

Wastewater

<u>Project Title</u>	<u>Page</u>	<u>Project Title</u>	<u>Page</u>
Agreements W/Developers	431	SPS Fac Gen Replace	395
Annapolis WRF Upgrade	397	State Hwy Reloc-Sewer	413
Balto City Sewer Agrmnt	419	Upgr/Retrofit SPS	387
Balto. County Sewer Agreeme	383	Wastewater Strategic Plan	385
BioPhosphorous Treatment Re	430	WRF Aeration System Imprv	408
Biosolids Facility	406	WRF Infrastr Up/Retro	392
Broadneck Clarifier Rehab	422	WW Project Planning	412
Broadneck WRF Upgrd	389	WW Service Connections	411
Broadwater Ops Bldg Addition	425	WW System Security	393
Broadwater WRF Blower Bldg	429		
Broadwater WRF Grit Sys Repl	428		
Cattail Creek FM Replacement	400		
Central Sanitation Facility	386		
Chesapeake Bch WWTP	394		
Chg Against WW Clsd Projects	415		
Cinder Cove FM Rehab	396		
Cox Creek Grit System Improv.	424		
Cox Creek Permeate Piping M	402		
Cox Creek Septage Fac Impro	407		
Cox Creek WRF ENR	391		
Cox Creek WRF Non-ENR	420		
Crofton Sewer Pumping Statio	423		
Dewatering Facilities	416		
Fac Abandonment WW2	388		
Grease/Grit Facility	417		
Grinder Pump Repl/Upgrd Prg	401		
Heritage Harbor Swr Takeover	398		
Managed Aquifer Recharge	404		
Maryland City WRF Exp	421		
Mayo Collection Sys Upgrade	390		
Mayo Tank Replacement	409		
Mayo WRF Expans	384		
MD City SPS Upgrade	426		
Minor System Upgrades	405		
OPS Compl Solar Panels-Sew	427		
Patuxent Clarifier Rehab	403		
Piney Orchard SPS & FM	399		
Routine Sewer Extensions	414		
Sewer Main Repl/Recon	410		
Sewer Proj Mgmt	418		

Capital Budget and Program

Anne Arundel County, Maryland

Project Listing By Class

FY2025 County Executive Proposed

Project	Project Title	Total	Prior Apprvd.	6 Yr Total	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Project Class: Wastewater										
S647500	Balto. County Sewer Agreement	40,332,646	24,842,646	15,490,000	1,063,000	6,469,000	3,692,000	2,966,000	650,000	650,000
S769700	Mayo WRF Expans	31,898,351	30,497,351	1,401,000	1,401,000	0	0	0	0	0
S776700	Wastewater Strategic Plan	5,178,590	3,778,590	1,400,000	650,000	150,000	150,000	150,000	150,000	150,000
S777200	Central Sanitation Facility	8,177,614	6,881,614	1,296,000	1,296,000	0	0	0	0	0
S791800	Upgr/Retrofit SPS	198,173,949	64,973,949	133,200,000	22,200,000	22,200,000	22,200,000	22,200,000	22,200,000	22,200,000
S792700	Fac Abandonment WW2	4,783,880	3,321,880	1,462,000	100,000	1,362,000	0	0	0	0
S797900	Broadneck WRF Upgrd	15,334,364	4,001,364	11,333,000	11,333,000	0	0	0	0	0
S799200	Mayo Collection Sys Upgrade	34,540,180	17,782,180	16,758,000	3,137,000	8,756,000	4,865,000	0	0	0
S802200	Cox Creek WRF ENR	2,182,517	2,036,517	146,000	146,000	0	0	0	0	0
S802300	WRF Infrastr Up/Retro	43,171,479	12,617,479	30,554,000	8,815,000	14,239,000	2,000,000	2,000,000	2,000,000	1,500,000
S804600	WW System Security	1,946,928	1,446,928	500,000	500,000	0	0	0	0	0
S806000	Chesapeake Bch WWTP	2,773,000	2,018,000	755,000	85,000	270,000	230,000	20,000	150,000	0
S806200	SPS Fac Gen Replace	34,116,094	15,616,094	18,500,000	3,500,000	3,000,000	3,000,000	3,000,000	3,000,000	3,000,000
S806700	Cinder Cove FM Rehab	14,508,000	12,499,000	2,009,000	2,009,000	0	0	0	0	0
S807300	Annapolis WRF Upgrade	45,390,000	33,357,000	12,033,000	12,033,000	0	0	0	0	0
S807500	Heritage Harbor Swr Takeover	1,832,000	1,791,000	41,000	41,000	0	0	0	0	0
S807600	Piney Orchard SPS & FM	33,446,102	20,053,102	13,393,000	0	13,393,000	0	0	0	0
S808100	Cattail Creek FM Replacement	38,820,000	34,262,000	4,558,000	4,558,000	0	0	0	0	0
S808200	Grinder Pump Repl/Upgrd Prgm	6,990,000	3,690,000	3,300,000	800,000	500,000	500,000	500,000	500,000	500,000
S809400	Cox Creek Permeate Piping Modi	7,078,000	2,584,000	4,494,000	4,494,000	0	0	0	0	0
S809500	Patuxent Clarifier Rehab	8,876,000	8,439,000	437,000	437,000	0	0	0	0	0
S810000	Managed Aquifer Recharge	47,379,000	7,011,000	40,368,000	0	5,325,000	7,043,000	27,901,000	99,000	0
S810100	Minor System Upgrades	56,838,000	2,599,000	54,239,000	1,702,000	12,786,000	28,066,000	11,685,000	0	0
S810200	Biosolids Facility	132,290,000	5,000,000	127,290,000	11,987,000	28,641,000	86,662,000	0	0	0
S810300	Cox Creek Septage Fac Improve	7,807,000	3,595,000	4,212,000	0	4,212,000	0	0	0	0
S810600	WRF Aeration System Imprv	39,658,000	0	39,658,000	5,715,000	0	33,943,000	0	0	0
S810700	Mayo Tank Replacement	25,445,000	0	25,445,000	2,500,000	4,589,000	4,589,000	4,589,000	4,589,000	4,589,000
X738800	Sewer Main Repl/Recon	196,064,106	76,064,106	120,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000
X741200	WW Service Connections	6,279,537	3,114,537	3,165,000	0	396,000	396,000	791,000	791,000	791,000
X764200	WW Project Planning	33,021,557	22,781,557	10,240,000	0	1,539,000	3,700,000	2,316,000	2,185,000	500,000
X800000	State Hwy Reloc-Sewer	35,085,606	4,782,606	30,303,000	7,733,000	12,300,000	9,370,000	300,000	300,000	300,000
Z533200	Routine Sewer Extensions	3,733,990	970,990	2,763,000	109,000	802,000	463,000	463,000	463,000	463,000
S741300	Chg Against WW Clsd Projects	424,075	424,075	0	0	0	0	0	0	0
S800600	Dewatering Facilities	14,516,118	14,516,118	0	0	0	0	0	0	0
S802500	Grease/Grit Facility	7,819,000	7,819,000	0	0	0	0	0	0	0

Capital Budget and Program

Anne Arundel County, Maryland

Project Listing By Class

FY2025 County Executive Proposed

Project	Project Title	Total	Prior Apprvd.	6 Yr Total	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
S802800	Sewer Proj Mgmt	4,000,000	4,000,000	0	0	0	0	0	0	0
S804400	Balto City Sewer Agrmnt	4,985,000	4,985,000	0	0	0	0	0	0	0
S806100	Cox Creek WRF Non-ENR	2,143,095	2,143,095	0	0	0	0	0	0	0
S806600	Maryland City WRF Exp	44,737,600	44,737,600	0	0	0	0	0	0	0
S807400	Broadneck Clarifier Rehab	7,509,140	7,509,140	0	0	0	0	0	0	0
S807900	Crofton Sewer Pumping Station	6,167,000	6,167,000	0	0	0	0	0	0	0
S808000	Cox Creek Grit System Improv.	6,806,790	6,806,790	0	0	0	0	0	0	0
S808300	Broadwater Ops Bldg Addition	2,788,000	2,788,000	0	0	0	0	0	0	0
S808400	MD City SPS Upgrade	3,985,000	3,985,000	0	0	0	0	0	0	0
S808600	OPS Compl Solar Panels-Sewer	2,963,000	2,963,000	0	0	0	0	0	0	0
S809000	Broadwater WRF Grit Sys Repl.	7,798,000	7,798,000	0	0	0	0	0	0	0
S809300	Broadwater WRF Blower Bldg Upg	2,852,000	2,852,000	0	0	0	0	0	0	0
S809900	BioPhosphorous Treatment Remo	400,000	400,000	0	0	0	0	0	0	0
X749000	Agreements W/Developers	2,363,287	2,363,287	0	0	0	0	0	0	0
Total Wastewater		\$1,285,408,598	\$554,665,598	\$730,743,000	\$128,344,000	\$160,929,000	\$230,869,000	\$98,881,000	\$57,077,000	\$54,643,000

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail

FY2025 County Executive Proposed

	Total	Prior	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030
Project Clas Wastewater								
Bonds								
Water Bonds	\$75,266	\$75,266	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater Bonds	1,063,921,634	\$440,551,534	114,514,000	136,762,900	197,489,600	\$79,290,600	\$48,531,000	\$46,782,000
Bonds	1,063,996,900	\$440,626,800	114,514,000	136,762,900	197,489,600	\$79,290,600	\$48,531,000	\$46,782,000
PayGo								
WasteWater PayGo	\$83,287,341	\$45,387,341	\$2,670,000	\$5,589,000	\$6,810,000	\$7,926,000	\$7,795,000	\$7,110,000
Water PayGo	\$3,729,170	\$764,170	\$0	\$356,000	\$356,000	\$751,000	\$751,000	\$751,000
PayGo	\$87,016,511	\$46,151,511	\$2,670,000	\$5,945,000	\$7,166,000	\$8,677,000	\$8,546,000	\$7,861,000
Grants & Aid								
ARP Grant	\$8,780,000	\$8,480,000	\$300,000	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$83,688,800	\$29,893,000	\$3,900,000	\$16,894,200	\$23,300,800	\$9,700,800	\$0	\$0
Grants & Aid	\$92,468,800	\$38,373,000	\$4,200,000	\$16,894,200	\$23,300,800	\$9,700,800	\$0	\$0
Other								
Developer Contribution	\$2,363,287	\$2,363,287	\$0	\$0	\$0	\$0	\$0	\$0
Other Funding Sources	\$5,602,100	\$150,000	\$0	\$1,326,900	\$2,912,600	\$1,212,600	\$0	\$0
Project Reimbursement	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Bond Premium	\$29,961,000	\$23,001,000	\$6,960,000	\$0	\$0	\$0	\$0	\$0
User Connections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$41,926,387	\$29,514,287	\$6,960,000	\$1,326,900	\$2,912,600	\$1,212,600	\$0	\$0
Wastewater	1,285,408,598	\$554,665,598	128,344,000	160,929,000	230,869,000	\$98,881,000	\$57,077,000	\$54,643,000

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S647500 Balto. County Sewer Agreement

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds have been approved for construction of improvements to Baltimore City's Patapsco Wastewater Treatment Plant and connecting interceptors. Approved funding is Anne Arundel County's apportioned share of the costs, which will be contributed under agreement to Baltimore County, which in turn maintains a similar agreement with Baltimore City. Improvements are managed and executed by the City of Baltimore in accordance with needs identified by the City.

Benefit

Compliance with Agreement with Baltimore County.

Financial Information

Initial Total Cost Est: \$427,000
Year First Apprvd: 1976
Est. Operating Budget Impact: None

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

1. Change in Name or Description:
2. Change in Total Project Cost: Increased based on current estimates
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$17,047,391		
04/01/24	\$17,047,391		

Amendment History

Removed \$3,400,000 via AMD #40 to Bill 46-13. Removed \$800k via AMD #66 to Bill 36-17.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$522,369	\$522,369	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$7,717,697	\$7,717,697	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$305,763	\$305,763	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$31,786,818	\$16,296,818	\$1,063,000	\$6,469	\$3,692	\$2,966	\$650	\$650	\$15,490	\$0
Proposed:	\$40,332,646	\$24,842,646	\$1,063,000	\$6,469	\$3,692	\$2,966	\$650	\$650	\$15,490	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$38,509,646	\$23,019,646	\$1,063,000	\$6,469	\$3,692	\$2,966	\$650	\$650	\$15,490	\$0
WasteWater PayGo	\$1,823,000	\$1,823,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$40,332,646	\$24,842,646	\$1,063,000	\$6,469	\$3,692	\$2,966	\$650	\$650	\$15,490	\$0
<i>More (Less) Than FY24 Approv</i>										
<i>≈ 000's</i>			(\$1,983,000)	\$5,819	\$622	\$2,316	\$0	\$650	\$7,424	

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S769700 Mayo WRF Expans

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is to design, acquire right of ways and construct a force main from the Mayo WRF site to the Annapolis WRF; construct upgrades to the Mayo Influent SPS and the Glebe Heights SPS; and a new force main from Glebe Heights SPS to the Mayo Influent SPS. When completed wastewater will be treated to ENR standards at the Annapolis WRF. The Mayo and Glebe Heights treatment processes will be abandoned and decommissioned.

Project scope is amended to allow rehabilitation of existing plant treatment components to continue reliable operation of plant until MDE permit issues are resolved and construction of new facility is complete.

Benefit

To upgrade the plant to increase operational efficiency and increase capacity to meet planned development demands.

Financial Information

Initial Total Cost Est: \$2,581,000
Year First Apprvd: 1994
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning, Design, ROW, Construction, Performance
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope None
4. Change in Timing: Construction in FY25

As of:	Expended	Encumbered	Total
04/01/23	\$29,024,503	\$378,523	\$29,403,026
04/01/24	\$29,201,854	\$603,585	\$29,805,439

Amendment History

CC switched funding sources via AMD #24 to Bill 36-17.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$5,253,669	\$5,253,669	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$747,000	\$747,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$24,467,812	\$23,145,812	\$1,322,000	\$0	\$0	\$0	\$0	\$0	\$1,322	\$0
Overhead	\$1,429,870	\$1,350,870	\$79,000	\$0	\$0	\$0	\$0	\$0	\$79	\$0
Proposed:	\$31,898,351	\$30,497,351	\$1,401,000	\$0	\$0	\$0	\$0	\$0	\$1,401	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$20,246,351	\$18,845,351	\$1,401,000	\$0	\$0	\$0	\$0	\$0	\$1,401	\$0
Other State Grants	\$11,652,000	\$11,652,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$31,898,351	\$30,497,351	\$1,401,000	\$0	\$0	\$0	\$0	\$0	\$1,401	\$0
<i>More (Less) Than FY24 Approv</i>			\$1,401,000	\$0	\$0	\$0	\$0	\$0	\$1,401	
<i>~ = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S776700 Wastewater Strategic Plan

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This is to fund the development of Sewer Strategic Plans to achieve orderly programming and construction of sewerage facilities and to update the master plan. Work will include development of a biosolids strategic plan to manage wastewater residuals.

Benefit

Orderly programming for construction of sewerage facilities and compliance with Federal and State requirements. Reliable planning documents.

Financial Information

Initial Total Cost Est: \$300,000
 Year First Apprvd: 1996
 Est. Operating Budget Impact: None

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current estimate, add FY30 funding
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$3,030,615	\$314,163	\$3,344,777
04/01/24	\$3,283,154	\$84,133	\$3,367,287

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$4,936,695	\$3,618,695	\$613,000	\$141	\$141	\$141	\$141	\$141	\$1,318	\$0
Overhead	\$241,895	\$159,895	\$37,000	\$9	\$9	\$9	\$9	\$9	\$82	\$0
Proposed:	\$5,178,590	\$3,778,590	\$650,000	\$150	\$150	\$150	\$150	\$150	\$1,400	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater PayGo	\$4,878,590	\$3,478,590	\$650,000	\$150	\$150	\$150	\$150	\$150	\$1,400	\$0
ARP Grant	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$5,178,590	\$3,778,590	\$650,000	\$150	\$150	\$150	\$150	\$150	\$1,400	\$0

Location

Countywide

More (Less) Than FY24 Approv \$500,000 | \$0 | \$0 | \$0 | \$0 | \$150 | \$650
 * = 000's

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

5777200 Central Sanitation Facility

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is to relocate the Glen Burnie Complex to meet the existing and future needs of the Wastewater activities: administration, line maintenance, system evaluation & rehabilitation, and bureau fleet and small engine maintenance. The facility will be located adjacent to the existing Central Water Facility in the Millersville Complex in order to centralize Utility operations, and includes an outdoor storage facility.

Benefit

Efficiency of Operations.

Financial Information

Initial Total Cost Est: \$5,545,000
Year First Apprvd: 1996
Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Design, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$4,084,654	\$241,742	\$4,326,396
04/01/24	\$4,284,399	\$135,415	\$4,419,815

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$713,207)	(\$713,207)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$500	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$8,401,382	\$7,178,382	\$1,223,000	\$0	\$0	\$0	\$0	\$0	\$1,223	\$0
Overhead	\$193,400	\$120,400	\$73,000	\$0	\$0	\$0	\$0	\$0	\$73	\$0
Furn., Fixtures and Equip	\$182,288	\$182,288	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$113,251	\$113,251	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$8,177,614	\$6,881,614	\$1,296,000	\$0	\$0	\$0	\$0	\$0	\$1,296	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$8,177,614	\$6,881,614	\$1,296,000	\$0	\$0	\$0	\$0	\$0	\$1,296	\$0
Proposed:	\$8,177,614	\$6,881,614	\$1,296,000	\$0	\$0	\$0	\$0	\$0	\$1,296	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$1,296,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$1,296</i>	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S791800 Upgr/Retrofit SPS

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for design and construction to upgrade existing sewage pumping stations to meet current control and operational standards.

Benefit

This project will better ensure the proper operation and maintenance of stations, avoid over-flows and adverse environmental impacts (e.g., odor control) retrofits and replacements are underway to meet State regulations.

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increased cost estimates and added FY30
- 3. Change in Scope None
- 4. Change in Timing: None

Financial Information

Initial Total Cost Est: \$13,266,000
Year First Apprvd: 1999
Est. Operating Budget Impact: Potential savings/cost avoidance

As of:	Expended	Encumbered	Total
04/01/23	\$33,939,705	\$20,178,330	\$54,118,034
04/01/24	\$40,091,315	\$17,372,658	\$57,463,973

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. Switched funding sources in FY15 via AMD #95 to Bill 23-14. County Council removed \$3,450,000 via AMD #176, added \$4,160,000 via AMD #196 and added \$2,265,000 via AMD #203 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$12,495,059	(\$704,941)	\$2,200,000	\$2,200	\$2,200	\$2,200	\$2,200	\$2,200	\$13,200	\$0
Land	(\$32,606)	(\$32,606)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$174,742,821	\$62,542,821	\$18,700,000	\$18,700	\$18,700	\$18,700	\$18,700	\$18,700	\$112,200	\$0
Overhead	\$11,021,943	\$3,221,943	\$1,300,000	\$1,300	\$1,300	\$1,300	\$1,300	\$1,300	\$7,800	\$0
Other	(\$53,268)	(\$53,268)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	198,173,949	\$64,973,949	\$22,200,000	\$22,200	\$22,200	\$22,200	\$22,200	\$22,200	\$133,200	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$181,415,949	\$52,773,949	\$22,320,000	\$21,202	\$21,280	\$21,280	\$21,280	\$21,280	\$128,642	\$0
WasteWater PayGo	\$5,598,000	\$0	\$920,000	\$998	\$920	\$920	\$920	\$920	\$5,598	\$0
Other State Grants	\$0	\$3,000,000	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	(\$3,000)	\$0
Bond Premium	\$11,160,000	\$9,200,000	\$1,960,000	\$0	\$0	\$0	\$0	\$0	\$1,960	\$0
Proposed:	198,173,949	\$64,973,949	\$22,200,000	\$22,200	\$22,200	\$22,200	\$22,200	\$22,200	\$133,200	\$0

Location

Countywide

More (Less) Than FY24 Approv
 = 000's

\$9,700,000	\$9,200	\$8,700	\$8,200	\$7,700	\$22,200	\$65,700
-------------	---------	---------	---------	---------	----------	----------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S792700 Fac Abandonment WW2

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project provides funds to demolish abandoned structures, and to dismantle, remove and dispose of unused/unwanted equipment from wastewater conveyance and treatment facilities as required by Operations.

Benefit

Disposal of surplus facilities and equipment.

Financial Information

Initial Total Cost Est: \$1,196,000
Year First Apprvd: 1999
Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Decrease based on current estimates
3. Change in Scope None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$1,630,013	\$421,919	\$2,051,932
04/01/24	\$1,985,557	\$127,437	\$2,112,995

Amendment History

County Council removed \$500,000 via amendment #41 to Bill 35-06. Prior approval has been adjusted to show the closing of jobs on this project. CC removed \$200k via AMD #25 to Bill 36-17.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$184,436	\$90,436	\$94,000	\$0	\$0	\$0	\$0	\$0	\$94	\$0
Construction	\$4,353,801	\$3,068,801	\$0	\$1,285	\$0	\$0	\$0	\$0	\$1,285	\$0
Overhead	\$245,643	\$162,643	\$6,000	\$77	\$0	\$0	\$0	\$0	\$83	\$0
Proposed:	\$4,783,880	\$3,321,880	\$100,000	\$1,362	\$0	\$0	\$0	\$0	\$1,462	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater PayGo	\$4,093,880	\$2,631,880	\$100,000	\$1,362	\$0	\$0	\$0	\$0	\$1,462	\$0
ARP Grant	\$690,000	\$690,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$4,783,880	\$3,321,880	\$100,000	\$1,362	\$0	\$0	\$0	\$0	\$1,462	\$0
<i>More (Less) Than FY24 Approv</i>		<i>(\$1,779,000)</i>		<i>\$1,362</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>(\$417)</i>	

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S797900 Broadneck WRF Upgrd

Project Class:

Wastewater

Dept:

DPW-Utilities

Description

This project consists of upgrading existing polishing pond to an emergency storage pond sized to meet the requirements of the NPDES Permit at Broadneck WRF. Project includes funding for land acquisition as a buffer and new plant. Work includes installing influent screening bypass, bar screen upgrades, disinfection system upgrade/expansion and other miscellaneous facility upgrades to re-rate the treatment facility to 8 MGD.

Benefit

Permit compliance and improved efficiency and to rehabilitate/replace old facilities.

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: Added language for land acquisition for buffer & future plant expansion.
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope None
4. Change in Timing: None

Financial Information

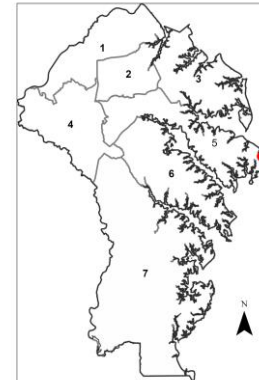
Initial Total Cost Est: \$3,313,000
Year First Apprvd: 2001
Est. Operating Budget Impact: Potential savings/cost avoidance

As of:	Expended	Encumbered	Total
04/01/23	\$34,583	\$220,814	\$255,397
04/01/24	\$318,934	\$41,686	\$360,620

Amendment History

County Council removed \$105k vin FY17 via AMD #109 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$84,294)	(\$84,294)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$498,555	\$212,555	\$286,000	\$0	\$0	\$0	\$0	\$0	\$286	\$0
Construction	\$14,010,883	\$3,605,883	\$10,405,000	\$0	\$0	\$0	\$0	\$0	\$10,405	\$0
Overhead	\$909,220	\$267,220	\$642,000	\$0	\$0	\$0	\$0	\$0	\$642	\$0
Proposed:	\$15,334,364	\$4,001,364	\$11,333,000	\$0	\$0	\$0	\$0	\$0	\$11,333	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$15,334,364	\$4,001,364	\$11,333,000	\$0	\$0	\$0	\$0	\$0	\$11,333	\$0
Proposed:	\$15,334,364	\$4,001,364	\$11,333,000	\$0	\$0	\$0	\$0	\$0	\$11,333	\$0
<i>More (Less) Than FY24 Approv</i>			\$2,680,000	\$0	\$0	\$0	\$0	\$0	\$2,680	
<i>000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S799200 Mayo Collection Sys Upgrade

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for the expansion of the Mayo Wastewater Collection and Conveyance System and to provide for upgrades to existing facilities.

Benefit

The project will accommodate the planned growth within the Mayo Sewer Service Area.

Financial Information

Initial Total Cost Est: \$3,000,000
Year First Apprvd: 2003
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current estimates
- 3. Change in Scope None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$6,238,493	\$1,611,578	\$7,850,070
04/01/24	\$7,485,362	\$1,150,376	\$8,635,738

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$195k via AMD #146, added \$250k in FY16 via AMD #193 and \$250k for Fys 17-21 via AMD #204 to Bill 29-15. CC removed \$500k via AMD #73 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$3,011,960	\$1,411,960	\$200,000	\$900	\$500	\$0	\$0	\$0	\$1,600	\$0
Land	\$48,573	\$48,573	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$29,636,398	\$15,427,398	\$2,759,000	\$7,360	\$4,090	\$0	\$0	\$0	\$14,209	\$0
Overhead	\$1,843,249	\$894,249	\$178,000	\$496	\$275	\$0	\$0	\$0	\$949	\$0
Proposed:	\$34,540,180	\$17,782,180	\$3,137,000	\$8,756	\$4,865	\$0	\$0	\$0	\$16,758	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$34,540,180	\$17,782,180	\$3,137,000	\$8,756	\$4,865	\$0	\$0	\$0	\$16,758	\$0
Proposed:	\$34,540,180	\$17,782,180	\$3,137,000	\$8,756	\$4,865	\$0	\$0	\$0	\$16,758	\$0
<i>More (Less) Than FY24 Apprv</i>			\$2,648,000	\$3,773	(\$239)	\$0	\$0	\$0	\$6,182	

* = 000's



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S802200 Cox Creek WRF ENR

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Cox Creek WRF to meet Maryland Department of the Environment guidelines (3.0 mg/l TN and 0.3 mg/l TP).

Benefit

To meet regulatory compliance requirements and environmental protection.

Financial Information

Initial Total Cost Est: \$155,011,000
 Year First Apprvd: 2010
 Est. Operating Budget Impact: Indeterminate

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Construction
- 3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

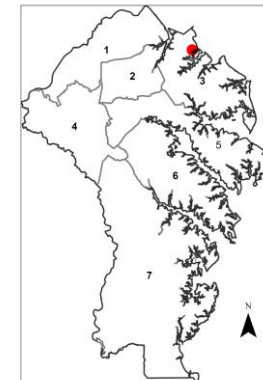
- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on actual costs
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$32,873,553	\$498,790	\$33,372,343
04/01/24	\$1,837,233	\$140,620	\$1,977,852

Amendment History

County Council removed \$1,223k via AMD #6 to Bill 23-14, and \$550k via AMD #33 to Bill 29-19.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$855,472)	(\$855,472)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$7,172,551	\$7,034,551	\$138,000	\$0	\$0	\$0	\$0	\$0	\$138	\$0
Overhead	(\$3,756,909)	(\$3,764,909)	\$8,000	\$0	\$0	\$0	\$0	\$0	\$8	\$0
Other	(\$389,652)	(\$389,652)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,182,517	\$2,036,517	\$146,000	\$0	\$0	\$0	\$0	\$0	\$146	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$2,182,517	\$2,036,517	\$146,000	\$0	\$0	\$0	\$0	\$0	\$146	\$0
Proposed:	\$2,182,517	\$2,036,517	\$146,000	\$0	\$0	\$0	\$0	\$0	\$146	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$146,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$146</i>	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S802300 WRF Infrastr Up/Retro

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for design and construction to upgrade various wastewater system infrastructure, including structures, support facilities and equipment to meet current control and operational standards. This includes support facilities.

Benefit

This project will better ensure the proper operation and maintenance of wastewater infrastructure facilities to allow upgrades, rehabilitation or replacement of various components to improve reliability and performance.

Financial Information

Initial Total Cost Est: \$8,500,000
Year First Apprvd: 2010
Est. Operating Budget Impact: Indeterminate

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current estimates
- 3. Change in Scope None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$3,942,300	\$2,658,790	\$6,601,090
04/01/24	\$5,584,842	\$3,509,338	\$9,094,180

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$2.3 m via AMD #147, added \$2,772,000 via AMD #192 and \$552k/year for FYs17-21 via AMD #205 to Bill 29-15. CC removed \$1m via AMD #32 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$5,044,637	\$2,170,637	\$830,000	\$1,339	\$188	\$188	\$188	\$141	\$2,874	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$35,697,210	\$9,851,210	\$7,455,000	\$12,046	\$1,692	\$1,692	\$1,692	\$1,269	\$25,846	\$0
Overhead	\$2,477,518	\$643,518	\$530,000	\$854	\$120	\$120	\$120	\$90	\$1,834	\$0
Other	(\$47,887)	(\$47,887)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$43,171,479	\$12,617,479	\$8,815,000	\$14,239	\$2,000	\$2,000	\$2,000	\$1,500	\$30,554	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$43,171,479	\$12,617,479	\$8,815,000	\$14,239	\$2,000	\$2,000	\$2,000	\$1,500	\$30,554	\$0
Proposed:	\$43,171,479	\$12,617,479	\$8,815,000	\$14,239	\$2,000	\$2,000	\$2,000	\$1,500	\$30,554	\$0
<i>More (Less) Than FY24 Approv</i>			\$5,015,000	\$13,239	\$1,000	\$1,000	\$1,000	\$1,500	\$22,754	
<i>~ = 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S804600 WW System Security

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Design and construction of measures that will reduce the vulnerability of wastewater infrastructure and improve wastewater system security.

Benefit

Increase security of vital utility infrastructure.

Financial Information

Initial Total Cost Est: \$1,000,000
 Year First Apprvd: 2008
 Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Construction

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$387,886	\$43,822	\$431,708
04/01/24	\$434,010	\$98,778	\$532,788

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$386,660	\$386,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,437,465	\$937,465	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500	\$0
Overhead	\$112,804	\$112,804	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$1,946,928	\$1,446,928	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater PayGo	\$1,946,928	\$1,446,928	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500	\$0
Proposed:	\$1,946,928	\$1,446,928	\$500,000	\$0	\$0	\$0	\$0	\$0	\$500	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S806000 Chesapeake Bch WWTP

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for construction of improvements to the Town of Chesapeake Beach Wastewater Treatment Plant. Funding is Anne Arundel County's apportioned share of the costs in accordance with the County's Agreement with the Town of Chesapeake Beach.

Benefit

Service improvement and increased efficiency.

Financial Information

Initial Total Cost Est: \$931,000
 Year First Apprvd: 2009
 Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year: Planning
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope None
4. Change in Timing: Future work planned at facility

As of:	Expended	Encumbered	Total
04/01/23	\$1,942,778		
04/01/24	\$1,942,778		

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$2,773,000	\$2,018,000	\$85,000	\$270	\$230	\$20	\$150	\$0	\$755	\$0
Proposed:	\$2,773,000	\$2,018,000	\$85,000	\$270	\$230	\$20	\$150	\$0	\$755	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$2,773,000	\$2,018,000	\$85,000	\$270	\$230	\$20	\$150	\$0	\$755	\$0
Proposed:	\$2,773,000	\$2,018,000	\$85,000	\$270	\$230	\$20	\$150	\$0	\$755	\$0

More (Less) Than FY24 Approv \$85,000 | \$270 | \$230 | \$20 | \$150 | \$0 | \$755
 * = 000's



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S806200 SPS Fac Gen Replace

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This multi-year project provides funding for design and construction of replacement generators and fuel tanks at sewage pumping stations throughout Anne Arundel County. The County operates approximately 250 sewage pumping stations. This project provides for installation / replacement of 10 to 15 generators per year as well as associated alterations to address code compliance issues.

Benefit

Generators provide a more redundant power source to ensure station operation and avoid overflows and adverse environmental impacts in the event of loss of commercial power.

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current cost estimates and added FY30
3. Change in Scope: None
4. Change in Timing: None

Financial Information

Initial Total Cost Est: \$20,699,000
Year First Apprvd: 2010
Est. Operating Budget Impact: Potential savings/cost avoidance

As of:	Expended	Encumbered	Total
04/01/23	\$11,829,263	\$3,025,829	\$14,855,092
04/01/24	\$6,266,788	\$3,985,805	\$10,252,594

Amendment History

Added \$1,000,000 via AMD #102 to Bill 46-13. County Council removed \$600k via AMD #44 to Bill 29-15. County Council removed \$175k via AMD #82 to Bill 29-15. County Council removed \$35k/year in the prgm via AMD #112 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$4,723,871	\$2,748,871	\$350,000	\$325	\$325	\$325	\$325	\$325	\$1,975	\$0
Land	\$75,750	\$75,750	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$27,190,677	\$11,713,677	\$2,952,000	\$2,505	\$2,505	\$2,505	\$2,505	\$2,505	\$15,477	\$0
Overhead	\$2,125,797	\$1,077,797	\$198,000	\$170	\$170	\$170	\$170	\$170	\$1,048	\$0
Proposed:	\$34,116,094	\$15,616,094	\$3,500,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,500	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$29,116,094	\$10,616,094	\$3,500,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,500	\$0
Bond Premium	\$5,000,000	\$5,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$34,116,094	\$15,616,094	\$3,500,000	\$3,000	\$3,000	\$3,000	\$3,000	\$3,000	\$18,500	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$1,000,000</i>	<i>\$500</i>	<i>\$500</i>	<i>\$500</i>	<i>\$500</i>	<i>\$3,000</i>	<i>\$6,000</i>	
<i>000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S806700 Cinder Cove FM Rehab

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design, right of way acquisition, and construction of approximately 5,400 linear feet of 36" force main from Hammarlee Drive to Marley Creek.

Benefit

The project will rehabilitate existing force main segments and will improve operational reliability.

Financial Information

Initial Total Cost Est: \$7,025,000
 Year First Apprvd: 2011
 Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Design
- 3. Action Required To Complete This Project: Design, Construction, Performance

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current cost estimates
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$10,221,937	\$128,565	\$10,350,502
04/01/24	\$10,255,318		

Amendment History

County Council removed \$115k via AMD #84 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$825,000	\$825,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$365,000	\$365,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$12,605,000	\$10,710,000	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$1,895	\$0
Overhead	\$713,000	\$599,000	\$114,000	\$0	\$0	\$0	\$0	\$0	\$114	\$0
Proposed:	\$14,508,000	\$12,499,000	\$2,009,000	\$0	\$0	\$0	\$0	\$0	\$2,009	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$14,508,000	\$12,499,000	\$2,009,000	\$0	\$0	\$0	\$0	\$0	\$2,009	\$0
Proposed:	\$14,508,000	\$12,499,000	\$2,009,000	\$0	\$0	\$0	\$0	\$0	\$2,009	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$2,009,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$2,009</i>	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S807300 Annapolis WRF Upgrade

Project Class:

Wastewater

Dept:

DPW-Utilities

Description

The purpose of this project is to design and construct water reclamation facility improvements to several unit processes including preliminary treatment, primary treatment, gravity sludge thickening, secondary treatment & clarification, and shellfish protection storage. Work includes replacement, modification, and rehabilitation of associated equipment, improvements to Emergency Power, Power Distribution, & Control Systems, and site improvements in the vicinity of these treatment processes.

Benefit

The improvements are necessary to ensure continued operation and maintenance of treatment components, to increase efficiency of plant operations, and to maintain roadway infrastructure.

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Planning, Design, Construction, Performance
- 3. Action Required To Complete This Project: Planning, Design, Construction, Performance

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current cost estimates and actual cost.
- 3. Change in Scope: None
- 4. Change in Timing: None

Financial Information

Initial Total Cost Est: \$7,811,000
Year First Apprvd: 2016
Est. Operating Budget Impact: Less than \$100,000 per year

As of:	Expended	Encumbered	Total
04/01/23	\$8,807,704	\$2,047,056	\$10,854,760
04/01/24	\$9,313,108	\$20,450,965	\$29,764,073

Amendment History

County Council removed \$120k via AMD #85 to Bill 29-15.
 County Council removed \$20k in FY17 via AMD #113 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$2,788,000	\$2,788,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$40,517,000	\$29,165,000	\$11,352,000	\$0	\$0	\$0	\$0	\$0	\$11,352	\$0
Overhead	\$2,078,000	\$1,397,000	\$681,000	\$0	\$0	\$0	\$0	\$0	\$681	\$0
Proposed:	\$45,390,000	\$33,357,000	\$12,033,000	\$0	\$0	\$0	\$0	\$0	\$12,033	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$43,890,000	\$33,357,000	\$10,533,000	\$0	\$0	\$0	\$0	\$0	\$10,533	\$0
Bond Premium	\$1,500,000	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0
Proposed:	\$45,390,000	\$33,357,000	\$12,033,000	\$0	\$0	\$0	\$0	\$0	\$12,033	\$0
<i>More (Less) Than FY24 Approv</i>			\$12,033,000	\$0	\$0	\$0	\$0	\$0	\$12,033	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S807500 Heritage Harbor Swr Takeover

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is in response to a valid petition project requesting takeover of an existing private collection system. The project will include Design, Right-of-Way acquisition, and construction of sewer improvements to approximately 106 homes.

Benefit

Achieves neighborhood's petition project goal of connecting to County public sewer system. It relieves the burden of sewer maintenance from the community to DPW.

Financial Information

Initial Total Cost Est: \$2,248,000
Year First Apprvd: 2018
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current estimate
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$724,763	\$790,332	\$1,515,094
04/01/24	\$1,645,747	\$43,213	\$1,688,961

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$254,000	\$215,000	\$39,000	\$0	\$0	\$0	\$0	\$0	\$39	\$0
Land	\$1,500	\$1,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$1,506,500	\$1,506,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$70,000	\$68,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$2	\$0
Proposed:	\$1,832,000	\$1,791,000	\$41,000	\$0	\$0	\$0	\$0	\$0	\$41	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$1,832,000	\$1,791,000	\$41,000	\$0	\$0	\$0	\$0	\$0	\$41	\$0
Proposed:	\$1,832,000	\$1,791,000	\$41,000	\$0	\$0	\$0	\$0	\$0	\$41	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$41,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$41</i>	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S807600 Piney Orchard SPS & FM

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project provides for the acquisition of the Piney Orchard WWTP. Project includes the design and construction of upgrades to meet ENR and County operational requirements.

Benefit

This project will consolidate ownership of the collection and treatment systems for the Patuxent and Piney Orchard Sewer Service Areas.

Financial Information

Initial Total Cost Est: \$17,995,000
Year First Apprvd: 2018
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning, Design, ROW
3. Action Required To Complete This Project: Design, ROW, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on latest cost estimates
3. Change in Scope None
4. Change in Timing: Construction has moved to FY26 based on current schedule

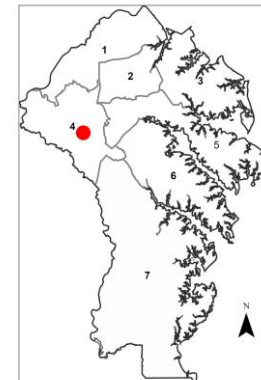
As of:	Expended	Encumbered	Total
04/01/23	\$1,062,276	\$1,305,430	\$2,367,706
04/01/24	\$1,227,910	\$1,899,610	\$3,127,520

Amendment History

CC removed \$474k via AMD #34 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$2,854,000	\$2,854,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	(\$5,512,425)	(\$5,512,425)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$34,644,000	\$22,009,000	\$0	\$12,635	\$0	\$0	\$0	\$0	\$12,635	\$0
Overhead	\$1,460,527	\$702,527	\$0	\$758	\$0	\$0	\$0	\$0	\$758	\$0
Proposed:	\$33,446,102	\$20,053,102	\$0	\$13,393	\$0	\$0	\$0	\$0	\$13,393	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$17,907,102	\$10,793,102	\$0	\$7,114	\$0	\$0	\$0	\$0	\$7,114	\$0
Other State Grants	\$15,539,000	\$9,260,000	\$0	\$6,279	\$0	\$0	\$0	\$0	\$6,279	\$0
Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$33,446,102	\$20,053,102	\$0	\$13,393	\$0	\$0	\$0	\$0	\$13,393	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$0</i>	<i>\$13,393</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$13,393</i>	

** = 000's*



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S808100 Cattail Creek FM Replacement

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for design, right of way acquisition, and construction of the replacement of 17,000 lf of 24" and greater force main (FM) beginning at the Cattail Creek SPS and ending at a gravity manhole in College Parkway. Approximately 10,000 LF of this FM is along the MD Rte 2 Right of Way in Severna Park.

Benefit

This project will replace aging, at-risk infrastructure to increase the reliability of the conveyance system and reduce risks for spills resulting from infrastructure failures.

Financial Information

Initial Total Cost Est: \$17,121,000
Year First Apprvd: 2019
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design, ROW, Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$1,295,057	\$1,782,994	\$3,078,051
04/01/24	\$1,464,276	\$1,727,415	\$3,191,691

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$1,390,000	\$1,390,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$127,000	\$127,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$35,584,000	\$31,284,000	\$4,300,000	\$0	\$0	\$0	\$0	\$0	\$4,300	\$0
Overhead	\$1,719,000	\$1,461,000	\$258,000	\$0	\$0	\$0	\$0	\$0	\$258	\$0
Proposed:	\$38,820,000	\$34,262,000	\$4,558,000	\$0	\$0	\$0	\$0	\$0	\$4,558	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$37,320,000	\$34,262,000	\$3,058,000	\$0	\$0	\$0	\$0	\$0	\$3,058	\$0
Bond Premium	\$1,500,000	\$0	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$1,500	\$0
Proposed:	\$38,820,000	\$34,262,000	\$4,558,000	\$0	\$0	\$0	\$0	\$0	\$4,558	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$4,558,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$4,558</i>	
<i>~ = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S808200 Grinder Pump Repl/Upgrd Prgm

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for a multi year sewer infrastructure investigation, rehabilitation and replacement program to ensure the adequacy of the County's Wastewater Collection System. Aging infrastructure and changes to manufacturing and design standards have resulted in some existing low pressure force main areas exhibiting lower overall reliability. Studies of low pressure force main networks are also included in this project where required.

Benefit

This project will investigate existing systems and where practicable provide upgrades or replacements as needed to meet current best practices.

Financial Information

Initial Total Cost Est: \$3,000,000
Year First Apprvd: 2019
Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on actual cost and added FY30 funding
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$294,839	\$127,013	\$421,852
04/01/24	\$407,072	\$862,540	\$1,269,613

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$220,000	\$88,000	\$22,000	\$22	\$22	\$22	\$22	\$22	\$132	\$0
Land	\$40,000	\$16,000	\$4,000	\$4	\$4	\$4	\$4	\$4	\$24	\$0
Construction	\$6,003,000	\$3,339,000	\$444,000	\$444	\$444	\$444	\$444	\$444	\$2,664	\$0
Overhead	\$427,000	\$247,000	\$30,000	\$30	\$30	\$30	\$30	\$30	\$180	\$0
Furn., Fixtures and Equip	\$300,000	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300	\$0
Proposed:	\$6,990,000	\$3,690,000	\$800,000	\$500	\$500	\$500	\$500	\$500	\$3,300	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$1,190,000	\$1,190,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater PayGo	\$5,000,000	\$2,000,000	\$500,000	\$500	\$500	\$500	\$500	\$500	\$3,000	\$0
ARP Grant	\$800,000	\$500,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$300	\$0
Proposed:	\$6,990,000	\$3,690,000	\$800,000	\$500	\$500	\$500	\$500	\$500	\$3,300	\$0

Location

Countywide

More (Less) Than FY24 Approv
 = 000's

\$300,000	\$0	\$0	\$0	\$0	\$500	\$800
-----------	-----	-----	-----	-----	-------	-------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S809400 Cox Creek Permeate Piping Modi

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for the design, construction, and inspection of modifications to the permeate piping at Cox Creek WRF.

Benefit

This project will address a current operational concern and provide increased reliability in the future by improving the ability to perform maintenance functions.

Financial Information

Initial Total Cost Est: \$1,943,000
Year First Apprvd: 2022
Est. Operating Budget Impact:

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning
3. Action Required To Complete This Project: Design, Construction, Performance

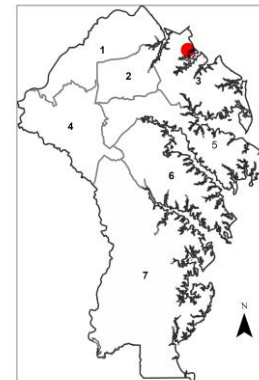
Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$122,499	\$58,435	\$180,933
04/01/24	\$312,664	\$666,458	\$979,122

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$286,000	\$286,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,302,000	\$2,073,000	\$4,229,000	\$0	\$0	\$0	\$0	\$0	\$4,229	\$0
Overhead	\$383,000	\$118,000	\$265,000	\$0	\$0	\$0	\$0	\$0	\$265	\$0
Other	\$107,000	\$107,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,078,000	\$2,584,000	\$4,494,000	\$0	\$0	\$0	\$0	\$0	\$4,494	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$7,078,000	\$2,584,000	\$4,494,000	\$0	\$0	\$0	\$0	\$0	\$4,494	\$0
Proposed:	\$7,078,000	\$2,584,000	\$4,494,000	\$0	\$0	\$0	\$0	\$0	\$4,494	\$0
<i>More (Less) Than FY24 Approv</i>			<i>\$4,494,000</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$4,494</i>	
<i>= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S809500 Patuxent Clarifier Rehab

Project Class:

Wastewater

Dept:

DPW-Utilities

Description

This project will replace the secondary clarifier equipment that is corroded or obsolete at the Patuxent WRF, including replacement of the sludge withdrawal mechanisms and repairs to existing tanks. The project will also include any needed to improvements to the scum handling equipment, and extension of the utility water lines to the clarifiers and oxidation ditches, and air piping modifications.

Benefit

This project will replace corroded/obsolete secondary clarifier equipment and enable the treatment plant to improve its reliability and efficiency

Financial Information

Initial Total Cost Est: \$6,526,000
Year First Apprvd: 2022
Est. Operating Budget Impact:

Project Status

1. Current Status Of This Project: Inactive
2. Action Taken In Current Fiscal Year: Design
3. Action Required To Complete This Project: Design, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$15,090	\$325,726	\$340,816
04/01/24	\$117,257	\$239,836	\$357,093

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$661,000	\$661,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$7,818,000	\$7,406,000	\$412,000	\$0	\$0	\$0	\$0	\$0	\$412	\$0
Overhead	\$397,000	\$372,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$25	\$0
Proposed:	\$8,876,000	\$8,439,000	\$437,000	\$0	\$0	\$0	\$0	\$0	\$437	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$8,876,000	\$8,439,000	\$437,000	\$0	\$0	\$0	\$0	\$0	\$437	\$0
Proposed:	\$8,876,000	\$8,439,000	\$437,000	\$0	\$0	\$0	\$0	\$0	\$437	\$0
<i>More (Less) Than FY24 Approv</i>			\$437,000	\$0	\$0	\$0	\$0	\$0	\$437	
<i>^M = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810000 Managed Aquifer Recharge

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the planning, implementation, design, construction, inspection work related to the development and implementation of a managed aquifer recharge program at demonstration scale, and design, construction and inspection of full scale facility. Efforts to include testing, public outreach and education.

Benefit

This project has the potential to mitigate the impact of current groundwater withdrawals and provide cost effective nutrient reduction.

Financial Information

Initial Total Cost Est: \$8,243,000
Year First Apprvd: 2023
Est. Operating Budget Impact: Between \$1 million and \$2 million per year

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning
3. Action Required To Complete This Project: Planning, Design, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Decrease based on current estimate
3. Change in Scope None
4. Change in Timing: Project shifted demonstration facility to FY26.

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$1,559,961	\$254,835	\$1,814,797

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$18,354,000	\$6,686,000	\$0	\$5,024	\$6,644	\$0	\$0	\$0	\$11,668	\$0
Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$26,322,000	\$0	\$0	\$0	\$0	\$26,322	\$0	\$0	\$26,322	\$0
Overhead	\$2,703,000	\$325,000	\$0	\$301	\$399	\$1,579	\$99	\$0	\$2,378	\$0
Proposed:	\$47,379,000	\$7,011,000	\$0	\$5,325	\$7,043	\$27,901	\$99	\$0	\$40,368	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$47,379,000	\$7,011,000	\$0	\$5,325	\$7,043	\$27,901	\$99	\$0	\$40,368	\$0
Proposed:	\$47,379,000	\$7,011,000	\$0	\$5,325	\$7,043	\$27,901	\$99	\$0	\$40,368	\$0

Location

Countywide

More (Less) Than FY24 Approv
 = 000's

	(\$19,153,000)	(\$5,300)	(\$9,804)	\$27,901	\$99	\$0	(\$6,257)
--	----------------	-----------	-----------	----------	------	-----	-----------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810100 Minor System Upgrades

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design, construction, and inspection work related to the development and implementation of ENR treatment at Boone's Estates, Holiday Estates, Lyon's Creek, Maryland Manor, Patuxent Mobile Estates and Wayson Woods.

Benefit

Project would provide advanced wastewater treatment upgrades to several mobile home communities while also being a cost competitive way for the County to reduce nitrogen to the Bay and receiving waters.

Financial Information

Initial Total Cost Est: \$46,652,000
 Year First Apprvd: 2023
 Est. Operating Budget Impact: Indeterminate

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Planning
- 3. Action Required To Complete This Project: Planning, Design, ROW, Construction, Performance

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on actual costs
- 3. Change in Scope None
- 4. Change in Timing: Changes based on current schedule

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$398,245	\$64,805	\$463,050

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$9,215,000	\$2,484,000	\$1,606,000	\$1,247	\$2,738	\$1,140	\$0	\$0	\$6,731	\$0
Land	\$60,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$44,438,000	\$0	\$0	\$10,815	\$23,739	\$9,884	\$0	\$0	\$44,438	\$0
Overhead	\$3,125,000	\$55,000	\$96,000	\$724	\$1,589	\$661	\$0	\$0	\$3,070	\$0
Proposed:	\$56,838,000	\$2,599,000	\$1,702,000	\$12,786	\$28,066	\$11,685	\$0	\$0	\$54,239	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$6,415,100	\$1,245,000	\$1,702,000	\$844	\$1,853	\$772	\$0	\$0	\$5,170	\$0
Other State Grants	\$44,820,800	\$1,204,000	\$0	\$10,615	\$23,301	\$9,701	\$0	\$0	\$43,617	\$0
Other Funding Sources	\$5,602,100	\$150,000	\$0	\$1,327	\$2,913	\$1,213	\$0	\$0	\$5,452	\$0
Proposed:	\$56,838,000	\$2,599,000	\$1,702,000	\$12,786	\$28,067	\$11,686	\$0	\$0	\$54,239	\$0

Location

Countywide

More (Less) Than FY24 Approv
 = 000's

	(\$19,725,000)	(\$4,392)	\$18,791	\$10,263	\$0	\$0	\$4,937
--	----------------	-----------	----------	----------	-----	-----	---------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810200 Biosolids Facility

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the planning, land acquisition, design, construction, and inspection work related construction of a new demonstration scale and full scale biosolids receiving facility.

Benefit

This project will allow the County to become self-sufficient with its bio-solids handling and disposal as regulations continue to become more stringent and other alternatives, such as land application becomes increasingly difficult and expensive.

Financial Information

Initial Total Cost Est: \$108,842,000
Year First Apprvd: 2023
Est. Operating Budget Impact:

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning
3. Action Required To Complete This Project: Design, ROW, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: Removed "regional bio-solids" and replaced with "demonstration scale and full scale biosolids" in the description. Removed "Regional Bio-Solids" and replaced with "Biosolids" in the project name.
2. Change in Total Project Cost: Decrease based on current cost estimate
3. Change in Scope: None
4. Change in Timing: Construction of full scale facility shifted to FY27

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$39,489	\$3,980,067	\$4,019,556

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$12,665,000	\$4,580,000	\$4,235,000	\$550	\$3,300	\$0	\$0	\$0	\$8,085	\$0
Land	\$1,994,000	\$200,000	\$1,794,000	\$0	\$0	\$0	\$0	\$0	\$1,794	\$0
Construction	\$110,043,000	\$0	\$5,116,000	\$26,470	\$78,457	\$0	\$0	\$0	\$110,043	\$0
Overhead	\$7,588,000	\$220,000	\$842,000	\$1,621	\$4,905	\$0	\$0	\$0	\$7,368	\$0
Proposed:	132,290,000	\$5,000,000	\$11,987,000	\$28,641	\$86,662	\$0	\$0	\$0	\$127,290	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$122,290,000	\$5,000,000	\$1,987,000	\$28,641	\$86,662	\$0	\$0	\$0	\$117,290	\$0
Other State Grants	\$10,000,000	\$0	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$10,000	\$0
Proposed:	132,290,000	\$5,000,000	\$11,987,000	\$28,641	\$86,662	\$0	\$0	\$0	\$127,290	\$0

Location

Countywide

More (Less) Than FY24 Apprvd
 = 000's

	(\$8,098,000)	(\$78,830)	\$86,662	\$0	\$0	\$0	(\$266)
--	---------------	------------	----------	-----	-----	-----	---------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810300 Cox Creek Septage Fac Improve

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design, construction, and inspection work related to building a new septage receiving facility at the Cox Creek Water Reclamation Facility.

Benefit

This project will improve the septage receiving equipment allowing for more efficient use by private septic haulers at the Cox Creek Water Reclamation Facility and allow use of the facility during off hours.

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning, Design
3. Action Required To Complete This Project: Design, Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Cost increase based on latest cost estimates
3. Change in Scope None
4. Change in Timing: Construction has moved to FY26 based on current schedule

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$555,000	\$555,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,885,000	\$2,911,000	\$0	\$3,974	\$0	\$0	\$0	\$0	\$3,974	\$0
Overhead	\$367,000	\$129,000	\$0	\$238	\$0	\$0	\$0	\$0	\$238	\$0
Proposed:	\$7,807,000	\$3,595,000	\$0	\$4,212	\$0	\$0	\$0	\$0	\$4,212	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$7,807,000	\$3,595,000	\$0	\$4,212	\$0	\$0	\$0	\$0	\$4,212	\$0
Proposed:	\$7,807,000	\$3,595,000	\$0	\$4,212	\$0	\$0	\$0	\$0	\$4,212	\$0
<i>More (Less) Than FY24 Approv</i>			<i>(\$3,060,000)</i>	<i>\$4,212</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$0</i>	<i>\$1,152</i>	
<i>^M = 000's</i>										

Financial Information

Initial Total Cost Est: \$3,300,000
Year First Apprvd: 2023
Est. Operating Budget Impact: Potential savings/cost avoidance

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$541,553	\$388,231	\$929,783

Amendment History



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810600 WRF Aeration System Imprv

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for the design, construction and inspection of the improvements to the aeration systems and appurtenances at the water reclamation facilities.

Benefit

This project will upgrade and replace critical equipment at the wastewater treatment plants that are approaching the end of their useful life. The project will enable upgrades to take advantage of advancements in the industry that are expected to improve control and lower operating costs.

Project Status

- 1. Current Status Of This Project: New Project
- 2. Action Taken In Current Fiscal Year: New Project
- 3. Action Required To Complete This Project: New Project

Changes from Prior Year

- 1. Change in Name or Description: New Project
- 2. Change in Total Project Cost: New Project
- 3. Change in Scope: New Project
- 4. Change in Timing: New Project

Financial Information

Initial Total Cost Est: \$0
 Year First Apprvd: 0
 Est. Operating Budget Impact:

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$0	\$0	\$0

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$5,391,000	\$0	\$5,391,000	\$0	\$0	\$0	\$0	\$0	\$5,391	\$0
Construction	\$32,022,000	\$0	\$0	\$0	\$32,022	\$0	\$0	\$0	\$32,022	\$0
Overhead	\$2,245,000	\$0	\$324,000	\$0	\$1,921	\$0	\$0	\$0	\$2,245	\$0
Proposed:	\$39,658,000	\$0	\$5,715,000	\$0	\$33,943	\$0	\$0	\$0	\$39,658	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$39,658,000	\$0	\$5,715,000	\$0	\$33,943	\$0	\$0	\$0	\$39,658	\$0
Proposed:	\$39,658,000	\$0	\$5,715,000	\$0	\$33,943	\$0	\$0	\$0	\$39,658	\$0

More (Less) Than FY24 Approv \$5,715,000 \$0 \$33,943 \$0 \$0 \$0 \$0 \$39,658
** = 000's*

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S810700 Mayo Tank Replacement

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for a multi year replacement program of aging Fiberglass tanks and tank controls and all necessary appurtenances, as well as additional easements to include maintenance of tanks controls and controls connections to tanks in the Mayo SSA.

Benefit

The fiberglass tanks are beyond its normal service life and DPW has recorded deterioration of the tanks during routine and emergency maintenance calls. This project is necessary to comply with the Capacity Management Operation and Maintenance (CMOM) program in an effort to limit the number and size of sanitary sewer overflows.

Project Status

- 1. Current Status Of This Project: New Project
- 2. Action Taken In Current Fiscal Year: New Project
- 3. Action Required To Complete This Project: New Project

Changes from Prior Year

- 1. Change in Name or Description: New Project
- 2. Change in Total Project Cost: New Project
- 3. Change in Scope: New Project
- 4. Change in Timing: New Project

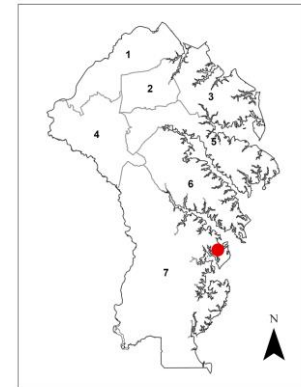
Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$2,210,000	\$0	\$350,000	\$372	\$372	\$372	\$372	\$372	\$2,210	\$0
Construction	\$21,785,000	\$0	\$2,000,000	\$3,957	\$3,957	\$3,957	\$3,957	\$3,957	\$21,785	\$0
Overhead	\$1,450,000	\$0	\$150,000	\$260	\$260	\$260	\$260	\$260	\$1,450	\$0
Proposed:	\$25,445,000	\$0	\$2,500,000	\$4,589	\$4,589	\$4,589	\$4,589	\$4,589	\$25,445	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$25,445,000	\$0	\$2,500,000	\$4,589	\$4,589	\$4,589	\$4,589	\$4,589	\$25,445	\$0
Proposed:	\$25,445,000	\$0	\$2,500,000	\$4,589	\$4,589	\$4,589	\$4,589	\$4,589	\$25,445	\$0
<i>More (Less) Than FY24 Approv</i>			\$2,500,000	\$4,589	\$4,589	\$4,589	\$4,589	\$4,589	\$25,445	
<i>^M = 000's</i>										

Financial Information

Initial Total Cost Est: \$0
 Year First Apprvd: 0
 Est. Operating Budget Impact:

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$0	\$0	\$0

Amendment History



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

X738800 Sewer Main Repl/Recon

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This is a multi year sewer infrastructure investigation, rehabilitation and replacement program to ensure the adequacy of the County's Wastewater Collection System. Numerous complaints of insufficient capacity, basement flooding, stoppages and system interruptions indicate the need to investigate, rehabilitate or replace inadequate mains and service connections. Results of investigations and rehabilitation will require calibration and upgrade of the hydraulic model to accurately reflect system capacity. Additionally, data conversion and automation will be required to graphically display modeled capacity and infrastructure expansion. Studies of the force main network are also included in this project.

Benefit

Improves reliability of operation.

Financial Information

Initial Total Cost Est: \$1,259,400
Year First Apprvd: 1986
Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current cost estimates and added FY30
3. Change in Scope None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$39,035,675	\$20,166,365	\$59,202,040
04/01/24	\$49,044,650	\$21,082,089	\$70,126,739

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. Prior approval was increased by \$3,900,000 in Council Bill #31-06. Switched \$6,451,000 of Bonds for PayGo via AMD #51 to Bill 46-13. County Council removed \$1,075,000 via AMD #175, added \$5,395,000 via AMD #194 and added \$4,320,000/year for Fys 17-21 via AMD #206

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$8,199,544)	(\$8,199,544)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$12,938	\$12,938	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	(\$66,869,743)	\$66,869,743)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	(\$3,403,736)	(\$3,403,736)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$274,524,191	\$154,524,191	\$20,000,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$0
Proposed:	196,064,106	\$76,064,106	\$20,000,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$165,157,106	\$59,557,106	\$21,100,000	\$19,000	\$18,500	\$16,000	\$16,000	\$15,000	\$105,600	\$0
WasteWater PayGo	\$23,790,000	\$8,290,000	\$0	\$1,000	\$1,500	\$4,000	\$4,000	\$5,000	\$15,500	\$0
Other State Grants	\$0	\$3,100,000	(\$3,100,000)	\$0	\$0	\$0	\$0	\$0	(\$3,100)	\$0
Bond Premium	\$7,117,000	\$5,117,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$2,000	\$0
Proposed:	196,064,106	\$76,064,106	\$20,000,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$120,000	\$0

Location

Countywide

More (Less) Than FY24 Approv
 = 000's

\$5,000,000	\$4,500	\$4,000	\$3,500	\$3,000	\$2,000	\$40,000
-------------	---------	---------	---------	---------	---------	----------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

X741200 WW Service Connections

Project Class:

Wastewater

Dept:

DPW-Utilities

Description

This project consists of installing service connections and meters to existing water and sewer mains for which service laterals were not originally constructed as part of the capital budget program. This project is also used for new meter installations. Connections made for water service are installed under project number (X-7424) and connections made for sewer service are installed under project number (X-7412). All services are installed under contracts administered by the Department of Public Works. This project was previously funded by user connection charges. Beginning in FY2004, user connection fees were no longer deposited in the Utility Debt Service Fund and then transferred to this project as a funding source. Instead, these fees are now deposited in the Utility Operating Fund and this project is funded with Utility PayGo.

Benefit

This project will furnish service for in-fill lots as well as permit on-property connections required by court order.

Financial Information

Initial Total Cost Est: \$8,919,000
Year First Apprvd: 1986
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current estimate, added FY30 request
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$1,081,002	\$717,194	\$1,798,196
04/01/24	\$1,317,162	\$481,034	\$1,798,196

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. Removed \$1,000,000 via AMD #21 to Bill 23-14. Removed \$1,600,000 via AMD #27 to Bill 23-14. CC removed \$400,000 via AMD #56 to Bill 31-16. CC removed \$800k via AMD #36 to Bill 36-17. CC removed \$340k via AMD #76 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$6,279,537	\$3,114,537	\$0	\$396	\$396	\$791	\$791	\$791	\$3,165	\$0
Proposed:	\$6,279,537	\$3,114,537	\$0	\$396	\$396	\$791	\$791	\$791	\$3,165	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Water Bonds	\$75,266	\$75,266	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater Bonds	\$410,321	\$410,321	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater PayGo	\$1,014,780	\$814,780	\$0	\$40	\$40	\$40	\$40	\$40	\$200	\$0
Water PayGo	\$3,729,170	\$764,170	\$0	\$356	\$356	\$751	\$751	\$751	\$2,965	\$0
ARP Grant	\$1,050,000	\$1,050,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
User Connections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$6,279,537	\$3,114,537	\$0	\$396	\$396	\$791	\$791	\$791	\$3,165	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	(\$54)	(\$354)	\$41	\$41	\$791	\$465	
<i>000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

X764200 WW Project Planning

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds have been approved for preliminary planning, engineering and cost estimating for proposed future Capital Sewer Projects. This is a revolving fund that will be reimbursed as the future capital projects are established and funded in the Capital Budget.

Benefit

Provides for future planning of contemplated projects.

Financial Information

Initial Total Cost Est: \$400,000
 Year First Apprvd: 1993
 Est. Operating Budget Impact: Indeterminate

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: Increase based on current estimates
- 3. Change in Scope None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$9,033,506	\$2,147,640	\$11,181,146
04/01/24	\$10,036,813	\$3,861,635	\$13,898,448

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. CC removed \$233k via AMD #42 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$933,441)	(\$933,441)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	(\$91,159)	(\$91,159)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$34,046,157	\$23,806,157	\$0	\$1,539	\$3,700	\$2,316	\$2,185	\$500	\$10,240	\$0
Proposed:	\$33,021,557	\$22,781,557	\$0	\$1,539	\$3,700	\$2,316	\$2,185	\$500	\$10,240	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater PayGo	\$26,904,557	\$16,664,557	\$0	\$1,539	\$3,700	\$2,316	\$2,185	\$500	\$10,240	\$0
ARP Grant	\$5,940,000	\$5,940,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$177,000	\$177,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$33,021,557	\$22,781,557	\$0	\$1,539	\$3,700	\$2,316	\$2,185	\$500	\$10,240	\$0
<i>More (Less) Than FY24 Approv</i>										
<i>~ = 000's</i>			(\$1,660,000)	(\$436)	\$1,395	\$48	\$1,046	\$500	\$893	

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

X800000 State Hwy Reloc-Sewer

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is programmed for replacement and/or relocation of existing County Wastewater Infrastructure and Water Infrastructure which are required because of state highway construction.

Benefit

As construction begins on sections of new state highways, existing county water and wastewater facilities in these areas may require relocation due to conflicts in grade or alignment. In cases where the State Highway Administration has prior rights, the financial responsibility for this work must be borne by the County.

Financial Information

Initial Total Cost Est: \$600,000
Year First Apprvd: 1993
Est. Operating Budget Impact: None

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description:
- 2. Change in Total Project Cost: Increase based on current estimates, Added FY 30 request
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$1,084,455	\$790,275	\$1,874,730
04/01/24	\$1,448,994	\$817,622	\$2,266,615

Amendment History

County Council deleted the FY2007 request of \$200,000 via amendment #42 to Bill 35-06. Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$200k via AMD #89 to Bill 29-15. CC removed \$75k via AMD #44 to Bill 37-18.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$39,678)	(\$39,678)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	(\$87,195)	(\$87,195)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	(\$6,862)	(\$6,862)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$35,219,341	\$4,916,341	\$7,733,000	\$12,300	\$9,370	\$300	\$300	\$300	\$30,303	\$0
Proposed:	\$35,085,606	\$4,782,606	\$7,733,000	\$12,300	\$9,370	\$300	\$300	\$300	\$30,303	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$31,303,000	\$1,000,000	\$7,733,000	\$12,300	\$9,370	\$300	\$300	\$300	\$30,303	\$0
WasteWater PayGo	\$3,782,606	\$3,782,606	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$35,085,606	\$4,782,606	\$7,733,000	\$12,300	\$9,370	\$300	\$300	\$300	\$30,303	\$0
<i>More (Less) Than FY24 Approv</i>		<i>(\$2,473,000)</i>	<i>\$12,000</i>	<i>\$9,070</i>	<i>\$0</i>	<i>\$0</i>	<i>\$300</i>	<i>\$18,897</i>		
<i>= 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

Z533200 Routine Sewer Extensions

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are approved & programmed to design extensions, provide for land acquisition, & construct minor extensions to the existing sewer system, as petitioned by residents and identified by DPW as beneficial improvements or determined necessary as an integral requirement of CIP road improvements that accommodate the road design and/or avoids future excavation of the new road infrastructure. Enables the county to respond to emergency situations mandated by the State Health Dept and/or the Maryland Dept of the Environment. Construction of major extensions (those estimated to cost more than \$1,500,000) are programmed & budgeted as separate capital projects.

Benefit

Provides for orderly service expansion.

Financial Information

Initial Total Cost Est: \$94,000
Year First Apprvd: 1976
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year: Multi-Year
3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

1. Change in Name or Description: After the statement "existing water system as petitioned by residents", added " identified by DPW as beneficial improvements". Changed to identify cost limit from \$250,000 to \$1,500,000.
2. Change in Total Project Cost: Increased based on current estimate, Added FY30 funding
3. Change in Scope None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$116,312	\$570	\$116,882
04/01/24	\$71,391	\$557	\$71,948

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$400k via AMD #88 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$386,586)	(\$386,586)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	(\$11,200)	(\$11,200)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	(\$460,640)	(\$460,640)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	(\$44,729)	(\$44,729)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$4,637,145	\$1,874,145	\$109,000	\$802	\$463	\$463	\$463	\$463	\$2,763	\$0
Proposed:	\$3,733,990	\$970,990	\$109,000	\$802	\$463	\$463	\$463	\$463	\$2,763	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$3,733,990	\$970,990	\$109,000	\$802	\$463	\$463	\$463	\$463	\$2,763	\$0
Proposed:	\$3,733,990	\$970,990	\$109,000	\$802	\$463	\$463	\$463	\$463	\$2,763	\$0

Location

Countywide

More (Less) Than FY24 Approv
 ~ = 000's

(\$191,000)	\$502	\$163	\$163	\$163	\$463	\$1,263
-------------	-------	-------	-------	-------	-------	---------

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S741300 Chg Against WW Clsd Projects

Project Class:

Wastewater

Description

Dept:

DPW-Engineering

Funds are approved to allow for settlement of claims and items required in project performance phase on wastewater capital projects which have been closed out prior to the settlement of the claims. Available balances from completed projects will be the primary source of funding for this project.

Benefit

This fund ensures that claims can be settled in the most expedient manner.

Financial Information

Initial Total Cost Est: \$900,000
 Year First Apprvd: 1986
 Est. Operating Budget Impact: None

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: None
- 3. Action Required To Complete This Project: None

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$223,554		
04/01/24	\$223,554		

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$424,075	\$424,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$424,075	\$424,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$424,075	\$424,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$424,075	\$424,075	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

More (Less) Than FY24 Approv
 * = 000's

\$0	\$0	\$0	\$0	\$0	\$0	\$0
-----	-----	-----	-----	-----	-----	-----

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S800600 Dewatering Facilities

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Project will provide funding to complete planning, design, right of way acquisition and construction of dewatering facilities at Maryland City WRF, Broadneck WRF, Annapolis WRF and Patuxent WRF. The planning study and design will be completed in accordance with the recommendations of the Biosolids Management Plan. The project will address environmental, cost, technology and other miscellaneous factors related to implementing dewatering improvements.

Benefit

Continued reliable operation of the existing sludge handling and processing facilities.

Financial Information

Initial Total Cost Est: \$13,274,700
 Year First Apprvd: 2010
 Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project:
2. Action Taken In Current Fiscal Year: Planning, Design, Construction, Performance
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$26,638,246	\$128,739	\$26,766,985
04/01/24	\$14,167,081	\$128,739	\$14,295,820

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$3,915,190	\$3,915,190	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$16,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$9,779,911	\$9,779,911	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$805,017	\$805,017	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$14,516,118	\$14,516,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$14,516,118	\$14,516,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$14,516,118	\$14,516,118	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S802500 Grease/Grit Facility

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the planning, design, right of way acquisition and construction of a facility to process grease and grit removed from pumping stations and other wastewater infrastructure.

Benefit

Improved efficiency and operational reliability.

Financial Information

Initial Total Cost Est: \$392,000
 Year First Apprvd: 2010
 Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

1. Current Status Of This Project: Complete
2. Action Taken In Current Fiscal Year: None
3. Action Required To Complete This Project: None

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$7,818,227		
04/01/24	\$7,818,227		

Amendment History

County Council removed \$85k via AMD #34 to Bill 29-15.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$741,000	\$741,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$2,645,000	\$2,645,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$4,146,000	\$4,146,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$287,000	\$287,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,819,000	\$7,819,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$7,819,000	\$7,819,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,819,000	\$7,819,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S802800 Sewer Proj Mgmt

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested to provide contract services for project management of wastewater class projects during design, right of way acquisition, construction and performance. Funding for this project will be reimbursed by the individual capital projects to be managed.

Benefit

Improved efficiency during execution of the Capital Improvement Program.

Financial Information

Initial Total Cost Est: \$1,000,000
 Year First Apprvd: 2010
 Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

- 1. Current Status Of This Project:
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$388,700	\$1,505,169	\$1,893,870
04/01/24	\$224,060	\$1,736,402	\$1,960,462

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Project Reimbursement	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$4,000,000	\$4,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

More (Less) Than FY24 Approv \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0
 * = 000's

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S804400 Balto City Sewer Agrmnt

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested to reimburse Baltimore City for Anne Arundel County's proportional share of costs associated with improvements to the City's wastewater system. Cost reimbursement will be in accordance with interjurisdictional agreement(s).

Benefit

Compliance with interjurisdictional agreement(s).

Financial Information

Initial Total Cost Est: \$735,000
 Year First Apprvd: 2010
 Est. Operating Budget Impact: None

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Multi-Year
- 3. Action Required To Complete This Project: Multi-Year

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$3,649,781	\$924,753	\$4,574,535
04/01/24	\$3,649,781	\$924,753	\$4,574,535

Amendment History

Removed \$683k via AMD #67 to Bill 36-17.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$530,000	\$530,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater PayGo	\$4,455,000	\$4,455,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>* = 000's</i>										

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S806100 Cox Creek WRF Non-ENR

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design and construction of facility upgrades at the Cox Creek WRF. Upgrades include modifications to the grit chamber, post aeration, chemical feed systems, gravity thickener, new grit classifiers, replacement of the maintenance building and related equipment. Project will also include design and construction of odor control facilities originally proposed under project S802200. This is a parallel project to S802200 -Cox Creek WRF ENR and includes plant modifications that are not eligible for MDE grant funding thru the ENR program. Work under this project and S802200 is essential to assuring continuous and reliable plant operations within stringent environmental permit limits.

Benefit

The project will enhance and retrofit existing treatment plant components for continued plant reliability and provide odor control.

Financial Information

Initial Total Cost Est: \$21,267,000
Year First Apprvd: 2010
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design, Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$7,273,531	\$598,813	\$7,872,344
04/01/24	\$32,423	\$598,737	\$631,160

Amendment History

County Council removed \$360,000 via AMD #48 to Bill 31-16.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	(\$458,171)	(\$458,171)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,922,405	\$2,922,405	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	(\$322,139)	(\$322,139)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,143,095	\$2,143,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$2,143,095	\$2,143,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,143,095	\$2,143,095	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S806600 Maryland City WRF Exp

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design, land acquisition and construction of an expansion of the Maryland City WRF to a capacity of 3.7 MGD. The project will include the addition of a new process train including tankage, process units, modifications to existing facilities, upgrade of the headworks and all other necessary work for the facility's expansion. Two Year Construction Funding is proposed.

Benefit

The project is necessary to meet the future wastewater treatment needs to accommodate growth.

Financial Information

Initial Total Cost Est: \$15,495,000
Year First Apprvd: 2011
Est. Operating Budget Impact: Less than \$100,000 per year

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$43,959,847	\$445,578	\$44,405,424
04/01/24	\$44,101,616	\$361,466	\$44,463,082

Amendment History

CC removed \$2.1m via AMD #34 to Bill 36-17.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$5,087,000	\$5,087,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$37,660,000	\$37,660,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$1,990,600	\$1,990,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$44,737,600	\$44,737,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$41,053,600	\$41,053,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Bond Premium	\$3,684,000	\$3,684,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$44,737,600	\$44,737,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S807400 Broadneck Clarifier Rehab

Project Class:

Wastewater

Dept:

DPW-Utilities

Description

This project will repair/replace secondary clarifier equipment that is corroded or obsolete at the Broadneck WRF. The project will improve the clarifier scum handling and replace the sludge collection system with a more efficient mechanism. Finally the project will replace sluice gates to improve operability. The project will also include modifications to sludge piping and sludge pumping equipment.

Benefit

This project will replace corroded/obsolete secondary clarifier equipment and enable the treatment plant to improve its reliability and efficiency.

Financial Information

Initial Total Cost Est: \$4,525,000
Year First Apprvd: 2018
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$325,094	\$5,515,098	\$5,840,192
04/01/24	\$1,586,929	\$4,591,754	\$6,178,684

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$405,000	\$405,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,772,140	\$6,772,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$332,000	\$332,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,509,140	\$7,509,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$7,509,140	\$7,509,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,509,140	\$7,509,140	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>^M = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S807900 Crofton Sewer Pumping Station

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

The project will provide design and construction funding to upgrade or replace the pump station which is nearly 50 years old. Upgrades will include replacement of pumps, HVAC, electrical controls, generator, emergency storage etc.

Benefit

The project will provide an upgrade to the pump station for improved operation and reliability.

Financial Information

Initial Total Cost Est: \$6,167,000
Year First Apprvd: 2018
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance
3. Action Required To Complete This Project: None

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$5,935,075	\$158,034	\$6,093,109
04/01/24	\$6,099,565	\$16,817	\$6,116,382

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$448,000	\$448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$5,420,000	\$5,420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$293,000	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S808000 Cox Creek Grit System Improv.

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project will evaluate, design, and construct facilities to address grit handling during high flow events.

Benefit

The existing system of grit collection, classification, and disposal of influent grit loads is inadequate and has resulted in significant impacts to operations and recovery efforts during storms. Grit system alternatives will be studied and the recommended alternative will be implemented.

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning, Design, Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

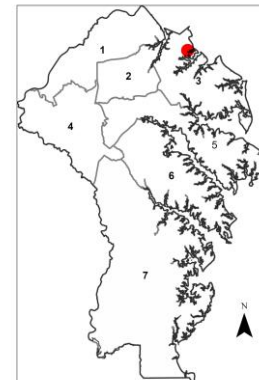
Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$310,790	\$310,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,274,000	\$6,274,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$210,000	\$210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$6,806,790	\$6,806,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$6,806,790	\$6,806,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$6,806,790	\$6,806,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										

Financial Information

Initial Total Cost Est: \$7,166,000
Year First Apprvd: 2019
Est. Operating Budget Impact: Potential savings/cost avoidance

As of:	Expended	Encumbered	Total
04/01/23	\$2,716,964	\$2,223,355	\$4,940,319
04/01/24	\$5,641,613	\$904,472	\$6,546,085

Amendment History



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S808300 Broadwater Ops Bldg Addition

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for the design and construction of an addition to an existing building at the Broadwater WRF.

Benefit

The building addition will provide additional office space, locker rooms, and shower facilities to accommodate the transfer of personnel from the decommissioned Mayo WRF. The building will also be provided with connectivity to the facility process control system to serve as an Operations Building.

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction, Performance
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$282,000	\$282,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,375,000	\$2,375,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$106,000	\$106,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Furn., Fixtures and Equip	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,788,000	\$2,788,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$2,788,000	\$2,788,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,788,000	\$2,788,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										

Financial Information

Initial Total Cost Est: \$1,685,000
Year First Apprvd: 2019
Est. Operating Budget Impact: Indeterminate

As of:	Expended	Encumbered	Total
04/01/23	\$1,427,785	\$912,162	\$2,339,947
04/01/24	\$2,541,245	\$98,419	\$2,639,664

Amendment History



S808400 MD City SPS Upgrade

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Design and construction to upgrade existing Maryland City SPS to meet current control and operational standards.

Benefit

Financial Information

Initial Total Cost Est: \$4,069,000
 Year First Apprvd: 2019
 Est. Operating Budget Impact: Indeterminate

Project Status

Changes from Prior Year

- 1. Current Status Of This Project: Complete
- 2. Action Taken In Current Fiscal Year: None
- 3. Action Required To Complete This Project: None

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$3,938,341	\$43,016	\$3,981,357
04/01/24	\$3,967,857	\$15,719	\$3,983,576

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$456,000	\$456,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$3,409,000	\$3,409,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$120,000	\$120,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$3,985,000	\$3,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$3,985,000	\$3,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$3,985,000	\$3,985,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>^M = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S808600 OPS Compl Solar Panels-Sewer

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the design, construction, and inspection of new photovoltaic panels at the Utility Operations Complex. Work will include solar arrays on existing building roofs, canopies over parking lots, electric vehicle charging stations, and other necessary improvements to support the system.

Benefit

This project will improve energy efficiency at the Utility Operations Complex and reduce the use of electricity.

Financial Information

Initial Total Cost Est: \$2,963,000
Year First Apprvd: 2020
Est. Operating Budget Impact: Potential savings/cost avoidance

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction, Performance
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$1,678,980	\$488,140	\$2,167,120
04/01/24	\$2,224,006	\$93,389	\$2,317,395

Amendment History

Added \$423,000 of grant funding and reduced wastewater bonds by \$423,000 via Bill #107-21

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$245,000	\$245,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,604,000	\$2,604,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$114,000	\$114,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$1,463,000	\$1,463,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>~ = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S809000 Broadwater WRF Grit Sys Repl.

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested for the planning, design, and construction of new grit removal facilities at the Broadwater WRF to replace the existing aging equipment.

Benefit

By improving the removal of heavy and abrasive grit at the head of the facility, this project will increase reliability of plant operations and reduce wear on mechanical equipment.

Financial Information

Initial Total Cost Est: \$4,283,000
Year First Apprvd: 2020
Est. Operating Budget Impact: Indeterminate

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design, Construction
3. Action Required To Complete This Project: Construction, Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$305,263	\$231,888	\$537,151
04/01/24	\$407,603	\$583,382	\$990,984

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$598,000	\$598,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$6,829,000	\$6,829,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$371,000	\$371,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,798,000	\$7,798,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$7,798,000	\$7,798,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$7,798,000	\$7,798,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>* = 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S809300 Broadwater WRF Blower Bldg Upg

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

This project is for the design, construction and inspection of modifications to the Blower Building at the Broadwater WRF

Benefit

This project will replace critical electrical and mechanical equipment and also upgrade building spaces to meet current standards

Financial Information

Initial Total Cost Est: \$2,330,000
 Year First Apprvd: 2022
 Est. Operating Budget Impact:

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction, Performance
3. Action Required To Complete This Project: Performance

Changes from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: None
3. Change in Scope: None
4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$515,286	\$1,546,434	\$2,061,720
04/01/24	\$2,175,295	\$311,232	\$2,486,527

Amendment History

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$341,000	\$341,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Construction	\$2,401,000	\$2,401,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$110,000	\$110,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,852,000	\$2,852,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$2,852,000	\$2,852,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,852,000	\$2,852,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>*= 000's</i>										



Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

S809900 BioPhosphorous Treatment Remov

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds are requested only for planning, implementation and design related to the development and implementation of a Bio-Phosphorus removal program for all of the water reclamation facilities in the County.

Benefit

The County currently precipitates phosphorus out chemically which does not allow it to be harvested for beneficial use. Enhanced Biological Phosphorus Removal would remove the phosphorus biologically which would allow for it to be used beneficially.

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Planning
- 3. Action Required To Complete This Project: Planning, Design, Construction, Performance

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope None
- 4. Change in Timing: None

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Plans and Engineering	\$384,000	\$384,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Overhead	\$16,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
WasteWater Bonds	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$400,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>More (Less) Than FY24 Approv</i>			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>* = 000's</i>										

Financial Information

Initial Total Cost Est: \$400,000
 Year First Apprvd: 2023
 Est. Operating Budget Impact: Indeterminate

As of:	Expended	Encumbered	Total
04/01/23	\$0	\$0	\$0
04/01/24	\$0	\$0	\$0

Amendment History

Location

Countywide

Capital Budget and Program

FY2025 Proposed

Anne Arundel County, Maryland

X749000 Agreements W/Developers

Project Class:

Wastewater

Description

Dept:

DPW-Utilities

Funds have been approved to provide the county with the capability to design and construct various additions to the sewer and water infrastructure system as requested by private developers for the purpose of making county sewer and water facilities accessible to their proposed developments. These funds will also be used for the acquisition of water and sewer rights-of-way. All work done is fully reimbursed by the developer.

Benefit

This project will allow the county to use security posted by the developer to construct any sewer and water facilities when the developer has failed to build them as agreed.

Financial Information

Initial Total Cost Est: \$11,820,000
Year First Apprvd: 1988
Est. Operating Budget Impact: Indeterminate

Project Status

- 1. Current Status Of This Project: Active
- 2. Action Taken In Current Fiscal Year: Planning
- 3. Action Required To Complete This Project: Planning

Changes from Prior Year

- 1. Change in Name or Description: None
- 2. Change in Total Project Cost: None
- 3. Change in Scope: None
- 4. Change in Timing: None

As of:	Expended	Encumbered	Total
04/01/23	\$312,078	\$71,617	\$383,694
04/01/24	\$135,190	\$44,810	\$180,000

Amendment History

Prior approval has been adjusted to show the closing of jobs on this project.

Phase	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Other	\$2,363,287	\$2,363,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,363,287	\$2,363,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Funding	Total	Prior	FY2025	FY2026*	FY2027*	FY2028*	FY2029*	FY2030*	6 Yr Total*	6 Yr Plus*
Developer Contribution	\$2,363,287	\$2,363,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Proposed:	\$2,363,287	\$2,363,287	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

More (Less) Than FY24 Approv \$0 | \$0 | \$0 | \$0 | \$0 | \$0 | \$0
 * = 000's

Location

Countywide

