Resolution No:	20-1138
Introduced:	May 21, 2026
Adopted:	May 21, 2026

COUNTY COUNCIL
FOR MONTGOMERY COUNTY, MARYLAND

Lead Sponsor: County Council

SUBJECT: Approval of the FY 2027-2032 Capital Improvements Program for the Washington Suburban Sanitary Commission

Background

1. As required by Section 23-304 of the Public Utilities Article of the Maryland Code, before October 1 of each year, the Washington Suburban Sanitary Commission (Commission) must prepare and submit to the County Executive and County Council of Montgomery County a 6-year Capital Improvements Program (CIP) for water and sewer facilities.

2. On September 24, 2025, the Commission transmitted its Proposed FY 2027-2032 CIP and Information Only projects.

3. On January 15, 2026, the Executive transmitted to the Council the Executive's recommendations regarding the Commission's Proposed FY 2027-2032 CIP and Information Only projects.

4. On February 23, 2026, the Commission transmitted a mid-cycle update to its Proposed FY 2027-2032 CIP and Information Only projects.

5. Section 23-306 of the Public Utilities Article of the Maryland Code authorizes the Council to approve, disapprove, or modify the Commission's proposed CIP.

6. Section 23-305 of the Public Utilities Article of the Maryland Code requires that before final action on the Commission's CIP is taken, public hearings must be held on the Program. The Council held public hearings on the Commission's Proposed FY 2027-2032 CIP and Information Only projects on February 9 and 10, 2026.

7. The Council considered the recommendations of the Executive and the Montgomery County Planning Board regarding the Commission's Proposed FY 2027-2032 CIP and Information Only projects, and the Council reviewed the project description forms.

8. The Council recognizes that the information and documentation contained in the Commission's Proposed FY 2027-2032 CIP are an integral part of the Comprehensive

Water Supply and Sewerage Systems Plan, which must be submitted to the State Department of the Environment in accordance with Section 9-501 *et seq*. of the Environment Article of the Maryland Code.

9. On May 14, 2026, the Montgomery County and Prince George's County Councils jointly reviewed and approved the Commission's Proposed FY 2027-2032 CIP and Information Only projects with changes.

Action

The County Council for Montgomery County, Maryland approves the following resolution:

1. The Council approves the Washington Suburban Sanitary Commission's Proposed FY 2027-2032 CIP and Information Only projects as transmitted on September 24, 2025, except those projects which are approved as modified by the Montgomery and Prince George's County Councils. Amended project description forms are attached to this resolution and are identified by the following project numbers:

   A-110.00 - Other Capital Programs
   S-22.06 Blue Plains WWTP: Liquid Train Projects
   S-22.07 Blue Plains WWTP: Biosolids Management, Part 2
   S-22.09 Blue Plains WWTP: Plant-wide Projects
   S-22.11 Blue Plains Pipelines and Appurtenances

2. The Council approves the close out of the projects listed in the attached Part I.

This is a correct copy of Council action.

Sara R. Tenenbaum
Clerk of the Council

PART I: Washington Suburban Sanitary Commission Capital Projects To Be Closed Out

The Washington Suburban Sanitary Commission has authorized the close out of the following capital projects

Project Number	Project Name
P382102	Shady Grove Neighborhood Center
P382101	Regional Water Supply Resiliency
P382201	Pleasant's Property Water Main Extension

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	

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

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	March 1, 2026
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 AVAILABLE

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	March 1, 2026
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); Bio-solids 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 AVAILABLE

Blue Plains WWTP: Plant-wide Projects

A. Identification and Coding Information

Agency Number	Project Number	Update Code
S - 000022.09	023805	Change

PDF Date	March 1, 2026
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 AVAILABLE

Blue Plains: Pipelines & Appurtenances

A. Identification and Coding Information

Agency Number	Project Number	Update Code
S - 000022.11	113804	Change

PDF Date	March 1, 2026
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 AVAILABLE