate at Powder Mill Road.

JUSTIFICATION

Viva White Oak Hydraulic Planning Analysis (July 2019) amended on 8/16/2022.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Department of Environmental Resources; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: S - 000118.09 - Viva White Oak Sewer Main; W - 000113.21 - Viva White Oak Water Main

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

F. Approval and Expenditure Data (000's)

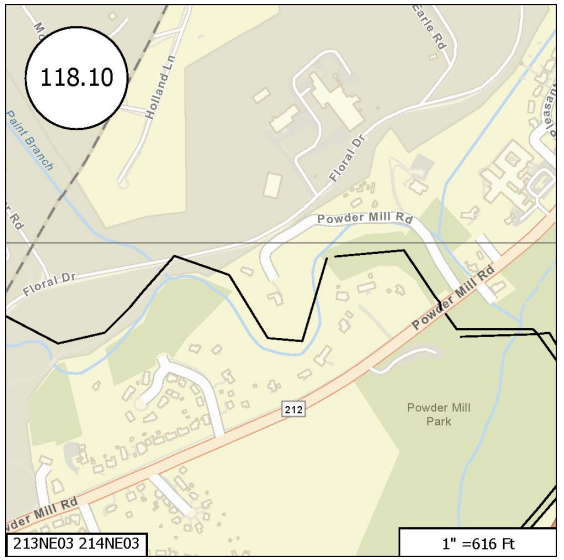
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	1,080
Cost Estimate Last FY	1,253
Present Cost Estimate	1,284
Approved Request Last FY	501
Total Expense & Encumbrances	
Approval Request Year 1	515

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	20 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	11.5 MGD

H. Map



Pleasant Valley Sewer Main, Part 2

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000131.05		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Piscataway Creek 4
Planning Areas	Piscataway & Vicinity PA 84

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	167		78	89	70	12	7				
Land											
Construction	777		149	628	377	172	79				
Other	142		34	108	67	28	13				
Total	**1,086**		**261**	**825**	**514**	**212**	**99**				

C. Funding Schedule (000's)

Contributions/Other	1,086		261	825	514	212	99				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 2,750 feet of 21-inch and 24-inch diameter sewer main to provide service to the Estates of Pleasant Valley and the Ridges III Subdivisions.

JUSTIFICATION

Saddle Creek Hydraulic Planning Analysis (Approved April 2022). Currently undergoing amendment.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Prince George's County Government
Coordinating Projects: S - 000131.07 - Pleasant Valley Sewer Main, Part 1

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$60	
Debt Service		
Total Cost	$60	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

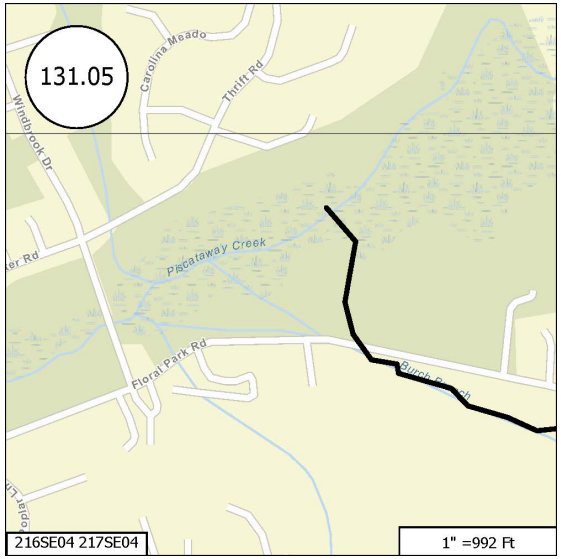
Date First in Program	FY'05
Date First Approved	FY'05
Initial Cost Estimate	586
Cost Estimate Last FY	1,059
Present Cost Estimate	1,086
Approved Request Last FY	501
Total Expense & Encumbrances	
Approval Request Year 1	514

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	60 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	2,000
Capacity	3.80 MGD

H. Map



Pleasant Valley Sewer Main, Part 1

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000131.07		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Piscataway Creek 4
Planning Areas	Accokeek PA 83

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	369		201	168	138	30					
Land											
Construction	1,498		325	1,173	956	217					
Other	280		79	201	164	37					
Total	**2,147**		**605**	**1,542**	**1,258**	**284**					

C. Funding Schedule (000's)

Contributions/Other	2,147		605	1,542	1,258	284					

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 10,000 feet of 15-inch, 18-inch and 21-inch diameter sewer main to serve the Saddle Creek subdivision.

JUSTIFICATION

Saddle Creek Hydraulic Planning Analysis (Approved April 2022). Currently undergoing amendment.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland-National Capital Park & Planning Commission; Potomac Electric Power Company; Prince George's County Government
Coordinating Projects: S - 000131.05 - Pleasant Valley Sewer Main, Part 2

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$219	
Debt Service		
Total Cost	$219	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

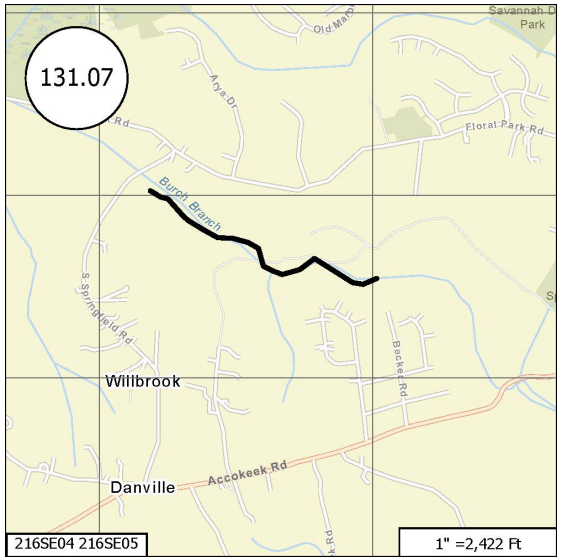
Date First in Program	FY'10
Date First Approved	FY'10
Initial Cost Estimate	1,303
Cost Estimate Last FY	2,159
Present Cost Estimate	2,147
Approved Request Last FY	1,228
Total Expense & Encumbrances	
Approval Request Year 1	1,258

G. Status Information

Land Status	Not Applicable
Project Phase	Design
Percent Complete	80 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	2,000
Capacity	1.7 to 2.7 MGD

H. Map



Calm Retreat Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000131.11		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Mattawoman 21
Planning Areas	Brandywine & Vicinity PA 85A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	348	343	5								
Land											
Construction	531	531									
Other											
Total	**879**	**874**	**5**								

C. Funding Schedule (000's)

Contributions/Other	879	874	5								

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of 2,914 feet of 15-inch diameter sewer main to serve the Calm Retreat Subdivision.

JUSTIFICATION

Milestone Letter of Findings (May 2020). Amended Letter of Findings #2 (May 2021). Amended Letter of findings #3 5/26/2023. DA6662A19 construction was completed and released for service on 12/7/2023. DA6662B19 construction was completed and released for service on 06/14/2024. The project is going through internal audit for SDC Credit Reimbursement and so we are not closing it out.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. Design and construction will be performed by the developer under a System Extension Permit. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Maryland-National Capital Park & Planning Commission; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$64	
Debt Service		
Total Cost	$64	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

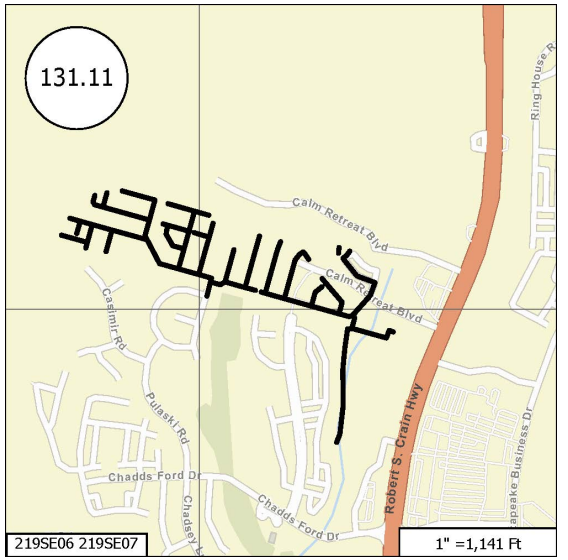
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	981
Cost Estimate Last FY	935
Present Cost Estimate	879
Approved Request Last FY	108
Total Expense & Encumbrances	874
Approval Request Year 1	

G. Status Information

Land Status	Not Applicable
Project Phase	Construction
Percent Complete	99 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	

H. Map



Swan Creek WWPS & FM

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000131.12		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Piscataway Creek 4
Planning Areas	South Potomac Sector PA 80

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	2,664	1,952	500	212	53	106	53				
Land											
Construction	12,063	7,385		4,678	1,541	3,080	57				
Other	539		50	489	159	319	11				
Total	**15,266**	**9,337**	**550**	**5,379**	**1,753**	**3,505**	**121**				

C. Funding Schedule (000's)

WSSC Bonds	15,266	9,337	550	5,379	1,753	3,505	121				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of the modifications to the existing 3.90 MGD wastewater pumping station and replacement of approximately 5,500 feet of existing force main.

JUSTIFICATION

The existing pumping station and 24-inch diameter PCCP force main were built in 1966 and have reached the end of their useful life. Replacement parts are obsolete and unavailable.

COST CHANGE

Not applicable.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of construction costs and design level estimates and are expected to change based upon site conditions and design constraints. The WWPS costs are based on actual construction costs as the WWPS construction has been completed. The force main replacement costs are based on design level estimates. The force main work is estimated to be completed in FY 2028. Early work on Swan Creek WWPS Upgrades began in FY 2016 under ESP S-653.01, Swan Creek Facility Evaluation and Pump Replacement.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Maryland State Highway Administration; Maryland-National Capital Park & Planning Commission; Prince George's County Department of Public Works and Transportation; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$937	30
Total Cost	$937	30
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

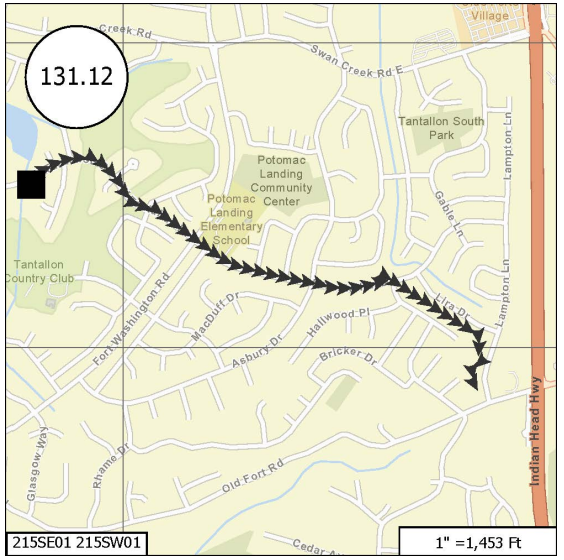
Date First in Program	FY'22
Date First Approved	FY'22
Initial Cost Estimate	12,186
Cost Estimate Last FY	15,009
Present Cost Estimate	15,266
Approved Request Last FY	1,668
Total Expense & Encumbrances	9,337
Approval Request Year 1	1,753

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	30 %
Estimated Completion Date	December 2028

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	3.90 MGD

H. Map



National View Sewer Main

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000131.14		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Oxon Run 18
Planning Areas	The Heights PA 76A

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	130		103	27	27						
Land											
Construction	645		516	129	129						
Other	116		93	23	23						
Total	**891**		**712**	**179**	**179**						

C. Funding Schedule (000's)

Contributions/Other	891		712	179	179						

D. Description & Justification

DESCRIPTION

This project provides the planning, design, and construction of 2,000 feet of 15-inch sewer to serve the National View project.

JUSTIFICATION

National View Hydraulic Planning Analysis (January 2023).

COST CHANGE

Not applicable.

OTHER

The present project scope was developed for the FY' 2025 CIP and has an estimated total cost of $891,000. The schedule and expenditure projections shown in Block B above are based upon information provided by the developer. The estimated completion date is developer dependent. No WSSC Water rate supported debt will be used for this project.

COORDINATION

Coordinating Agencies: Prince George's County Department of Environmental Resources; Prince George's County Department of Public Works and Transportation; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance	$44	
Debt Service		
Total Cost	$44	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

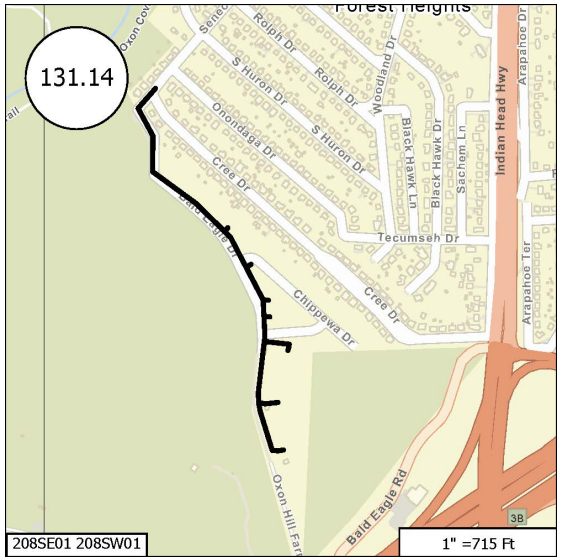
Date First in Program	FY'25
Date First Approved	FY'25
Initial Cost Estimate	1,137
Cost Estimate Last FY	868
Present Cost Estimate	891
Approved Request Last FY	175
Total Expense & Encumbrances	
Approval Request Year 1	179

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	Developer Dependent

Growth	100%
System Improvement	
Environmental Regulation	
Population Served	
Capacity	1.86 MGD

H. Map



Western Branch WRRF Process Train Improvements

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000157.02		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Western Branch 14
Planning Areas	Upper Marlboro & Vicinity PA 79

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	26,990	10,110	3,470	13,410	4,577	3,776	3,728	1,239	48	42	
Land											
Construction	145,883	24,486	15,324	106,073	30,220	31,817	31,183	12,145	127	581	
Other	6,915		940	5,975	1,740	1,780	1,746	669	9	31	
Total	**179,788**	**34,596**	**19,734**	**125,458**	**36,537**	**37,373**	**36,657**	**14,053**	**184**	**654**	

C. Funding Schedule (000's)

WSSC Bonds	179,788	34,596	19,734	125,458	36,537	37,373	36,657	14,053	184	654	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of improvements at the Western Branch WRRF required to replace the influent flow splitter box, main electrical substation, and process treatment equipment at the end of its useful life; to rehabilitate aging concrete treatment structures and tertiary filters; to upgrade clarifier equipment, the denitrification treatment system, the potable water system, and the solids truck loading operations; and to provide back-up power capability for treatment reliability.

JUSTIFICATION

The plant was originally built in the early 1970s. Weathering and corrosion of concrete structures and metal equipment require rehabilitation and replacement to extend the useful life and maintain safe access and operation of the process treatment reactors, clarifiers, and filters. Medium voltage electrical distribution equipment is at the end of its useful life, replacement parts are obsolete, and repair/maintenance represents a safety risk. Back-up power generators are being added to the plant to provide power reliability to maintain treatment operations during weather related power outages. The potable water well and distribution system is over 50 years old and requires replacement and upgrade. The denitrification treatment system is being upgraded to provide improved flow balancing and energy efficiency.

This replacement, rehabilitation, and upgrade work was recommended by various business case evaluations undertaken as part of WSSC Water's Asset Management Program.

COST CHANGE

The schedule and expenditure projections were revised based upon updated engineer's estimates. Added additional scope increased project cost.

OTHER

Additional project scope includes: Install high flow relief ports at the DNAS influent channel/reactor wall interface, Install high flow relief pipeline at the DNAS system, Add Hydrograv Adapt® system to the final clarifiers, Upgrade select replacement equipment materials to stainless steel. The schedule and expenditure projections shown in Block B above are a mix of construction cost, design, and planning level estimates and are expected to change based upon site conditions and design constraints. Early work began under multiple ESP projects.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$11,037	33
Total Cost	$11,037	33
Impact on Water and Sewer Rate	$0.02	33

F. Approval and Expenditure Data (000's)

Date First in Program	FY'20
Date First Approved	FY'20
Initial Cost Estimate	14,859
Cost Estimate Last FY	142,856
Present Cost Estimate	179,788
Approved Request Last FY	17,662
Total Expense & Encumbrances	34,596
Approval Request Year 1	36,537

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	20 %
Estimated Completion Date	December 2031

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	30.6 MGD

H. Map

MAP NOT APPLICABLE

Section 7 - Information Only Projects

Financial Summary -October 1, 2025

(All Figures in Thousands)

INFORMATIONAL ONLY PROJECTS

CAPITAL PROJECT	PROJECT NAME	EST. TOTAL COST	EXPEND THRU 25	EST. EXPEND	TOTAL SIX YEARS	YEAR 1 FY27	YEAR 2 FY28	YEAR 3 FY29	YEAR 4 FY30	YEAR 5 FY31	YEAR 6 FY32	PAGE NUM
Water Treatment and Storage (WFPs, Reservoirs, Water Tanks)												
W - 000105.00	Water Storage Facility Rehabilitation Program	$74,427	$0	$24,074	$50,353	$29,332	$12,243	$7,788	$330	$330	$330	7-18
S - 000001.02	High Inflow and Infiltration Basin Rehabilitation	$10,078	$0	$0	$10,078	$530	$1,060	$2,122	$2,122	$2,122	$2,122	7-15
	CATEGORY SUBTOTAL	**$84,505**	**$0**	**$24,074**	**$60,431**	**$29,862**	**$13,303**	**$9,910**	**$2,452**	**$2,452**	**$2,452**	
Water Distribution (Water Mains and Pump Stations)												
W - 000001.00	Water Reconstruction Program	$650,190	$0	$82,898	$567,292	$68,000	$95,906	$97,145	$99,571	$102,059	$104,611	7-16
W - 000107.00	Specialty Valve Vault Rehabilitation Program	$34,735	$926	$791	$33,018	$9,019	$12,429	$9,118	$552	$1,151	$749	7-19
	CATEGORY SUBTOTAL	**$684,925**	**$926**	**$83,689**	**$600,310**	**$77,019**	**$108,335**	**$106,263**	**$100,123**	**$103,210**	**$105,360**	
Wastewater Collection (Sewer and Pump Stations)												
S - 000001.01	Sewer Reconstruction Program	$610,667	$0	$97,250	$513,418	$114,046	$75,979	$77,880	$79,823	$81,823	$83,867	7-14
	CATEGORY SUBTOTAL	**$610,667**	**$0**	**$97,250**	**$513,418**	**$114,046**	**$75,979**	**$77,880**	**$79,823**	**$81,823**	**$83,867**	
General Facilities (RGH, Depots, Laboratory, Buildings)												
A - 000100.01	Anacostia Depot Reconfiguration	$76,532	$4,782	$3,990	$67,760	$24,044	$22,267	$21,449	$0	$0	$0	7-3
A - 000101.04	Laboratory Division Building Expansion	$45,644	$36,035	$2,485	$7,124	$5,599	$1,525	$0	$0	$0	$0	7-4
A - 000101.06	Support Center Upgrades	$71,540	$2,316	$6,380	$62,844	$22,785	$9,862	$8,276	$8,024	$13,897	$0	7-5
	CATEGORY SUBTOTAL	**$193,716**	**$43,133**	**$12,855**	**$137,728**	**$52,428**	**$33,654**	**$29,725**	**$8,024**	**$13,897**	**$0**	
Innovation and Investment Priorities (Water Supply, Meters, Climate Action)												
A - 000103.00	Energy Performance/Clean Energy Program	$90,650	$0	$9,664	$80,986	$16,289	$10,198	$11,713	$12,826	$14,975	$14,985	7-7
A - 000109.01	Metering Infrastructure Upgrade	$282,636	$0	$0	$282,636	$12,890	$72,583	$74,343	$74,343	$41,778	$6,700	7-8
A - 000109.02	Lead Reduction Program	$191,551	$0	$27,093	$164,458	$34,020	$27,510	$27,588	$27,815	$26,331	$21,194	7-9
A - 000112.00	PFAS Management Strategy	$297,860	$0	$3,150	$294,710	$6,300	$14,087	$17,317	$43,483	$77,703	$135,820	7-11
	CATEGORY SUBTOTAL	**$862,697**	**$0**	**$39,907**	**$822,790**	**$69,499**	**$124,378**	**$130,961**	**$158,467**	**$160,787**	**$178,699**	
Mixed-use (ESP, Other Capital Programs, Land, Beltway)												
A - 000102.00	Engineering Support Program	$171,125	$0	$25,000	$146,125	$25,000	$16,125	$19,000	$21,000	$25,000	$40,000	7-6
A - 000110.00	Other Capital Programs	$272,282	$0	$45,527	$226,755	$38,143	$28,658	$33,768	$37,323	$44,432	$44,432	7-10
A - 000113.00	Master Planning and Facilities Planning and Investment	$70,337	$0	$17,325	$53,012	$15,225	$7,111	$4,389	$3,969	$9,760	$12,558	7-12
	CATEGORY SUBTOTAL	**$513,744**	**$0**	**$87,852**	**$425,892**	**$78,368**	**$51,894**	**$57,157**	**$62,292**	**$79,192**	**$96,990**	
	Projects Pending Close-Out	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
	TOTALS	**$2,950,254**	**$44,059**	**$345,627**	**$2,560,569**	**$421,222**	**$407,543**	**$411,896**	**$411,181**	**$441,361**	**$467,368**	

WSSC Water FYs 2027 - 2032 Combined Program
New Project Listing
(All figures in thousands)

County	Project Type	Agency Number	Project Name	Total Project Cost	6-year Project Cost	Budget Project Cost	Page Number
N/A	Information-Only	A - 000109.01	Metering Infrastructure Upgrade	282,636	282,636	12,890	7-8
-	-	-	**Totals:**	282,636	282,636	12,890	-

Anacostia Depot Reconfiguration

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000100.01		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Landover & Vicinity PA 72

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	7,735	3,772	1,800	2,163	900	580	683				
Land											
Construction	65,382	1,010	2,000	62,372	22,000	20,627	19,745				
Other	3,415		190	3,225	1,144	1,060	1,021				
Total	**76,532**	**4,782**	**3,990**	**67,760**	**24,044**	**22,267**	**21,449**				

C. Funding Schedule (000's)

WSSC Bonds	76,532	4,782	3,990	67,760	24,044	22,267	21,449				

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of new buildings at Anacostia Depot to improve the efficiency of operations; comply with current building codes, safety regulations, and Americans with Disabilities Act (ADA) requirements, improve the energy efficiency of the facilities, address floodplain vulnerabilities and replace assets that have reached their useful lives.

JUSTIFICATION

The Anacostia Depot is the largest of WSSC Water's four depots that support water and sewer field operations. The existing buildings were constructed in the 1970s. The depot houses several critical functions for WSSC Water, including the workshop and administrative space for the Facility Maintenance Division, the water meter testing and hydrant shop, the heavy equipment shop, the Fleet Services Division building and one of the fleet garages, and the main warehouse. The depot is constrained by CSX railroad tracks that traverse the site, leading to operational inefficiencies when vehicles and staff must wait for trains to pass. The site also has floodplain vulnerabilities due to the effects of climate change.

A facility-wide condition assessment was undertaken in June 2019 to identify deficiencies in the existing facilities and provide a recommended course of action to remedy the issues. The study identified a significant number of deficiencies, including electrical, mechanical, accessibility, and safety deficiencies. The study examined potential remedies, including renovation and new build scenarios. A facility master plan was subsequently commissioned to provide a more detailed analysis of the potential renovation and new build alternatives, which was finalized in June 2021. Anacostia Depot Facility Condition Assessment, Louis Berger (July 2020); Anacostia Depot Master Plan, Samaha Associates (June 2021).

COST CHANGE

The schedule and expenditure projections have been updated to reflect the revised scope and latest Engineer's construction cost estimate of the project.

OTHER

The project scope has been revised to include mechanical equipment upgrades at the warehouse and the heavy equipment shop and to remove the replacement of the warehouse's roof. 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 under ESP A-859.11, Anacostia Depot Reconfiguration.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$4,698	30
Total Cost	$4,698	30
Impact on Water and Sewer Rate	$0.01	30

F. Approval and Expenditure Data (000's)

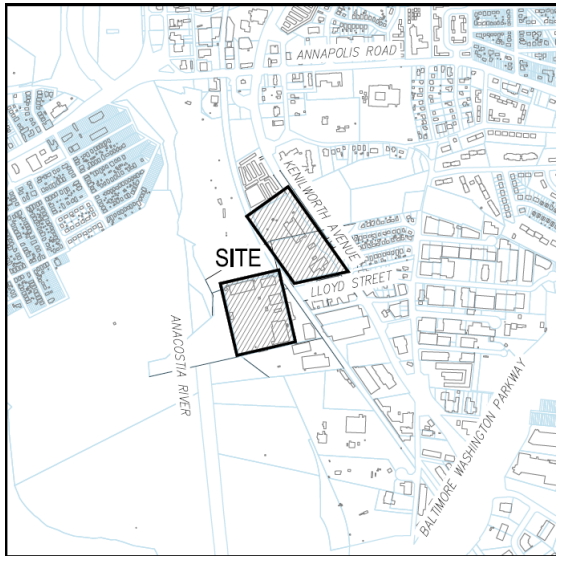
Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	42,838
Cost Estimate Last FY	67,110
Present Cost Estimate	76,532
Approved Request Last FY	23,822
Total Expense & Encumbrances	4,782
Approval Request Year 1	24,044

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	100 %
Estimated Completion Date	June 2029

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map



Laboratory Division Building Expansion

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000101.04		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Fairland (MC) PA 34

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	6,846	5,524	995	327	293	34					
Land											
Construction	37,925	30,511	1,264	6,150	4,797	1,353					
Other	873		226	647	509	138					
Total	**45,644**	**36,035**	**2,485**	**7,124**	**5,599**	**1,525**					

C. Funding Schedule (000's)

WSSC Bonds	45,644	36,035	2,485	7,124	5,599	1,525					

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of a 19,720 square-foot expansion to the Consolidated Laboratory Facility and replacement of equipment in the existing building to accommodate the increased workload, ensure that all data meets requirements set by the regulators, and to improve the safety of employees and customers.

JUSTIFICATION

The Consolidated Laboratory Facility is an MDE-certified lab constructed in 2000 to meet the original workload of a maximum of 500,000 tests/year. Since the lab was built, it has experienced a significant increase in the analytical workload, number of employees, and number of instruments, and also added new functions with the creation of the Water Quality Division. The historical workload of 500,000 tests/year is expected to grow to over 750,000 tests/year. Currently, WSSC Water depends on subcontract laboratories for critical and regulatory analysis that cannot be handled in-house due to space, infrastructure, and instrument constraints. Lack of control and supervision by qualified WSSC Water staff on the regulatory samples tested in subcontract laboratories has resulted in errors in the past that could potentially lead to a citation/violation for WSSC Water. Additionally, increased analytical time involved with subcontract analysis may delay response to critical water contamination events, which could jeopardize the safety of WSSC Water's customers. An MDE Laboratory audit recommended having separate rooms for analyzing wastewater and drinking water microbiological samples. Lab Expansion Business Case Evaluation, CDM Smith (March 2019).

COST CHANGE

The schedule and expenditure projections were revised based upon the amount of time and funding required to complete the remaining projects in this program.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of actual bids and preliminary planning level estimates and are expected to change based upon site conditions and design constraints. The project is being implemented in two phases, with the first phase encompassing the expansion and the second phase comprising the replacement of equipment in the existing building. The Water Quality Division is implementing a Water Quality Surveillance and Response System to continuously monitor and respond to drinking water contamination events on a real-time basis from a centralized Water Quality Control Center. The Water Quality Division also manages the Contamination Rapid Response Team (CRRT) and the response to all water quality related customer complaints.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; Prince George's County Government; U.S. Environmental Protection Agency, Region III
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$2,802	29
Total Cost	$2,802	29
Impact on Water and Sewer Rate	$0.01	29

F. Approval and Expenditure Data (000's)

Date First in Program	FY'21
Date First Approved	FY'21
Initial Cost Estimate	21,844
Cost Estimate Last FY	42,821
Present Cost Estimate	45,644
Approved Request Last FY	2,288
Total Expense & Encumbrances	36,035
Approval Request Year 1	5,599

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Construction
Percent Complete	82 %
Estimated Completion Date	July 2027

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	750,000 tests annually

H. Map

MAP NOT APPLICABLE

Support Center Upgrades

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000101.06	1	Change

PDF Date	October 1, 2025
Date Revised	April 21, 2025

Pressure Zones	
Drainage Basins	
Planning Areas	Northwestern Area PA 60

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	8,172	2,090	1,000	5,082	1,500	1,014	717	602	1,249		
Land											
Construction	59,795	226	4,800	54,769	20,200	8,378	7,165	7,040	11,986		
Other	3,573		580	2,993	1,085	470	394	382	662		
Total	**71,540**	**2,316**	**6,380**	**62,844**	**22,785**	**9,862**	**8,276**	**8,024**	**13,897**		

C. Funding Schedule (000's)

WSSC Bonds	71,540	2,316	6,380	62,844	22,785	9,862	8,276	8,024	13,897		

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, and construction of projects to replace and upgrade assets at the Support Center Upgrades that have reached the end of their useful lives. The program will maintain or enhance existing operating conditions and reliability of the building systems. The work includes the following:

1.Replacement of the primary 13.2 kV switchgear and associated equipment that supply power to the building; and replacement of the emergency generators and fuel tanks.
2.Restacking- Upgrading 8th and 12th floors
Restacking -- Upgrading 6th and lobby floors
Restacking - Upgrading 3rd and 11th floors
Restacking – 2nd, 4th and 10th floor
Restacking – 5th and Lake level
3. Blazer Unit Replacement at 2nd, Lobby and Lower Levels
4 Facade and Screen Wall Rehabilitations
5. Replacement of existing Green Roof with new.

JUSTIFICATION

Most of the electrical equipment at the Support Center was installed during the initial building construction in 1990 and has reached the end of its useful life. Parts are not readily available in most cases and are increasingly more difficult to find. There is an increasing risk of critical system failure and prolonged outage recovery. The emergency generators are needed for building life safety systems, the Systems Control Center, and backup power to the Data Center systems in the event primary power is lost. Support Center Upgrades will be executed under multiple projects including upgrades to optimize space utilization, improve energy efficiency, meet code requirements and upgrade assets that have reached end of their useful life.
This work was recommended as part of WSSC Water's Asset Management Program (CNPV #149 and CNPV #178).

COST CHANGE

Cost changes are due to the transfer of ESP to CIP projects related directly to the Support Center.
The cost has increased as shown on the latest construction cost estimate from the Design Engineer for the restacking project and the bids received for the switchgear replacement project.

OTHER

The project scope has changed to include the new projects transferred from ESP. The schedule and expenditure projections shown are preliminary design level estimates and are expected to change based upon site conditions and design constraints. Planning work began under ESP A-890.63, Support Center Switchgear and Generator Replacement, A-890.62 for Support Center Building Restack Project, A-890.70 for Facade and Screen Wall and Green Roof Replacement of 2nd Floor Blazer units started under ESP A-890.58

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$4,392	27
Total Cost	$4,392	27
Impact on Water and Sewer Rate	$0.01	27

F. Approval and Expenditure Data (000's)

Date First in Program	FY'23
Date First Approved	FY'23
Initial Cost Estimate	13,750
Cost Estimate Last FY	43,410
Present Cost Estimate	71,540
Approved Request Last FY	9,548
Total Expense & Encumbrances	2,316
Approval Request Year 1	22,785

G. Status Information

Land Status	Public/Agency owned land
Project Phase	Design
Percent Complete	90 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Engineering Support Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000102.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Bi-County
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	152,221		22,556	129,665	21,250	14,555	17,096	18,864	22,400	35,500	
Other	18,904		2,444	16,460	3,750	1,570	1,904	2,136	2,600	4,500	
Total	**171,125**		**25,000**	**146,125**	**25,000**	**16,125**	**19,000**	**21,000**	**25,000**	**40,000**	

C. Funding Schedule (000's)

WSSC Bonds	171,125		25,000	146,125	25,000	16,125	19,000	21,000	25,000	40,000	

D. Description & Justification

DESCRIPTION

The Engineering Support Program (ESP) represents a consolidation of a diverse group of projects whose unified purpose is to support the extensive water and sewer infrastructure and numerous support facilities that are owned, operated, and maintained by WSSC Water.

*EXPENDITURES FOR ENGINEERING SUPPORT ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

ESP projects are identified primarily through WSSC Water's Asset Management Program. Engineering services are provided for planning, design, and construction to meet a wide range of needs. As such, ESP projects are diverse in scope and typically include work needed to upgrade operating efficiency, modify existing processes, satisfy regulatory requirements, improve safety and security, or rehabilitate aging facilities. The ESP does not include proposed "major projects" which, by law, must be programmed in WSSC Water's Six-Year Capital Improvements Program or projects to serve new development.

Asset Management Implementation Plan, Stearns & Wheler (April 2008); FY'25 Enterprise Asset Management Plan (May 2023).

COST CHANGE

The ESP process provides a stable funding level for projects that require engineering support. Each year, the requested projects will be prioritized and then initiated subject to the available funding for the fiscal year.

OTHER

The ESP process provides a stable funding level for projects that require engineering support. Each year, the requested projects will be prioritized and then initiated subject to the available funding for the fiscal year.

COORDINATION

Coordinating Agencies: Not Applicable
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$10,506	
Total Cost	$10,506	
Impact on Water and Sewer Rate	$0.02	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'87
Date First Approved	FY'87
Initial Cost Estimate	
Cost Estimate Last FY	275,000
Present Cost Estimate	171,125
Approved Request Last FY	25,000
Total Expense & Encumbrances	
Approval Request Year 1	25,000

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Energy Performance/Clean Energy Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000103.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	9,212		1,710	7,502	1,494	1,525	1,622	507	681	1,673	
Land											
Construction	73,404		7,075	66,329	13,315	7,843	9,092	11,197	12,933	11,949	
Other	8,034		879	7,155	1,480	830	999	1,122	1,361	1,363	
Total	**90,650**		**9,664**	**80,986**	**16,289**	**10,198**	**11,713**	**12,826**	**14,975**	**14,985**	

C. Funding Schedule (000's)

WSSC Bonds	90,650		9,664	80,986	16,289	10,198	11,713	12,826	14,975	14,985	

D. Description & Justification

DESCRIPTION

This program provides for the planning, design, and construction of projects to replace and upgrade energy consuming equipment and systems to reduce energy consumption (electricity, fuel oil, natural gas, or other fuel), energy costs, and greenhouse gas production at all WSSC Water facilities. The program will maintain or enhance existing operating conditions and reliability and reducing energy consumption while continuing to meet all permit requirements and ensuring a continued commitment to environmental stewardship, including greenhouse gas reduction. Projects may include, but are not limited to, the replacement or upgrade of water and wastewater process equipment, water and wastewater pumps and optimization of their ,operations, solar, hydrogen or other clean energy production, peak shaving and backup power generation systems, variable speed drives, HVAC equipment/systems, and lighting. Current projects include: Piscataway WRRF mixer and blower system upgrades; Western Branch and Seneca WRRF aeration-based ammonia control, dewatering upgrades, and Potomac WFP and Seneca WRRF microgrids. Future projects under consideration include (but not limited to) Partial Denitrification Annamox (PdNA) treatment, Enhanced WRRF primary treatment / carbon diversion, and BioEnergy ammonia and phosphorous recovery.

JUSTIFICATION

Previous projects under this program were implemented through various energy service companies (ESCOs) and power purchase agreement (PPA) procurements. The current projects are moving forward as standalone projects implemented by WSSC Water. WSSC Water will continue to identify energy savings efforts and greenhouse gas reduction opportunities through the implementation of feasibility studies, energy projection calculations and methods developed as part of the program. Future projects will be validated by WSSC Water's Asset Management Program.

COST CHANGE

Not Applicable

OTHER

The project scope has expanded to include greenhouse gas reductions and clean energy initiatives. The schedule and expenditure projections shown in Block B above are a mix of preliminary planning, design, and construction level estimates and are expected to change based upon site conditions and design constraints. Costs for monitoring and verification are included in the Operating Budget. Portions of the program have been financed by low-interest loans through MDE's Water Infrastructure Financing Administration's Revolving Loan Fund Programs, as well as through MDE's Energy Water Infrastructure Program (EWIP). Various state and federal grant applications have been submitted for WSSC Water's projects including for the Potomac WFP Microgrid, Piscataway Blower Replacement, Advanced Aeration Control and Asset Health Monitoring / Pump Optimization.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; Prince George's County Government
Coordinating Projects: S - 000096.14 - Piscataway WRRF Facility Upgrades

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$5,565	
Total Cost	$5,565	
Impact on Water and Sewer Rate	$0.01	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'03
Date First Approved	FY'03
Initial Cost Estimate	
Cost Estimate Last FY	86,080
Present Cost Estimate	90,650
Approved Request Last FY	5,518
Total Expense & Encumbrances	
Approval Request Year 1	16,289

G. Status Information

Land Status	Public/Agency owned land
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Metering Infrastructure Upgrade

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000109.01		Add

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	37,385			37,385	2,200	3,870	4,560	5,040	15,015	6,700	
Land											
Construction	245,251			245,251	10,690	68,713	69,783	69,303	26,763		
Other											
Total	**282,636**			**282,636**	**12,890**	**72,583**	**74,343**	**74,343**	**41,778**	**6,700**	

C. Funding Schedule (000's)

WSSC Bonds	282,636			282,636	12,890	72,583	74,343	74,343	41,778	6,700	

D. Description & Justification

DESCRIPTION

This project provides for the planning, design, construction, and implementation of an upgraded metering infrastructure throughout the Washington Suburban Sanitary District (WSSD). This includes data and software integration with WSSC Water's various information technology (IT) systems. All WSSC Water's approximately 503,000 water meters will be replaced or retrofitted and will include new transmitter devices with internal antennas capable of obtaining and communicating the meter register readings. All readings will be collected remotely.

JUSTIFICATION

The expected useful life of a water meter is 15-20 years. More than half of WSSC Water's meters are more than 15 years old, indicating that most of the meters in the system are due for replacement. This expansion is required to obtain accurate register readings from a variety of water meter locations, including indoor, pit-set, and underground vault settings. This project is expected to provide a financial benefit to the system and an updated cost-benefit analysis is being prepared for the project.

The Metering Infrastructure Upgrade also allows for monthly billing based on actual meter reads, which will better align the billing process with household budgets, help customers stay current with their payments, and help customers develop a greater awareness of their water consumption; Dial Outbound AMR Trial Final Report, Metering Services, Inc. (1990); An Economic Evaluation of AMR for WSSC, Marilyn Harrington (1992); Cost of Meter Reading Study, Marilyn Harrington (2000); The WSSC Experience with Radio-Frequency AMR on Commercial & Industrial Meters (2002); Radio Frequency Solution for Meter Reading (2003); AMR Phase I (July 2005); Customer Care Team Departmental Action Item #20 - AMR Installation (2007); Advanced Metering Infrastructure Study, R.W. Beck (March 2011); 2020 AMI Cost-Benefit Analysis, Arcadis (October 2020).

COST CHANGE

Project costs have been updated to reflect current market prices for meters and transmitter devices.

OTHER

The present project scope was developed for the FY'27 CIP. 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. WSSC Water will pursue available state and federal funding opportunities for this project.

COORDINATION

Coordinating Agencies: Montgomery County Government; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$17,351	32
Total Cost	$17,351	32
Impact on Water and Sewer Rate	$0.03	32

F. Approval and Expenditure Data (000's)

Date First in Program	FY'27
Date First Approved	FY'27
Initial Cost Estimate	307,862
Cost Estimate Last FY	
Present Cost Estimate	282,636
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	12,890

G. Status Information

Land Status	Not Applicable
Project Phase	Planning
Percent Complete	0 %
Estimated Completion Date	June 2031

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	1,900,000
Capacity	

H. Map

MAP NOT AVAILABLE

Lead Reduction Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000109.02		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	33,893			33,893	8,500	6,709	5,844	5,942	4,704	2,194	
Land											
Construction	148,541		25,803	122,738	23,900	19,491	20,430	20,548	20,373	17,996	
Other	9,117		1,290	7,827	1,620	1,310	1,314	1,325	1,254	1,004	
Total	**191,551**		**27,093**	**164,458**	**34,020**	**27,510**	**27,588**	**27,815**	**26,331**	**21,194**	

C. Funding Schedule (000's)

WSSC Bonds	151,255		27,093	124,162	27,304	20,794	20,872	21,099	19,615	14,478	
State Aid	40,296			40,296	6,716	6,716	6,716	6,716	6,716	6,716	

D. Description & Justification

DESCRIPTION

This program provides for the implementation and execution of risk mitigation actions against lead in drinking water, with particular emphasis on the removal of all lead service lines (both public and private) and Galvanized Pipes Requiring replacement (GRR) on the private side as required by Federal and State regulations. Specifically, the program will include but not be limited to (1) material verification for all services with an unknown material type involving field investigations, customer surveys, and other methods approved by the State, (2) proactive replacement of all lead service lines and galvanized services requiring replacement, (3) measures to protect vulnerable population in schools and childcare facilities, and (4) development and execution of a comprehensive public outreach and education program. The program will prioritize all replacement work, however there is no Federal or State law requirement that WSSC Water pay for service line replacements on the private side. In the later phase of the program, the work will also identify, and implement as determined, voluntary measures beyond Lead and Copper Rule compliance, including but not limited to (1) continuing support for schools and childcare facilities beyond the mandated 5-year monitoring period, (2) replacement of lead connectors, and initiatives to identify and (3) support replacement of lead premise plumbing. These voluntary measures will lay groundwork for potential future revisions to the regulations and will align with Commission's role as a leader in public health stewardship.

JUSTIFICATION

The Lead and Copper Rule, originally promulgated in 1991 and subsequently revised in 2021, required the replacement of public and private lead service lines if certain action levels of lead in the water were exceeded in the home tap water. In 2024, improvements to the 2021 ruling introduced a mandatory requirement for 100% replacement regardless of lead levels.

Customers having lead service lines have the potential risk of lead exposure. Lead can be released when water comes in contact with pipes that contain lead. If present, elevated lead levels can cause health concerns, especially for pregnant women and young children. Reducing all lead service lines eliminates this potential exposure pathway and risks associated with lead consumption.

COST CHANGE

Program costs reflect the latest schedule and expenditure projections based on information available for the program.

OTHER

COORDINATION

Coordinating Agencies: Montgomery County Department of Environmental Protection; Montgomery County Government; Prince George's County Government
Coordinating Projects: W - 000001.00 - Water Reconstruction Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$9,286	
Total Cost	$9,286	
Impact on Water and Sewer Rate	$0.02	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'26
Date First Approved	
Initial Cost Estimate	205,000
Cost Estimate Last FY	103,590
Present Cost Estimate	191,551
Approved Request Last FY	33,600
Total Expense & Encumbrances	
Approval Request Year 1	34,020

G. Status Information

Land Status	
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	

Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

H. Map

MAP NOT AVAILABLE

Other Capital Programs

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000110.00		Change

PDF Date	March 1, 2026
Date Revised	March 1, 2025

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	65,839		9,240	56,599	6,533	9,149	9,636	9,975	10,653	10,653	
Land											
Construction	140,635		23,702	116,933	13,621	14,185	17,833	20,375	25,454	25,465	
Other	65,808		12,585	53,223	17,989	5,324	6,299	6,973	8,325	8,314	
Total	**272,282**		**45,527**	**226,755**	**38,143**	**28,658**	**33,768**	**37,323**	**44,432**	**44,432**	

C. Funding Schedule (000's)

WSSC Bonds	272,282		45,527	226,755	38,143	28,658	33,768	37,323	44,432	44,432	

D. Description & Justification

DESCRIPTION

Other Capital Programs (OCP) includes miscellaneous capital projects, programs, and expenditures for common, non-CIP, enterprise-wide activities such as relocations, new water and sewer house connections, paving, and general construction of local lines.

*EXPENDITURES FOR OTHER CAPITAL PROGRAMS ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

The OCP does not include proposed "major projects" which, by law, must be programmed in WSSC Water's Six-Year Capital Improvements Program (CIP) or projects to serve new development.

COST CHANGE

Not applicable.

OTHER

The OCP summarizes capital expenditures and allocated costs that are not already included in the CIP or in other Information Only projects. Expenditures for the budget year are estimated during the annual CIP update cycle each summer for the Proposed CIP document. The estimates will be revised and updated during the annual budget update cycle each fall for the Proposed Operating & Capital Budget document. Future years are Order of Magnitude estimates and are expected to change with each update cycle.

COORDINATION

Coordinating Agencies: Not Applicable
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$17,294	
Total Cost	$17,294	
Impact on Water and Sewer Rate	$0.03	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'21
Date First Approved	FY'21
Initial Cost Estimate	
Cost Estimate Last FY	495,540
Present Cost Estimate	272,282
Approved Request Last FY	61,712
Total Expense & Encumbrances	
Approval Request Year 1	38,143

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

PFAS Management Strategy

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000112.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	30,533		500	30,033	1,000	1,226	1,444	5,292	9,295	11,776	
Land											
Construction	253,142		2,500	250,642	5,000	12,190	15,048	36,120	64,708	117,576	
Other	14,185		150	14,035	300	671	825	2,071	3,700	6,468	
Total	**297,860**		**3,150**	**294,710**	**6,300**	**14,087**	**17,317**	**43,483**	**77,703**	**135,820**	

C. Funding Schedule (000's)

WSSC Bonds	297,860		3,150	294,710	6,300	14,087	17,317	43,483	77,703	135,820	

D. Description & Justification

DESCRIPTION

The US EPA finalized a National Primary Drinking Water Regulation for six per- and polyfluoroalkyl substances (PFAS) compounds in April 2024, effective June 2024. Public water systems have five years (2029) to comply with the new maximum contaminant levels (MCLs). Future limits are also expected for treated wastewater and biosolids. WSSC Water's approach to PFAS drinking water compliance is to pursue parallel efforts of source water protection to identify and advocate for reduction of watershed sources of PFAS, and drinking water treatment to remove PFAS that are present.

This program funds the planning, design, and construction of treatment for the removal of PFAS in drinking water. Regular monitoring of PFAS levels in Patuxent and Potomac treated drinking water have continued since 2020. Less PFAS have been detected in the Patuxent source water than the Potomac source water. For both source waters, levels are below PFAS MCLs and would be in compliance with the new regulation. However, future compliance is not guaranteed, due to factors such as vast numbers of potential and unknown sources of PFAS in the watershed, potential variability of PFAS levels in the source water, and the changing nature of water quality due to climate change.

The selection of PFAS treatment technology will consider: ability to improve reliability of compliance for PFAS and other regulated contaminants, treatment performance for aesthetic and emerging contaminants, space requirements, scalability for future expansion, ability to increase resilience to climate change and emergencies, operation and maintenance, safety, environmental sustainability, and affordability. Based on high treatment cost and current levels below the PFAS limits, the project will start by sizing a PFAS treatment system for a portion of the Potomac Water Filtration Plant's capacity, with the view to scale up treatment capacity if needed.

JUSTIFICATION

PFAS treatment is planned in order to maintain compliance into the future, which is challenged by factors such as incomplete understanding of watershed sources of PFAS, potential variability of PFAS levels in the Potomac River and Patuxent Reservoirs, the changing nature of water quality due to climate change, the potential for future regulation of other emerging contaminants. This project prepares WSSC Water to maintain a wider margin of compliance with drinking water regulations for PFAS and other existing contaminant limits. The treatment system will increase resilience to the potential impacts of climate change such as warming temperatures, increased algae blooms, and increased severity of drought and flood events. It will also better position WSSC Water to address modernization of the current water treatment facilities.

COST CHANGE

Not applicable.

OTHER

The present project scope was developed for the FY'27 CIP and has an estimated total cost of $297,860,000

COORDINATION

Coordinating Agencies: U.S. Environmental Protection Agency, Region III
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$18,286	33
Total Cost	$18,286	33
Impact on Water and Sewer Rate	$0.04	33

F. Approval and Expenditure Data (000's)

Date First in Program	FY'26
Date First Approved	FY'26
Initial Cost Estimate	256,500
Cost Estimate Last FY	256,500
Present Cost Estimate	297,860
Approved Request Last FY	
Total Expense & Encumbrances	
Approval Request Year 1	6,300

G. Status Information

Land Status	
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	June 2032

Growth	
System Improvement	
Environmental Regulation	100%
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Master Planning and Facilities Planning and Investment

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
A - 000113.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	66,987		16,500	50,487	14,500	6,772	4,180	3,780	9,295	11,960	
Land											
Construction											
Other	3,350		825	2,525	725	339	209	189	465	598	
Total	**70,337**		**17,325**	**53,012**	**15,225**	**7,111**	**4,389**	**3,969**	**9,760**	**12,558**	

C. Funding Schedule (000's)

WSSC Bonds	70,337		17,325	53,012	15,225	7,111	4,389	3,969	9,760	12,558	

D. Description & Justification

DESCRIPTION

This program provides for the development of Master Planning and Facility Planning and Investment. A 20-year system-wide Master Plan for the entire water system will be developed incorporating and expanding upon past and on-going work efforts within WSSC Water involving source water supply, storage, pumping, transmission and distribution, and water treatment needs. Additionally, a 20-year system-wide Master Plan for the entire wastewater system incorporating and expanding upon the past and on-going work efforts within WSSC Water involving pipe network and conveyance system, pumping facilities, wet weather storage, water resource recovery facilities and management of biosolids.

Subsequently, 10-year Facility Plans for each element of the water and wastewater systems will be developed as dynamic documents guided by the 20-year Water and Sewer Master Plans.

The goal of all Plans is to provide an infrastructure roadmap based on analyses of future capital investment needs necessary to meet service and regulatory mandates; protect the health and safety of customers, employees, and the environment; reduce business risk exposures; provide exceptional level of service while sustaining operational efficiency; enhance reliability, and resilience; maintain state of good repair of WSSC Water's assets and systems; implement WSSC Water's initiatives, plans and policies; and advance Prince George's and Montgomery counties' priorities. Diversity, equity, inclusion, and environmental justice are core elements of WSSC Water's infrastructure planning to ensure underprivileged communities' benefit from equitable infrastructure access and economic opportunities. Facilities Plans will proactively address contaminants of emerging concerns and increasingly stringent water quality and environmental regulations necessary to protect public health and promote stewardship of Potomac, Patuxent, and Chesapeake Bay Watersheds. Facilities Plans shall include approaches and investment needs essential to implement WSSC Water's Strategic Plan as well as support its vision of One Water and Smart Water.

This program includes annual updates to the water and sewer models and the execution of the recommendations from these plans for the necessary infrastructure investments.

JUSTIFICATION

Master and Facility Plans are required to take a holistic approach at both the system and facility level in a logical, systematic, financially, scheduling and executing the investments needed to sustain a reliable and resilient water and wastewater system to meet the needs of our customers today and well into the future.

Master and Facilities Plans shall result in prioritized list of new and aging infrastructure replacement, upgrade, and repair projects for inclusion in a 10-year Capital Improvement Program (CIP) to meet future needs while improving capital budget, cost predictability and affordability and maintaining a high level of customer satisfaction.

The Facilities Plans would serve as a guide to establish future rates and charges and pursue available funds and grants to implement the required projects. Facilities Plans will outline strategies to implement asset lifecycle management of new and existing assets including integration of new assets with operations and maintenance and decommissioning of existing end-of-life and replaced assets.

This program will lead to improvements in project packaging and sequencing and thus lower mobilization costs while enhancing the project delivery process.

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$4,318	
Total Cost	$4,318	
Impact on Water and Sewer Rate	$0.01	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'26
Date First Approved	FY'26
Initial Cost Estimate	325,000
Cost Estimate Last FY	325,000
Present Cost Estimate	70,337
Approved Request Last FY	35,000
Total Expense & Encumbrances	
Approval Request Year 1	15,225

G. Status Information

Land Status	
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

COST CHANGE

Program Costs reflect the latest schedule and expenditure projects based on information available for the program. Individual program and project costs will be refined as the master/facility plans are developed.

OTHER

COORDINATION

Coordinating Projects: Not Applicable

Sewer Reconstruction Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000001.01		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	29,772		5,163	24,609	3,480	4,020	4,121	4,222	4,329	4,437	
Land											
Construction	501,244		79,402	421,842	95,691	62,049	63,601	65,189	66,821	68,491	
Other	79,652		12,685	66,967	14,875	9,910	10,158	10,412	10,673	10,939	
Total	**610,668**		**97,250**	**513,418**	**114,046**	**75,979**	**77,880**	**79,823**	**81,823**	**83,867**	

C. Funding Schedule (000's)

WSSC Bonds	303,822		27,162	276,660	14,876	18,391	57,880	59,823	61,823	63,867	
State Aid	306,846		70,088	236,758	99,170	57,588	20,000	20,000	20,000	20,000	

D. Description & Justification

DESCRIPTION

This program provides for comprehensive sewer system rehabilitation in residential areas of sewer mains less than 15-inches in diameter and sewer house connections, addressing infiltration and inflow control, and exposed pipe problems. This program does not include any major capital projects (e.g. CIP size relief or replacement sewers). These are funded separately in the CIP.

*EXPENDITURES FOR SEWER RECONSTRUCTION ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

The projected work units and expenditure goals for FY'27 are as follows: 62.5 miles of main and lateral design & construction; sewer house connection renewals - $5.3M; enhanced grouting; emergency repairs - $2.4M. Note: The specific mix and type of sewer reconstruction may vary in any given year depending on identified system defects. Projections are based on historical experience with regards to timing of design and construction work and availability of authorized contractors.

Comprehensive Basin Studies, Sewer System Evaluation Surveys, Line Blockage Assessments, field surveys, closed-circuit TV inspections, and/or other activities investigating specific portions of the collection system. Annual Buried Wastewater Assets System Asset Management Plan. FY'25 Enterprise Asset Management Plan (May 2023).

COST CHANGE

Program costs reflect the latest schedule and expenditure estimates based upon the current plan for the completion of Phase 2 (Priority 2 and Priority 3) Consent Decree work and the recommendations from the Buried Wastewater Assets System Asset Management Plan.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above reflect the terms of the Sanitary Sewer Overflow Consent Decree between WSSC Water, Maryland Department of the Environment (MDE), and the EPA, entered into on December 7, 2005. WSSC Water has applied for low interest loans and grant funding through MDE's Water Infrastructure Financing Administration's Water Quality Revolving Loan Fund Program and grant funding from MDE's Bay Restoration Fund for portions of this program. The sewer reconstruction program was established in 1979. Some expenditures for grouting repairs are included in the Operating Budget. The following work accomplishments through FY'25 summarize the magnitude of this reconstruction effort: sewer main reconstruction, 660 miles; and sewer house connection renewals, 25,525. It is anticipated that sewer reconstruction activity will be a perpetual element of future work programs.

COORDINATION

Coordinating Agencies: Local Community Civic Associations; Maryland Department of the Environment; Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Environmental Protection Agency, Region III
Coordinating Projects: S - 000001.02 - High Inflow and Infiltration Basin Rehabilitation; S - 000170.09 - Trunk Sewer Reconstruction Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$18,652	
Total Cost	$18,652	
Impact on Water and Sewer Rate	$0.03	

F. Approval and Expenditure Data (000's)

Date First in Program	
Date First Approved	
Initial Cost Estimate	
Cost Estimate Last FY	534,990
Present Cost Estimate	610,668
Approved Request Last FY	73,569
Total Expense & Encumbrances	
Approval Request Year 1	114,046

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

High Inflow and Infiltration Basin Rehabilitation

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
S - 000001.02		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	Bi-County 30
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision											
Land											
Construction	8,763			8,763	461	922	1,845	1,845	1,845	1,845	
Other	1,315			1,315	69	138	277	277	277	277	
Total	**10,078**			**10,078**	**530**	**1,060**	**2,122**	**2,122**	**2,122**	**2,122**	

C. Funding Schedule (000's)

WSSC Bonds	10,078			10,078	530	1,060	2,122	2,122	2,122	2,122	

D. Description & Justification

DESCRIPTION

This program aims to build upon the two existing sewer reconstruction programs (S-1.01 and S-170.09) by bridging the resources of the Pipeline Design Division, Utility Services, Planning, Production, and Asset Management together to provide an efficient and rapid response directed at addressing and better tracking the replacement and rehabilitation of critically aging and failing sewer system infrastructure posing a significant business risk to WSSC Water. The program is a focus driven approach employed to target sewer basins experiencing high Inflow/Infiltration (I/I) and alternative options for handling high (I/I) at facilities. The program prioritizes the planning, design, permitting, and construction processes to significantly reduce the extensive delivery times experienced under the two existing programs for mains of all sizes, sewer house connections and manholes, as well as, identifying and implementing alternative options to managing high (I/I).

JUSTIFICATION

Some sewer basins are experiencing high Inflow and Infiltration (I/I) that is putting a strain on treatment facilities during high rain events. The frequency of high flows has increased due to more frequent intense stores in the sewer basin. There is a need implement a holistic approach to reduction and management of this I/I through the sewer collection and at facilities to reduce the peak flows at the facilities.

COST CHANGE

OTHER

COORDINATION

Coordinating Agencies: Local Community Civic Associations; Maryland Department of the Environment; Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement; U.S. Environmental Protection Agency, Region III
Coordinating Projects: S - 000001.01 - Sewer Reconstruction Program; S - 000170.09 - Trunk Sewer Reconstruction Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$619	
Total Cost	$619	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'26
Date First Approved	
Initial Cost Estimate	9,500
Cost Estimate Last FY	9,500
Present Cost Estimate	10,078
Approved Request Last FY	500
Total Expense & Encumbrances	
Approval Request Year 1	530

G. Status Information

Land Status	
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Water Reconstruction Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000001.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Bi-County
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	93,166		9,649	83,517	9,835	14,030	14,364	14,725	15,092	15,471	
Land											
Construction	472,218		62,436	409,782	49,299	69,366	70,109	71,859	73,655	75,494	
Other	84,806		10,813	73,993	8,866	12,510	12,672	12,987	13,312	13,646	
Total	**650,190**		**82,898**	**567,292**	**68,000**	**95,906**	**97,145**	**99,571**	**102,059**	**104,611**	

C. Funding Schedule (000's)

WSSC Bonds	636,190		80,898	555,292	66,000	93,906	95,145	97,571	100,059	102,611	
State Aid	14,000		2,000	12,000	2,000	2,000	2,000	2,000	2,000	2,000	

D. Description & Justification

DESCRIPTION

The purpose of this program is to renew and extend the useful life of water mains, house connections, and large water services. Portions of the water system are more than 80 years old. Bare cast iron mains, installed generally before 1965, permit the build-up of tuberculation which can reduce flow and cause discoloration at the customer's tap. Selected replacement is necessary to supply water in sufficient quantity, quality, and pressure for domestic use and firefighting. As the system ages, water main breaks are increasing. Selected mains are chronically breaking, and other mains are undersized for the current flow standards. Replacement and the addition of cathodic protection to these mains provides added value to the customer. Galvanized, copper, and cast-iron water mains, as well as all other water main appurtenances including meter and PRV vaults are replaced on an as needed basis when they have exceeded their useful life.

*EXPENDITURES FOR WATER RECONSTRUCTION ARE EXPECTED TO CONTINUE INDEFINITELY.

JUSTIFICATION

The program's projected work units and/or expenditures for FY' 2027 are as follows: design and construction of main replacement and associated water house connection renewals, 35 miles; cathodic protection - $.21M; design and construction of large water service replacements - $5.5M; emergency contracts at depots - $5.58M; pipe armoring - $0.59M. Note: The specific mix and type of water main reconstruction may vary in any given year depending on the nature and priority of the work to be addressed. The program level may be adjusted in future years based upon the results of the Asset Management Program. Based upon the prioritization and recommendations of the Asset Management Program, the number of miles of water main replacement will strategically increase through FY 2035. This will enhance WSSC Water breaks and leaks level of service goal.

Flow studies, water system modeling, and field surveys are routinely conducted. The annual Buried Water Assets System Asset Management Plan identifies the business risk exposure of the water distribution system. FY 2025 Enterprise Asset Management Plan (May 2023).

COST CHANGE

Program costs reflect the latest expenditure and schedule estimates based on the recommendations from the FY 2025 Enterprise Asset Management Plan (May 2023).

OTHER

The water reconstruction program has been ongoing since 1979. Funding in the six-year program period is subject to Spending Affordability Guideline limits. WSSC Water has applied for low interest loans and grant funding for this program through MDE's Water Infrastructure Financing Administration's Drinking Water Revolving Loan Fund Program. The following work accomplishments through FY 2022 summarize the magnitude of the reconstruction effort: 2,012 miles rehabilitated or replaced; 378 large water service/meters replaced. It is anticipated water reconstruction activity will be a perpetual element of future work programs.

COORDINATION

Coordinating Agencies: Local Community Civic Associations; Maryland Department of the Environment; Maryland State Highway Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; Prince George's County Government; Prince

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$39,057	
Total Cost	$39,057	
Impact on Water and Sewer Rate	$0.08	

F. Approval and Expenditure Data (000's)

Date First in Program	
Date First Approved	
Initial Cost Estimate	
Cost Estimate Last FY	1,066,093
Present Cost Estimate	650,190
Approved Request Last FY	109,241
Total Expense & Encumbrances	
Approval Request Year 1	68,000

G. Status Information

Land Status	Not Applicable
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: A - 000109.02 - Lead Reduction Program; W - 000161.01 - Large Diameter Water Pipe & Large Valve Rehabilitation Program

Water Storage Facility Rehabilitation Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000105.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	Bi-County
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	10,720		4,490	6,230	3,270	2,180	780				
Land											
Construction	57,240		17,395	39,545	23,395	8,950	6,300	300	300	300	300
Other	6,797		2,189	4,578	2,667	1,113	708	30	30	30	30
Total	**74,757**		**24,074**	**50,353**	**29,332**	**12,243**	**7,788**	**330**	**330**	**330**	**330**

C. Funding Schedule (000's)

WSSC Bonds	74,757		24,074	50,353	29,332	12,243	7,788	330	330	330	330

D. Description & Justification

DESCRIPTION

The Water Storage Facility Rehabilitation Program provides for the comprehensive rehabilitation of WSSC Water's more than 60 water storage facilities located throughout the WSSC Water service area, holding over 200 million gallons of finished drinking water. The program provides for structural metal and concrete foundation repairs, equipment upgrades to meet current OSHA standards, lead paint removal, security upgrades, advanced mixing systems to improve water quality, and altitude valve vault and supply pipe replacements.

BENEFIT

Infrastructure Reinvestment: This project replaces existing infrastructure that has exceeded its useful life; Water Quality: This project supports WSSC Water's mission to provide safe, clean water by improving the quality and/or safety of drinking water; Employee Safety: This project includes components that help protect the health and safety of employees

JUSTIFICATION

Currently, there are more than 20 steel tanks whose last painting contract was finished 10 or more years ago. Many older tanks have accumulated significant layers of paint which have lost their bonding strength to the steel. Old coatings will be completely removed and costly lead abatement techniques will be required in many cases. The recommended practice is to do this extra work every third re-coating to extend the service life of the structure. Modern coating systems should extend the length of service between coatings from the current 10 years to somewhere between 15 to 20 years.

COST CHANGE

Program costs reflect the latest schedule and expenditure projections based on the plan for the water storage facilities currently included in the program.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of planning, design, and construction level estimates and are expected to change based upon site conditions and design constraints. Tanks are prioritized based on the condition of the existing coating and structural integrity issues. The program plan for FY'27 will include the following water storage facilities: North Woodside Standpipe, Pointer Ridge Elevated Tank, Greenbelt Standpipe, Andrews Elevated Tank, Wall Lane Standpipe, Brink Elevated Tank, Bradley Hills 1 and 2, and Cedar Heights Reservoir.

COORDINATION

Coordinating Agencies: Maryland Department of the Environment; Montgomery County Government; Prince George's County Government
Coordinating Projects: Not Applicable

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$4,589	
Total Cost	$4,589	
Impact on Water and Sewer Rate	$0.01	

F. Approval and Expenditure Data (000's)

Date First in Program	FY'09
Date First Approved	FY'09
Initial Cost Estimate	
Cost Estimate Last FY	75,067
Present Cost Estimate	74,757
Approved Request Last FY	23,044
Total Expense & Encumbrances	
Approval Request Year 1	29,332

G. Status Information

Land Status	Public/Agency owned land
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE

Specialty Valve Vault Rehabilitation Program

A. Identification and Coding Information		
Agency Number	Project Number	Update Code
W - 000107.00		Change

PDF Date	October 1, 2025
Date Revised	

Pressure Zones	
Drainage Basins	
Planning Areas	Bi-County

B. Expenditure Schedule (000's)

Cost Elements	Total	Thru FY'25	Estimate FY'26	Total 6 Years	Year 1 FY'27	Year 2 FY'28	Year 3 FY'29	Year 4 FY'30	Year 5 FY'31	Year 6 FY'32	Beyond 6 Years
Planning, Design & Supervision	1,717	121	169	1,427	332	498	366	111	98	22	
Land											
Construction	28,609	805	519	27,285	7,511	10,310	7,563	369	903	629	
Other	4,409		103	4,306	1,176	1,621	1,189	72	150	98	
Total	**34,735**	**926**	**791**	**33,018**	**9,019**	**12,429**	**9,118**	**552**	**1,151**	**749**	

C. Funding Schedule (000's)

WSSC Bonds	34,735	926	791	33,018	9,019	12,429	9,118	552	1,151	749	

D. Description & Justification

DESCRIPTION

This program provides for the planning, design, and construction of improvements and replacement of specialty valves and their associated vaults throughout the water distribution system, including pressure reducing valves, pressure relief valves, and altitude and metering valves. The program includes valves ranging in size from 8-inches to 60-inches in diameter. The program will systematically evaluate the condition of individual installations, some of which were constructed as early as the 1930s, and upgrade or relocate the structures and equipment as necessary. This program will improve reliability and increase the efficiency of system operations.

JUSTIFICATION

The facilities included in this program are in need of rehabilitation due to factors such as: location within heavily traveled roadways, age deterioration, obsolescence, and operational improvements. Candidate PRVs were originally identified in an October 26, 2005 memo from Jeff Asner to Karen Wright and a subsequent May 7, 2007 memo from Karen Wright to Thomas Heikkinen. Originally, there were 23 candidate vaults within this program, as identified by the Systems Control Group; PRV Vault Rehabilitation Evaluation Study, EBA Engineering, Inc. (September 2010). Additional valves and vaults were recommended as part of WSSC Water's Asset Management Program; 290B Business Case Report (January 2016); CNPV #244 Central Avenue Water Pumping Station Valve Vaults Replacement (June 2022).

COST CHANGE

Program costs reflect the latest schedule and expenditure projections based on the plan for the valves and vaults currently included in the program.

OTHER

The project scope has remained the same. The schedule and expenditure projections shown in Block B above are a mix of planning, design, and construction level estimates and are expected to change based upon site conditions and design constraints. Additional vaults may be added to or removed from the program based upon recommendations from WSSC Water's Asset Management Program. Future land and rights-of-way costs are included in project W-202.00.

COORDINATION

Coordinating Agencies: Maryland State Highway Administration; Maryland Water Management Administration; Montgomery County Department of Public Works and Transportation; Montgomery County Government; Prince George's County Government; Prince George's County Department of Permitting Inspection and Enforcement
Coordinating Projects: W - 000161.01 - Large Diameter Water Pipe & Large Valve Rehabilitation Program

E. Annual Operating Budget Impact (000's)		FY of Impact
Staff & Other		
Maintenance		
Debt Service	$2,132	
Total Cost	$2,132	
Impact on Water and Sewer Rate		

F. Approval and Expenditure Data (000's)

Date First in Program	FY'11
Date First Approved	FY'11
Initial Cost Estimate	17,560
Cost Estimate Last FY	32,831
Present Cost Estimate	34,735
Approved Request Last FY	10,978
Total Expense & Encumbrances	926
Approval Request Year 1	9,019

G. Status Information

Land Status	Land and R/W to be acquired
Project Phase	On-Going
Percent Complete	0 %
Estimated Completion Date	On-Going

Growth	
System Improvement	100%
Environmental Regulation	
Population Served	
Capacity	

H. Map

MAP NOT APPLICABLE