

Wastewater

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Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Project Class Wastewater									
S647500	Balto. County Sewer Agreement	31,026,646	18,752,646	8,760,000	1,191,000	823,000	500,000	500,000	500,000
S776700	Wastewater Strategic Plan	4,497,476	3,597,476	150,000	150,000	150,000	150,000	150,000	150,000
S777200	Central Sanitation Facility	7,048,614	6,568,614	0	480,000	0	0	0	0
S791800	Upgr/Retrofit SPS	135,758,547	56,758,547	14,000,000	12,000,000	12,500,000	13,000,000	13,500,000	14,000,000
S792700	Fac Abandonment WW2	3,199,313	2,316,313	294,000	589,000	0	0	0	0
S797800	Furnace Brn Swr Repl	64,800	287,500	-222,700	0	0	0	0	0
S797900	Broadneck WRF Upgrd	12,560,364	4,001,364	0	8,559,000	0	0	0	0
S798100	Wastewater Scada Upg	3,095,338	3,175,578	-80,240	0	0	0	0	0
S799200	Mayo Collection Sys Upgrade	23,151,726	8,959,726	2,562,000	4,540,000	1,660,000	1,500,000	2,430,000	1,500,000
S802300	WRF Infrastr Up/Retro	12,935,143	6,785,143	1,150,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
S802500	Grease/Grit Facility	7,827,000	8,204,000	-377,000	0	0	0	0	0
S805400	Marley SPS Upgrade	201,089	217,689	-16,600	0	0	0	0	0
S806100	Cox Creek WRF Non-ENR	8,957,966	8,083,966	874,000	0	0	0	0	0
S806200	SPS Fac Gen Replace	42,651,819	27,651,819	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000	2,500,000
S806500	Patuxent WRF Exp	56,151,878	56,249,878	-98,000	0	0	0	0	0
S806600	Maryland City WRF Exp	44,737,600	44,416,600	321,000	0	0	0	0	0
S807300	Annapolis WRF Upgrade	33,357,000	11,559,000	17,819,000	3,979,000	0	0	0	0
S807400	Broadneck Clarifier Rehab	7,509,140	6,919,140	590,000	0	0	0	0	0
S807500	Heritage Harbor Swr Takeover	1,791,000	1,300,000	491,000	0	0	0	0	0
S807600	Piney Orchard SPS & FM	20,053,102	13,645,102	6,408,000	0	0	0	0	0
S807700	Brock Bridge Road Sewer Repl	1,801,000	2,032,000	-231,000	0	0	0	0	0
S808200	Grinder Pump Repl/Upgrd Prgm	4,500,000	1,500,000	500,000	500,000	500,000	500,000	500,000	500,000
S808300	Broadwater Ops Bldg Addition	2,788,000	2,085,000	703,000	0	0	0	0	0
S808500	Edgewater Beach Sewer	13,873,000	1,409,000	0	0	12,464,000	0	0	0
S808700	Point Field Landing WW Exten.	10,000	2,135,000	-2,125,000	0	0	0	0	0
S809000	Broadwater WRF Grit Sys Repl.	6,136,000	5,288,000	848,000	0	0	0	0	0
S809300	Broadwater WRF Blower Bldg Upg	2,852,000	2,330,000	522,000	0	0	0	0	0

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
S809400	Cox Creek Permeate Piping Modi	1,943,000	288,000	1,655,000	0	0	0	0	0
S809500	Patuxent Clarifier Rehab	8,439,000	570,000	113,000	7,756,000	0	0	0	0
S809900	BioPhosphorous Treatment Remo	400,000	0	400,000	0	0	0	0	0
S810000	Managed Aquifer Recharge	8,243,000	0	2,824,000	5,419,000	0	0	0	0
S810100	Minor System Upgrades	46,652,000	0	1,504,000	18,034,000	14,267,000	9,007,000	3,840,000	0
S810200	Regional Bio-Solids Facility	105,842,000	0	3,000,000	7,065,000	95,777,000	0	0	0
S810300	Cox Creek Septage Fac Improve	3,300,000	0	3,300,000	0	0	0	0	0
X738800	Sewer Main Repl/Recon	154,123,150	60,123,150	16,500,000	14,500,000	15,000,000	15,500,000	16,000,000	16,500,000
X741200	WW Service Connections	6,294,537	3,114,537	0	0	795,000	795,000	795,000	795,000
X764200	WW Project Planning	32,079,632	15,868,632	4,430,000	3,553,000	2,583,000	2,050,000	1,710,000	1,885,000
X800000	State Hwy Reloc-Sewer	4,782,606	3,782,606	0	200,000	200,000	200,000	200,000	200,000
Z533200	Routine Sewer Extensions	2,731,910	1,231,910	0	300,000	300,000	300,000	300,000	300,000
S741300	Chg Against WW Clsd Projects	341,075	341,075	0	0	0	0	0	0
S769700	Mayo WRF Expans	30,865,151	30,865,151	0	0	0	0	0	0
S800600	Dewatering Facilities	47,574,399	47,574,399	0	0	0	0	0	0
S802200	Cox Creek WRF ENR	140,855,964	140,855,964	0	0	0	0	0	0
S802800	Sewer Proj Mgmt	2,000,000	2,000,000	0	0	0	0	0	0
S802900	Annapolis WRF ENR	22,806,779	22,806,779	0	0	0	0	0	0
S804400	Balto City Sewer Agrmnt	4,985,000	4,985,000	0	0	0	0	0	0
S804600	WW System Security	1,946,928	1,946,928	0	0	0	0	0	0
S806000	Chesapeake Bch WWTP	2,018,000	2,018,000	0	0	0	0	0	0
S806700	Cinder Cove FM Rehab	12,499,000	12,499,000	0	0	0	0	0	0
S807000	Broadwater WRF Headworks	2,344,987	2,344,987	0	0	0	0	0	0
S807200	Tanglewood Two Sewer	7,600	7,600	0	0	0	0	0	0
S807900	Crofton Sewer Pumping Station	6,167,000	6,167,000	0	0	0	0	0	0
S808000	Cox Creek Grit System Improv.	5,506,790	5,506,790	0	0	0	0	0	0
S808100	Cattail Creek FM Replacement	31,448,000	31,448,000	0	0	0	0	0	0
S808400	MD City SPS Upgrade	4,069,000	4,069,000	0	0	0	0	0	0
S808600	OPS Compl Solar Panels-Sewer	2,963,000	2,963,000	0	0	0	0	0	0

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
X749000	Agreements W/Developers	2,716,551	2,716,551	0	0	0	0	0	0
Total Wastewater		\$1,184,481,621	\$712,323,161	\$89,067,460	\$92,315,000	\$160,519,000	\$47,002,000	\$43,425,000	\$39,830,000

Capital Budget and Program

Anne Arundel County, Maryland

Project Class Summary - Funding Detail

Council Approved

	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
Project Class Wastewater								
Bonds								
Water Bonds	\$75,266	\$75,266	\$0	\$0	\$0	\$0	\$0	\$0
WasteWater Bonds	\$879,575,181	\$492,964,721	\$66,043,460	\$71,881,000	\$142,731,000	\$34,481,000	\$35,894,000	\$35,580,000
Bonds	\$879,650,447	\$493,039,987	\$66,043,460	\$71,881,000	\$142,731,000	\$34,481,000	\$35,894,000	\$35,580,000
PayGo								
WasteWater PayGo	\$61,577,735	\$45,303,735	(\$2,597,000)	\$4,203,000	\$4,193,000	\$3,660,000	\$3,320,000	\$3,495,000
Water PayGo	\$3,784,170	\$1,273,170	(\$509,000)	\$0	\$755,000	\$755,000	\$755,000	\$755,000
PayGo	\$65,361,905	\$46,576,905	(\$3,106,000)	\$4,203,000	\$4,948,000	\$4,415,000	\$4,075,000	\$4,250,000
Grants & Aid								
ARP Grant	\$8,480,000	\$0	\$8,480,000	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$160,858,721	\$112,310,721	\$12,430,000	\$14,428,000	\$11,413,000	\$7,205,000	\$3,072,000	\$0
Grants & Aid	\$169,338,721	\$112,310,721	\$20,910,000	\$14,428,000	\$11,413,000	\$7,205,000	\$3,072,000	\$0
Other								
Developer Contribution	\$2,716,551	\$2,716,551	\$0	\$0	\$0	\$0	\$0	\$0
Other Funding Sources	\$4,665,000	\$0	\$150,000	\$1,803,000	\$1,427,000	\$901,000	\$384,000	\$0
Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Bond Premium	\$60,749,000	\$55,679,000	\$5,070,000	\$0	\$0	\$0	\$0	\$0
User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
Other	\$70,130,548	\$60,395,548	\$5,220,000	\$1,803,000	\$1,427,000	\$901,000	\$384,000	\$0
Wastewater	\$1,184,481,621	\$712,323,161	\$89,067,460	\$92,315,000	\$160,519,000	\$47,002,000	\$43,425,000	\$39,830,000

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

Benefit

Compliance with Agreement with Baltimore County.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$522,369	Plans and Engineering	\$522,369	\$522,369	\$0	\$0	\$0	\$0	\$0	\$0	
\$7,717,697	Construction	\$7,717,697	\$7,717,697	\$0	\$0	\$0	\$0	\$0	\$0	
\$305,763	Overhead	\$305,763	\$305,763	\$0	\$0	\$0	\$0	\$0	\$0	
\$17,406,818	Other	\$22,480,818	\$10,206,818	\$8,760,000	\$1,191	\$823	\$500	\$500	\$500	
\$25,952,646	Total	\$31,026,646	\$18,752,646	\$8,760,000	\$1,191	\$823	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$5,074,000	\$0	\$3,560,000	\$691	\$323	\$0	\$0	\$500	Multi-Yr

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current estimate, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1976 \$427,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$15,284,998	\$105,757	\$15,390,755
April 1, 2022	\$15,390,840		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$24,129,646	WasteWater Bonds	\$29,203,646	\$16,929,646	\$8,760,000	\$1,191	\$823	\$500	\$500	\$500	
\$1,823,000	WasteWater PayGo	\$1,823,000	\$1,823,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$25,952,646	Total	\$31,026,646	\$18,752,646	\$8,760,000	\$1,191	\$823	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$5,074,000	\$0	\$3,560,000	\$691	\$323	\$0	\$0	\$500	Multi-Yr

S776700 Wastewater Strategic Plan

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

Benefit

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

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,162,891	Plans and Engineering	\$4,305,891	\$3,447,891	\$143,000	\$143	\$143	\$143	\$143	\$143	
\$184,585	Overhead	\$191,585	\$149,585	\$7,000	\$7	\$7	\$7	\$7	\$7	
\$4,347,476	Total	\$4,497,476	\$3,597,476	\$150,000	\$150	\$150	\$150	\$150	\$150	
More (Less) Than Prior Year Program:		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

S776700 Wastewater Strategic Plan

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1996 \$300,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$2,146,112	\$438,774	\$2,584,886
April 1, 2022	\$2,480,759	\$669,616	\$3,150,376

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,347,476	WasteWater PayGo	\$4,197,476	\$3,597,476	(\$150,000)	\$150	\$150	\$150	\$150	\$150	
	ARP Grant	\$300,000	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	
\$4,347,476	Total	\$4,497,476	\$3,597,476	\$150,000	\$150	\$150	\$150	\$150	\$150	
More (Less) Than Prior Year Program:		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

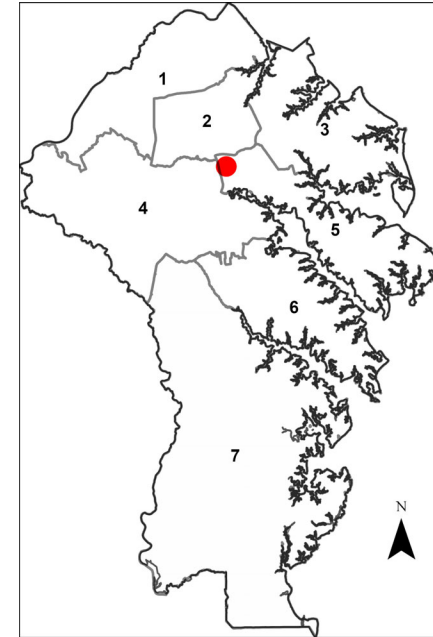
S777200 Central Sanitation Facility

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$713,207)	Plans and Engineering	(\$713,207)	(\$713,207)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$500	Land	\$500	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,881,382	Construction	\$7,342,382	\$6,881,382	\$0	\$461	\$0	\$0	\$0	\$0	\$0
\$104,400	Overhead	\$123,400	\$104,400	\$0	\$19	\$0	\$0	\$0	\$0	\$0
\$182,288	Furn., Fixtures and Equip.	\$182,288	\$182,288	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$113,251	Other	\$113,251	\$113,251	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,568,614	Total	\$7,048,614	\$6,568,614	\$0	\$480	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$480,000	\$0	\$0	\$480	\$0	\$0	\$0	\$0	\$0

S777200 Central Sanitation Facility

Class: Wastewater

FY2023 Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1996 \$5,545,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$1,547,398	\$243,265	\$1,790,663
April 1, 2022	\$2,069,587	\$1,836,373	\$3,905,960

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$6,568,614	WasteWater Bonds	\$7,048,614	\$6,568,614	\$0	\$480	\$0	\$0	\$0	\$0	\$0
\$6,568,614	Total	\$7,048,614	\$6,568,614	\$0	\$480	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$480,000	\$0	\$0	\$480	\$0	\$0	\$0	\$0	\$0

5791800 Upgr/Retrofit SPS

Class: Wastewater

FY2023 Council Approved

Description

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

Location

Countywide

Benefit

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

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,941,622	Plans and Engineering	\$6,340,653	(\$1,159,347)	\$1,250,000	\$1,250	\$1,250	\$1,250	\$1,250	\$1,250	
(\$25,476)	Land	\$4,524	(\$25,476)	\$5,000	\$5	\$5	\$5	\$5	\$5	
103,440,639	Construction	123,450,381	\$55,250,381	\$12,200,000	\$10,200	\$10,700	\$11,200	\$11,700	\$12,200	
\$4,875,971	Overhead	\$6,016,258	\$2,746,258	\$545,000	\$545	\$545	\$545	\$545	\$545	
(\$53,268)	Other	(\$53,268)	(\$53,268)	\$0	\$0	\$0	\$0	\$0	\$0	
112,179,488	Total	135,758,547	\$56,758,547	\$14,000,000	\$12,000	\$12,500	\$13,000	\$13,500	\$14,000	
More (Less) Than Prior Year Program:		\$23,579,060	(\$420,940)	\$3,000,000	\$1,000	\$1,500	\$2,000	\$2,500	\$14,000	Multi-Yr

S791800 Upgr/Retrofit SPS

Class: Wastewater

FY2023 Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current backlog, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$13,266,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$28,828,603	\$15,021,423	\$43,850,026
April 1, 2022	\$35,860,602	\$14,712,368	\$50,572,971

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$93,475,488	WasteWater Bonds	\$111,884,547	\$41,734,547	\$8,830,000	\$12,000	\$11,580	\$12,080	\$12,580	\$13,080	
\$4,195,000	WasteWater PayGo	\$4,195,000	\$515,000	\$0	\$0	\$920	\$920	\$920	\$920	
	Other State Grants	\$3,000,000	\$0	\$3,000,000	\$0	\$0	\$0	\$0	\$0	
\$14,509,000	Bond Premium	\$16,679,000	\$14,509,000	\$2,170,000	\$0	\$0	\$0	\$0	\$0	
\$112,179,488	Total	\$135,758,547	\$56,758,547	\$14,000,000	\$12,000	\$12,500	\$13,000	\$13,500	\$14,000	
	More (Less) Than Prior Year Program:	\$23,579,060	(\$420,940)	\$3,000,000	\$1,000	\$1,500	\$2,000	\$2,500	\$4,000	Multi-Yr

S792700 Fac Abandonment WW2

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

Benefit

Disposal of surplus facilities and equipment.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$123,279	Plans and Engineering	\$264,614	\$95,614	\$0	\$169	\$0	\$0	\$0	\$0	\$0
\$2,396,452	Construction	\$2,787,147	\$2,108,147	\$283,000	\$396	\$0	\$0	\$0	\$0	\$0
\$125,198	Overhead	\$147,552	\$112,552	\$11,000	\$24	\$0	\$0	\$0	\$0	\$0
\$2,644,929	Total	\$3,199,313	\$2,316,313	\$294,000	\$589	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$554,384	(\$34,616)	\$0	\$589	\$0	\$0	\$0	\$0	\$0

S792700 Fac Abandonment WW2

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$1,196,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$469,785	\$91,904	\$561,689
April 1, 2022	\$479,335	\$1,301,415	\$1,780,750

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$589,000	\$0	\$0	\$589	\$0	\$0	\$0	\$0	\$0
\$2,644,929	WasteWater PayGo	\$1,920,313	\$2,316,313	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0
	ARP Grant	\$690,000	\$0	\$690,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,644,929	Total	\$3,199,313	\$2,316,313	\$294,000	\$589	\$0	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$554,384	(\$34,616)	\$0	\$589	\$0	\$0	\$0	\$0	\$0

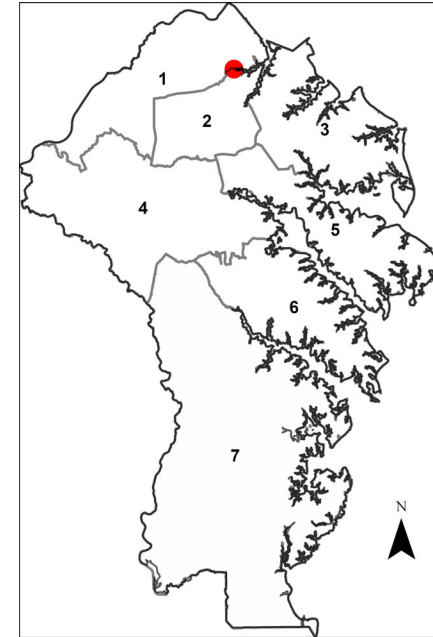
S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2023 Council Approved

Description

This project is to design and construct a new sewer line under Sawmill Creek east of Ritchie Highway in Glen Burnie.



Benefit

The new sewer line will relieve capacity problems in an existing 21-inch sewer west of Ritchie Highway and replace an existing sewer laid at zero slope.

Amendment History

County Council removed \$650,000 via AMD #25 to Bill 31-16.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$191,500	Plans and Engineering	\$59,400	\$191,500	(\$132,100)	\$0	\$0	\$0	\$0	\$0	\$0
\$35,000	Land	\$2,400	\$35,000	(\$32,600)	\$0	\$0	\$0	\$0	\$0	\$0
\$940,000	Construction	\$0	\$20,000	(\$20,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$50,000	Overhead	\$3,000	\$41,000	(\$38,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,216,500	Total	\$64,800	\$287,500	(\$222,700)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$1,151,700)	\$0	(\$1,151,700)	\$0	\$0	\$0	\$0	\$0	\$0

S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: De-appropriating project and close out.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2000 \$504,000

Financial Activity

Expended	Encumbered	Total
April 1, 2021	\$62,578	
April 1, 2022	\$63,126	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,216,500	WasteWater Bonds	\$64,800	\$287,500	(\$222,700)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,216,500	Total	\$64,800	\$287,500	(\$222,700)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$1,151,700)	\$0	(\$1,151,700)	\$0	\$0	\$0	\$0	\$0	\$0

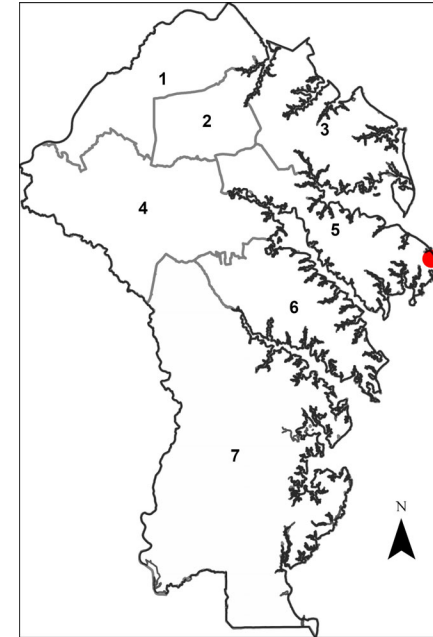
S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2023 Council Approved

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. 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. Project description amended in FY16 to upgrade the grit-removal system, to construct hydraulic improvements, and to relocate the influent flow-measuring device.



Benefit

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

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$84,294)	Plans and Engineering	(\$84,294)	(\$84,294)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$212,555	Land	\$212,555	\$212,555	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,437,883	Construction	\$11,437,883	\$3,605,883	\$0	\$7,832	\$0	\$0	\$0	\$0	\$0
\$592,220	Overhead	\$994,220	\$267,220	\$0	\$727	\$0	\$0	\$0	\$0	\$0
\$12,158,364	Total	\$12,560,364	\$4,001,364	\$0	\$8,559	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$402,000	\$0	(\$8,157,000)	\$8,559	\$0	\$0	\$0	\$0	\$0

S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current estimates.
3. Change in Scope None
4. Change in Timing: Shifted construction from FY23 to FY24

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2001 \$3,313,000

Financial Activity

Expended	Encumbered	Total
April 1, 2021	\$0	\$0
April 1, 2022		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$12,158,364	WasteWater Bonds	\$12,560,364	\$4,001,364	\$0	\$8,559	\$0	\$0	\$0	\$0	\$0
\$12,158,364	Total	\$12,560,364	\$4,001,364	\$0	\$8,559	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$402,000	\$0	(\$8,157,000)	\$8,559	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2023 Council Approved

Description

This project consists of upgrading existing repeater stations, remote terminal units and software. The upgrade will be implemented in four phases:Phase I - Mayo AreaPhase II - Southern Region except Mayo AreaPhase III - North RegionPhase IV - Emergency Dispatch Equipment & Software UpgradeProject description amended in FY07 to include purchasing of new communication equipment and software to replace out dated equipment.Project description amended in FY16 to include remote switchgear and electrical alarming for water and wastewater facilities.

Location

Countywide

Benefit

System upgrade and efficiency in operation.

Amendment History

County Council removed \$3,000,000 via amendment #48 to Bill 28-10. County Council removed \$105k via AMD #75 to Bill 29-15. CC removed \$100k via AMD #31 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$173,973	Plans and Engineering	\$173,973	\$173,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,833,237	Construction	\$2,752,997	\$2,833,237	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0
\$177,868	Overhead	\$177,868	\$177,868	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$9,500)	Other	(\$9,500)	(\$9,500)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,175,578	Total	\$3,095,338	\$3,175,578	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$80,240)	\$0	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change from Prior Year

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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2001 \$3,573,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$2,945,212	\$190,452	\$3,135,665
April 1, 2022	\$2,954,993	\$120,596	\$3,075,590

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,175,578	WasteWater Bonds	\$3,095,338	\$3,175,578	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,175,578	Total	\$3,095,338	\$3,175,578	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$80,240)	\$0	(\$80,240)	\$0	\$0	\$0	\$0	\$0	\$0

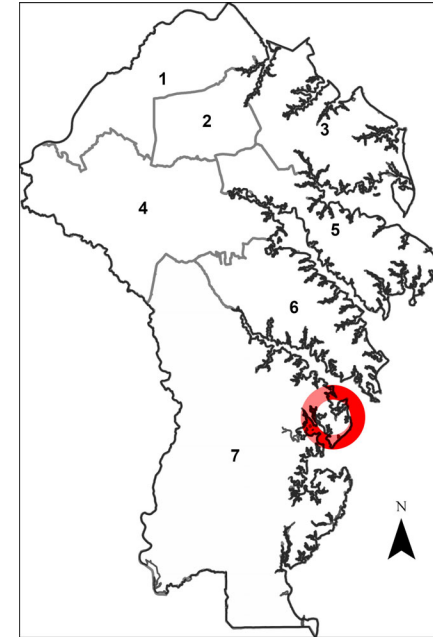
S799200 Mayo Collection Sys Upgrade

Class: Wastewater

FY2023 Council Approved

Description

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.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,236,449	Plans and Engineering	\$1,952,449	\$601,449	\$242,000	\$435	\$159	\$141	\$233	\$141	\$0
\$39,573	Land	\$77,573	\$12,573	\$36,000	\$5	\$6	\$6	\$6	\$6	\$0
\$13,694,398	Construction	\$20,085,398	\$7,876,398	\$2,182,000	\$3,918	\$1,429	\$1,293	\$2,094	\$1,293	\$0
\$739,306	Overhead	\$1,036,306	\$469,306	\$102,000	\$182	\$66	\$60	\$97	\$60	\$0
\$15,709,726	Total	\$23,151,726	\$8,959,726	\$2,562,000	\$4,540	\$1,660	\$1,500	\$2,430	\$1,500	\$0
More (Less) Than Prior Year Program:		\$7,442,000	\$0	\$1,562,000	\$3,290	\$160	\$0	\$930	\$1,500	\$0

S799200 Mayo Collection Sys Upgrade

Class: Wastewater

FY2023

Council Approved

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: Planning, Design, ROW, Construction, Performance

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current estimate, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2003 \$3,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$4,457,507	\$2,329,818	\$6,787,324
April 1, 2022	\$5,515,487	\$1,846,004	\$7,361,491

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$15,709,726	WasteWater Bonds	\$23,151,726	\$8,959,726	\$2,562,000	\$4,540	\$1,660	\$1,500	\$2,430	\$1,500	\$0
\$15,709,726	Total	\$23,151,726	\$8,959,726	\$2,562,000	\$4,540	\$1,660	\$1,500	\$2,430	\$1,500	\$0
More (Less) Than Prior Year Program:		\$7,442,000	\$0	\$1,562,000	\$3,290	\$160	\$0	\$930	\$1,500	\$0

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2023 Council Approved

Description

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

Location

Countywide

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.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,382,873	Plans and Engineering	\$2,407,009	\$1,677,009	\$110,000	\$124	\$124	\$124	\$124	\$124	
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$9,236,878	Construction	\$9,933,534	\$4,809,534	\$994,000	\$826	\$826	\$826	\$826	\$826	
\$612,509	Overhead	\$642,488	\$346,488	\$46,000	\$50	\$50	\$50	\$50	\$50	
(\$47,887)	Other	(\$47,887)	(\$47,887)	\$0	\$0	\$0	\$0	\$0	\$0	
\$12,184,373	Total	\$12,935,143	\$6,785,143	\$1,150,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
More (Less) Than Prior Year Program:		\$750,770	(\$399,230)	\$150,000	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2023 Council Approved

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

Change from Prior Year

1. Change in Name or Description: Add support facilities to the list of wastewater system infrastructure.
2. Change in Total Project Cost: Increase based on current estimate, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$8,500,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$2,064,630	\$1,126,042	\$3,190,672
April 1, 2022	\$3,312,757	\$1,536,031	\$4,848,789

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$12,184,373	WasteWater Bonds	\$12,935,143	\$6,785,143	\$1,150,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
\$12,184,373	Total	\$12,935,143	\$6,785,143	\$1,150,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
More (Less) Than Prior Year Program:		\$750,770	(\$399,230)	\$150,000	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S802500 Grease/Grit Facility

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

Benefit

Improved efficiency and operational reliability.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$681,000	Plans and Engineering	\$741,000	\$681,000	\$60,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,718,000	Land	\$2,645,000	\$2,718,000	(\$73,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,415,000	Construction	\$4,153,000	\$4,415,000	(\$262,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$390,000	Overhead	\$288,000	\$390,000	(\$102,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,204,000	Total	\$7,827,000	\$8,204,000	(\$377,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$377,000)	\$0	(\$377,000)	\$0	\$0	\$0	\$0	\$0	\$0

S802500 Grease/Grit Facility

Class: Wastewater

FY2023 Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Decrease in cost the result of savings realized.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2010 \$392,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$7,805,039	\$5,835	\$7,810,873
April 1, 2022	\$7,814,672	\$42	\$7,814,714

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$8,204,000	WasteWater Bonds	\$7,827,000	\$8,204,000	(\$377,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,204,000	Total	\$7,827,000	\$8,204,000	(\$377,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$377,000)	\$0	(\$377,000)	\$0	\$0	\$0	\$0	\$0	\$0

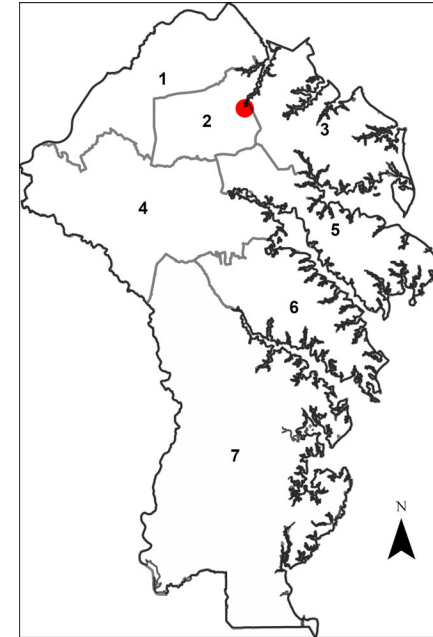
S805400 Marley SPS Upgrade

Class: Wastewater

FY2023 Council Approved

Description

Funds are requested for the planning, design, right of way acquisition and construction of various upgrades to the Marley Sewage Pumping Station. The purpose of the project is to replace and update mechanical equipment, electrical equipment, controls, etc. to improve the station's operation and reliability.



Benefit

Improved operation and reliability.

Amendment History

Removed \$1,000,000 via AMD #47 to Bill 46-13.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$245,811	Plans and Engineering	\$230,211	\$245,811	(\$15,600)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
(\$49,767)	Construction	(\$49,767)	(\$49,767)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$16,645	Overhead	\$15,645	\$16,645	(\$1,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$217,689	Total	\$201,089	\$217,689	(\$16,600)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$16,600)	\$0	(\$16,600)	\$0	\$0	\$0	\$0	\$0	\$0

S805400 Marley SPS Upgrade

Class: Wastewater

FY2023 Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2009 \$4,979,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$128,469	\$49,887	\$178,356
April 1, 2022	\$192,358	\$3,682	\$196,040

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$217,689	WasteWater Bonds	\$201,089	\$217,689	(\$16,600)	\$0	\$0	\$0	\$0	\$0	\$0
\$217,689	Total	\$201,089	\$217,689	(\$16,600)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$16,600)	\$0	(\$16,600)	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2023 Council Approved

Description

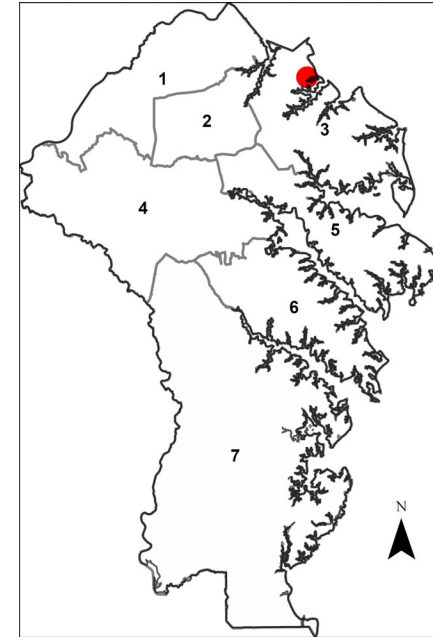
Funds are requested for the design and construction of facility upgrades at the Cox Creek WRF. Upgrades include modifications to the grit chamber, post aeration, chemical feed systems, gravity thickener, new grit classifiers, replacement of the maintenance building and related equipment. Project will 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.

Amendment History

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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,912,000	Plans and Engineering	\$1,912,000	\$1,912,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,209,929	Construction	\$7,049,929	\$6,209,929	\$840,000	\$0	\$0	\$0	\$0	\$0	\$0
(\$38,963)	Overhead	(\$4,963)	(\$38,963)	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0
\$8,083,966	Total	\$8,957,966	\$8,083,966	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$874,000	\$0	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2010 \$21,267,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$7,168,068	\$82,213	\$7,250,281
April 1, 2022	\$7,229,146	\$634,817	\$7,863,963

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$8,083,966	WasteWater Bonds	\$8,957,966	\$8,083,966	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0
\$8,083,966	Total	\$8,957,966	\$8,083,966	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$874,000	\$0	\$874,000	\$0	\$0	\$0	\$0	\$0	\$0

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

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.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$6,085,244	Plans and Engineering	\$6,373,332	\$4,573,332	\$300,000	\$300	\$300	\$300	\$300	\$300	
\$106,000	Land	\$111,000	\$81,000	\$5,000	\$5	\$5	\$5	\$5	\$5	
\$35,838,287	Construction	\$34,033,379	\$21,583,379	\$2,075,000	\$2,075	\$2,075	\$2,075	\$2,075	\$2,075	
\$2,168,114	Overhead	\$2,134,108	\$1,414,108	\$120,000	\$120	\$120	\$120	\$120	\$120	
\$44,197,645	Total	\$42,651,819	\$27,651,819	\$2,500,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
More (Less) Than Prior Year Program:		(\$1,545,826)	(\$4,045,826)	\$0	\$0	\$0	\$0	\$0	\$2,500	Multi-Yr

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY28 Funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2010 \$20,699,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$21,446,029	\$5,680,791	\$27,126,820
April 1, 2022	\$20,496,446	\$1,834,243	\$22,330,689

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$36,129,645	WasteWater Bonds	\$34,723,819	\$19,723,819	\$2,500,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
\$140,000	WasteWater PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$7,928,000	Bond Premium	\$7,928,000	\$7,928,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$44,197,645	Total	\$42,651,819	\$27,651,819	\$2,500,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
More (Less) Than Prior Year Program:		(\$1,545,826)	(\$4,045,826)	\$0	\$0	\$0	\$0	\$0	\$2,500	Multi-Yr

S806500 Patuxent WRF Exp

Class: Wastewater

FY2023 Council Approved

Description

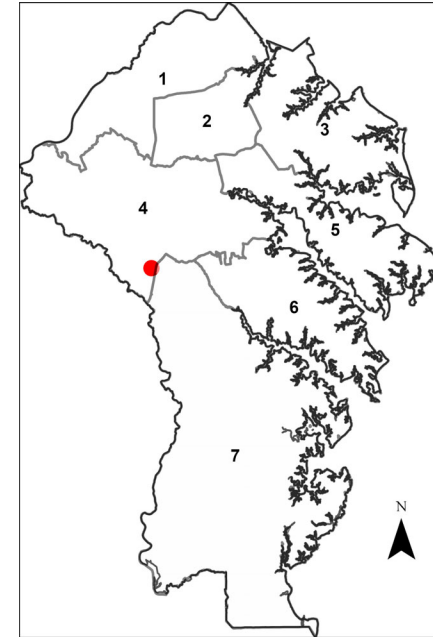
Funds are requested for the design, land acquisition and construction of an expansion of the Patuxent WRF to a capacity of 10.5 MGD. The project will include the addition of a new process train including tankage, process units, modifications to existing facilities, upgrade of the headworks and all other necessary work for the facility's expansion.

Benefit

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

Amendment History

County Council removed \$10k via AMD #83 to Bill 29-15, \$10k in FY17 via AMD #111 to Bill 29-15, and \$910k via AMD #35 to Bill 29-19.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,605,128	Plans and Engineering	\$5,404,540	\$5,499,540	(\$95,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$48,245,064	Construction	\$48,244,924	\$48,244,924	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,509,953	Overhead	\$2,502,413	\$2,505,413	(\$3,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$56,360,145	Total	\$56,151,878	\$56,249,878	(\$98,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$208,267)	(\$110,267)	(\$98,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806500 Patuxent WRF Exp

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2011 \$37,631,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$56,152,721	\$10,779	\$56,163,500
April 1, 2022	\$56,042,460		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$35,044,145	WasteWater Bonds	\$34,835,878	\$34,933,878	(\$98,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$21,316,000	Bond Premium	\$21,316,000	\$21,316,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$56,360,145	Total	\$56,151,878	\$56,249,878	(\$98,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$208,267)	(\$110,267)	(\$98,000)	\$0	\$0	\$0	\$0	\$0	\$0

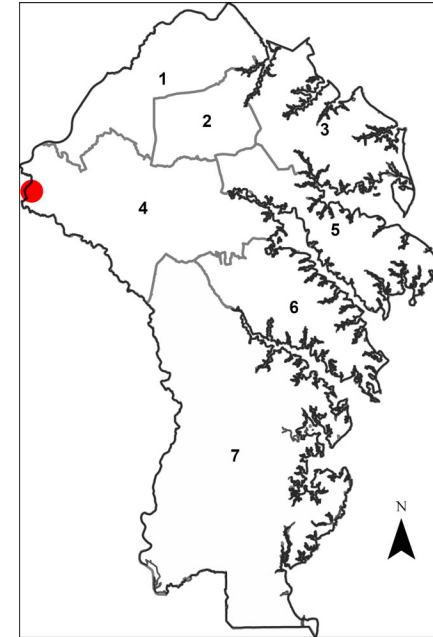
S806600 Maryland City WRF Exp

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,067,000	Plans and Engineering	\$5,087,000	\$5,067,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
\$37,388,000	Construction	\$37,660,000	\$37,388,000	\$272,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,961,600	Overhead	\$1,990,600	\$1,961,600	\$29,000	\$0	\$0	\$0	\$0	\$0	\$0
\$44,416,600	Total	\$44,737,600	\$44,416,600	\$321,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$321,000	\$0	\$321,000	\$0	\$0	\$0	\$0	\$0	\$0

S806600 Maryland City WRF Exp

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2011 \$15,495,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$43,854,823	\$218,053	\$44,072,876
April 1, 2022	\$43,875,060	\$459,556	\$44,334,616

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$40,732,600	WasteWater Bonds	\$41,053,600	\$40,732,600	\$321,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,684,000	Bond Premium	\$3,684,000	\$3,684,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$44,416,600	Total	\$44,737,600	\$44,416,600	\$321,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$321,000	\$0	\$321,000	\$0	\$0	\$0	\$0	\$0	\$0

S807300 Annapolis WRF Upgrade

Class: Wastewater

FY2023 Council Approved

Description

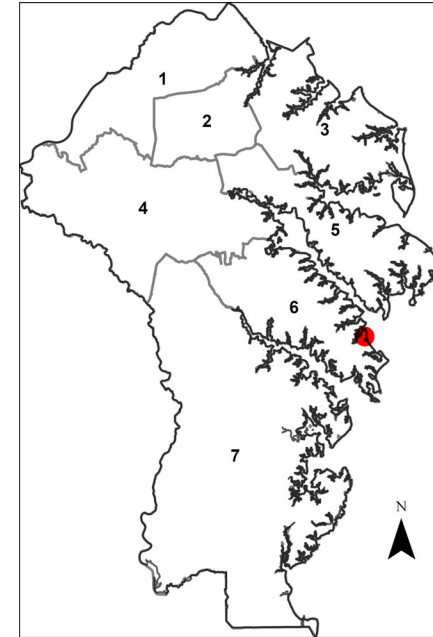
The purpose of this project is to design and construct water reclamation facility improvements to several unit processes including preliminary treatment, primary treatment, gravity sludge thickening, secondary clarification, and shellfish protection storage. Work includes replacement and rehabilitation of associated equipment, 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.

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.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,838,000	Plans and Engineering	\$2,788,000	\$1,838,000	\$950,000	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$17,516,000	Construction	\$29,165,000	\$9,226,000	\$16,155,000	\$3,784	\$0	\$0	\$0	\$0	\$0
\$873,000	Overhead	\$1,397,000	\$488,000	\$714,000	\$195	\$0	\$0	\$0	\$0	\$0
\$20,234,000	Total	\$33,357,000	\$11,559,000	\$17,819,000	\$3,979	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$13,123,000	\$0	\$9,144,000	\$3,979	\$0	\$0	\$0	\$0	\$0

S807300 Annapolis WRF Upgrade

Class: Wastewater

FY2023

Council Approved

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

Change 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: Added improvements to Emergency Power, Power Distribution, and Control Systems.
4. Change in Timing: Addition improvements to Emergency Power, Power Distribution, and Control Systems will extend the construction schedule,

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2016 \$7,811,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$757,194	\$6,582,294	\$7,339,488
April 1, 2022	\$5,144,380	\$3,485,326	\$8,629,706

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$20,234,000	WasteWater Bonds	\$33,357,000	\$11,559,000	\$17,819,000	\$3,979	\$0	\$0	\$0	\$0	\$0
\$20,234,000	Total	\$33,357,000	\$11,559,000	\$17,819,000	\$3,979	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$13,123,000	\$0	\$9,144,000	\$3,979	\$0	\$0	\$0	\$0	\$0

S807400 Broadneck Clarifier Rehab

Class: Wastewater

FY2023 Council Approved

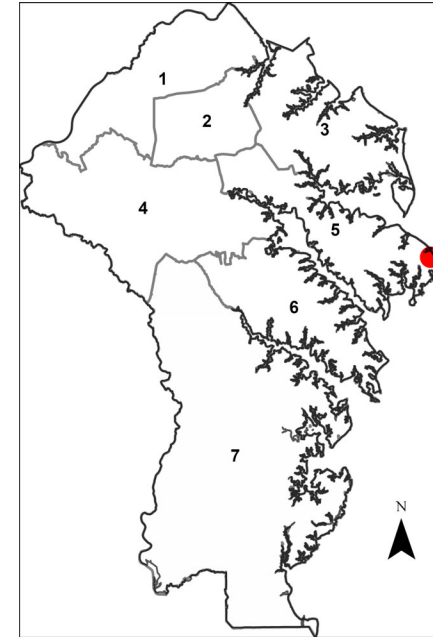
Description

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.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$405,000	Plans and Engineering	\$405,000	\$405,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,182,140	Construction	\$6,772,140	\$6,182,140	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0
\$332,000	Overhead	\$332,000	\$332,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,919,140	Total	\$7,509,140	\$6,919,140	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$590,000	\$0	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0

S807400 Broadneck Clarifier Rehab

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2018 \$4,525,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$268,767	\$115,005	\$383,772
April 1, 2022	\$280,977	\$6,200,080	\$6,481,057

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$6,919,140	WasteWater Bonds	\$7,509,140	\$6,919,140	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,919,140	Total	\$7,509,140	\$6,919,140	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$590,000	\$0	\$590,000	\$0	\$0	\$0	\$0	\$0	\$0

S807500 Heritage Harbor Swr Takeover

Class: Wastewater

FY2023 Council Approved

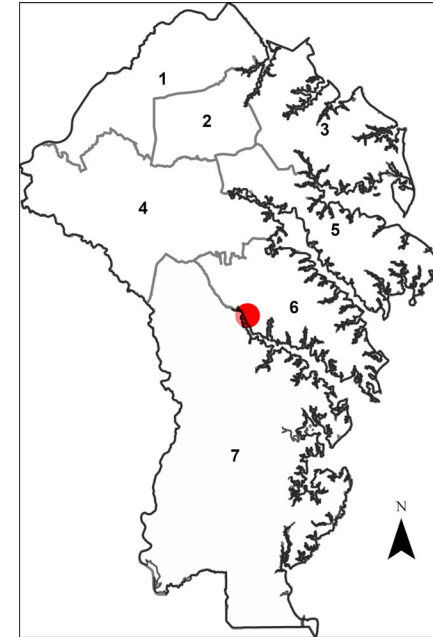
Description

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.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$158,000	Plans and Engineering	\$215,000	\$158,000	\$57,000	\$0	\$0	\$0	\$0	\$0	\$0
\$10,500	Land	\$1,500	\$10,500	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,081,500	Construction	\$1,506,500	\$1,081,500	\$425,000	\$0	\$0	\$0	\$0	\$0	\$0
\$50,000	Overhead	\$68,000	\$50,000	\$18,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,300,000	Total	\$1,791,000	\$1,300,000	\$491,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$491,000	\$0	\$491,000	\$0	\$0	\$0	\$0	\$0	\$0

S807500 Heritage Harbor Swr Takeover

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2018 \$2,248,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$113,885	\$92,641	\$206,526
April 1, 2022	\$119,781	\$89,400	\$209,180

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,300,000	WasteWater Bonds	\$1,791,000	\$1,300,000	\$491,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,300,000	Total	\$1,791,000	\$1,300,000	\$491,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$491,000	\$0	\$491,000	\$0	\$0	\$0	\$0	\$0	\$0

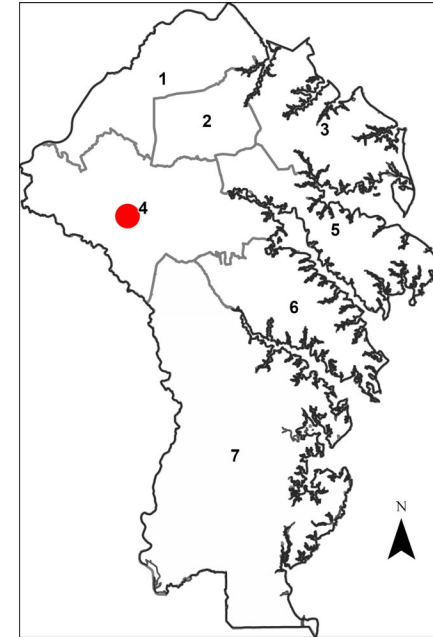
S807600 Piney Orchard SPS & FM

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,854,000	Plans and Engineering	\$2,854,000	\$2,854,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	(\$5,512,425)	(\$5,512,425)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$19,672,900	Construction	\$22,009,000	\$15,796,000	\$6,213,000	\$0	\$0	\$0	\$0	\$0	\$0
\$812,000	Overhead	\$702,527	\$507,527	\$195,000	\$0	\$0	\$0	\$0	\$0	\$0
\$23,345,900	Total	\$20,053,102	\$13,645,102	\$6,408,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$3,292,798)	(\$5,667,898)	\$2,375,100	\$0	\$0	\$0	\$0	\$0	\$0

S807600 Piney Orchard SPS & FM

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2018 \$17,995,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$5,966,149	\$1,568,895	\$7,535,044
April 1, 2022	\$766,669	\$1,328,746	\$2,095,415

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$14,016,900	WasteWater Bonds	\$10,793,102	\$9,511,102	\$1,282,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,134,000	Other State Grants	\$9,260,000	\$4,134,000	\$5,126,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,195,000	Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$23,345,900	Total	\$20,053,102	\$13,645,102	\$6,408,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$3,292,798)	(\$5,667,898)	\$2,375,100	\$0	\$0	\$0	\$0	\$0	\$0

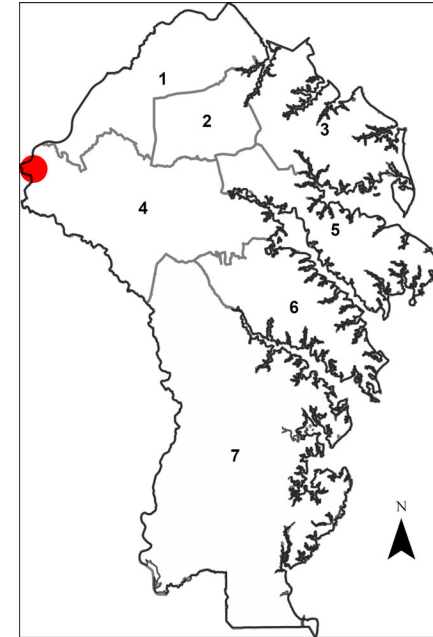
S807700 Brock Bridge Road Sewer Repl

Class: Wastewater

FY2023 Council Approved

Description

Project includes design, bid, and construction of replacement of approximately 1800 LF of gravity sewer main along Brock Bridge Road and new connection to race track sewer flows.



Benefit

The project will increase capacity in the area to meet projected flows.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$277,000	Plans and Engineering	\$277,000	\$277,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$34,000	Land	\$34,000	\$34,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,644,000	Construction	\$1,440,600	\$1,644,000	(\$203,400)	\$0	\$0	\$0	\$0	\$0	\$0
\$77,000	Overhead	\$49,400	\$77,000	(\$27,600)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,032,000	Total	\$1,801,000	\$2,032,000	(\$231,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$231,000)	\$0	(\$231,000)	\$0	\$0	\$0	\$0	\$0	\$0

S807700 Brock Bridge Road Sewer Repl

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2018 \$5,403,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$1,695,976	\$167,213	\$1,863,189
April 1, 2022	\$1,731,051	\$104,119	\$1,835,170

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,032,000	WasteWater Bonds	\$1,801,000	\$2,032,000	(\$231,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,032,000	Total	\$1,801,000	\$2,032,000	(\$231,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$231,000)	\$0	(\$231,000)	\$0	\$0	\$0	\$0	\$0	\$0

S808200 Grinder Pump Repl/Upgrd Prgm

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

Benefit

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

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$176,000	Plans and Engineering	\$198,000	\$66,000	\$22,000	\$22	\$22	\$22	\$22	\$22	
\$32,000	Land	\$36,000	\$12,000	\$4,000	\$4	\$4	\$4	\$4	\$4	
\$3,600,000	Construction	\$4,050,000	\$1,350,000	\$450,000	\$450	\$450	\$450	\$450	\$450	
\$192,000	Overhead	\$216,000	\$72,000	\$24,000	\$24	\$24	\$24	\$24	\$24	
\$4,000,000	Total	\$4,500,000	\$1,500,000	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

S808200 Grinder Pump Repl/Upgrd Prgm

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on current estimate, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2019 \$3,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$95,614	\$233,049	\$328,663
April 1, 2022	\$176,568	\$209,109	\$385,677

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,000,000	WasteWater PayGo	\$4,000,000	\$1,500,000	\$0	\$500	\$500	\$500	\$500	\$500	
	ARP Grant	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	
\$4,000,000	Total	\$4,500,000	\$1,500,000	\$500,000	\$500	\$500	\$500	\$500	\$500	
More (Less) Than Prior Year Program:		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

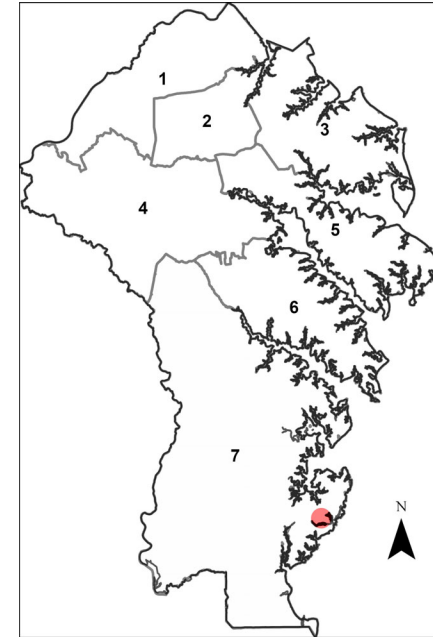
S808300 Broadwater Ops Bldg Addition

Class: Wastewater

FY2023 Council Approved

Description

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 be also be provided with connectivity to the facility process control system to serve as an Operations Building.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$169,000	Plans and Engineering	\$282,000	\$169,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,823,000	Construction	\$2,375,000	\$1,823,000	\$552,000	\$0	\$0	\$0	\$0	\$0	\$0
\$80,000	Overhead	\$106,000	\$80,000	\$26,000	\$0	\$0	\$0	\$0	\$0	\$0
\$13,000	Furn., Fixtures and Equip.	\$25,000	\$13,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,085,000	Total	\$2,788,000	\$2,085,000	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$703,000	\$0	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0

S808300 Broadwater Ops Bldg Addition

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2019 \$1,685,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$253,736	\$242,724	\$496,460
April 1, 2022	\$316,022	\$1,590,954	\$1,906,976

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,085,000	WasteWater Bonds	\$2,788,000	\$2,085,000	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,085,000	Total	\$2,788,000	\$2,085,000	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$703,000	\$0	\$703,000	\$0	\$0	\$0	\$0	\$0	\$0

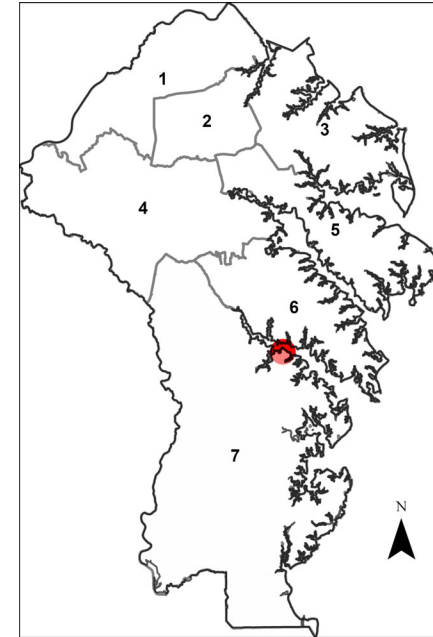
S808500 Edgewater Beach Sewer

Class: Wastewater

FY2023 Council Approved

Description

Funds are requested for the design, right of way acquisition and construction of a sanitary sewer collection system serving the Edgewater Beach Community. This will be extended as part of a petition project.



Benefit

This project will extend public sewer to communities on septic systems.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,342,000	Plans and Engineering	\$1,342,000	\$1,342,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,648,000	Construction	\$12,167,000	\$0	\$0	\$0	\$12,167	\$0	\$0	\$0	\$0
\$440,000	Overhead	\$364,000	\$67,000	\$0	\$0	\$297	\$0	\$0	\$0	\$0
\$11,430,000	Total	\$13,873,000	\$1,409,000	\$0	\$0	\$12,464	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$2,443,000	\$0	(\$10,021,000)	\$0	\$12,464	\$0	\$0	\$0	\$0

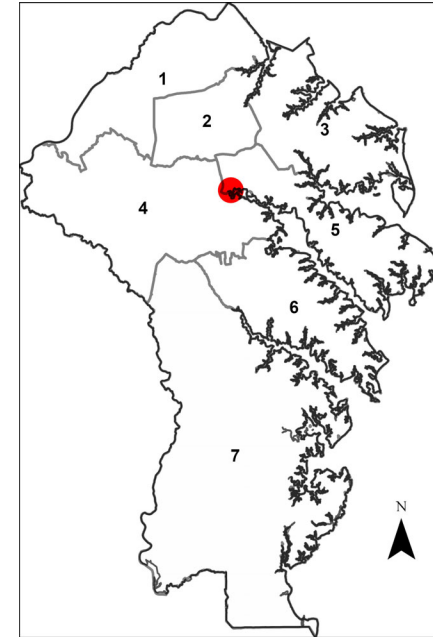
S808700 Point Field Landing WW Exten.

Class: Wastewater

FY2023 Council Approved

Description

This project will provide for the design, right-of-way, and construction of a public sewer extension in the Point Field Landing area. The project will include approximately 2,700 feet of new sewer and provide for the connection of 41 properties. This is in response to a valid petition.



Benefit

This project will extend public sewer service in response to a valid petition.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$180,000	Plans and Engineering	\$8,000	\$180,000	(\$172,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,873,000	Construction	\$0	\$1,873,000	(\$1,873,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$82,000	Overhead	\$2,000	\$82,000	(\$80,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,135,000	Total	\$10,000	\$2,135,000	(\$2,125,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,125,000)	\$0	(\$2,125,000)	\$0	\$0	\$0	\$0	\$0	\$0

S808700 Point Field Landing WW Exten.

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Petition voted down, project to be closed
3. Change in Scope None
4. Change in Timing: Petition voted down, project to be closed

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2020 \$1,784,000

Financial Activity

Expended	Encumbered	Total
		April 1, 2021
	\$4,196	
		April 1, 2022
	\$4,065	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,135,000	WasteWater Bonds	\$10,000	\$2,135,000	(\$2,125,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,135,000	Total	\$10,000	\$2,135,000	(\$2,125,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,125,000)	\$0	(\$2,125,000)	\$0	\$0	\$0	\$0	\$0	\$0

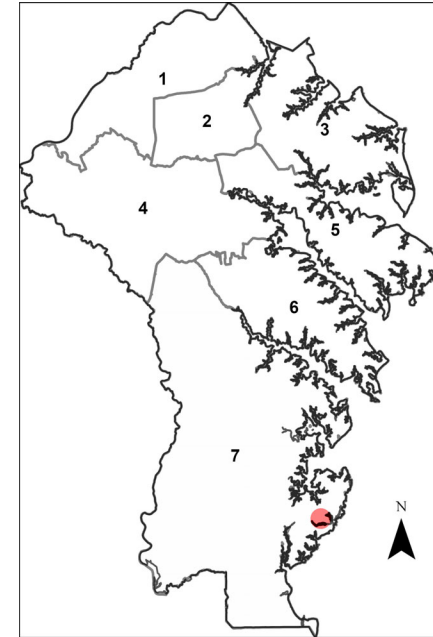
S809000 Broadwater WRF Grit Sys Repl.

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$397,000	Plans and Engineering	\$598,000	\$397,000	\$201,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,688,000	Construction	\$5,302,000	\$4,688,000	\$614,000	\$0	\$0	\$0	\$0	\$0	\$0
\$203,000	Overhead	\$236,000	\$203,000	\$33,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,288,000	Total	\$6,136,000	\$5,288,000	\$848,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$848,000	\$0	\$848,000	\$0	\$0	\$0	\$0	\$0	\$0

S809000 Broadwater WRF Grit Sys Repl.

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2020 \$4,283,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$28,532	\$45,577	\$74,109
April 1, 2022	\$94,031	\$424,327	\$518,358

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,288,000	WasteWater Bonds	\$6,136,000	\$5,288,000	\$848,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,288,000	Total	\$6,136,000	\$5,288,000	\$848,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$848,000	\$0	\$848,000	\$0	\$0	\$0	\$0	\$0	\$0

S809300 Broadwater WRF Blower Bldg Upg

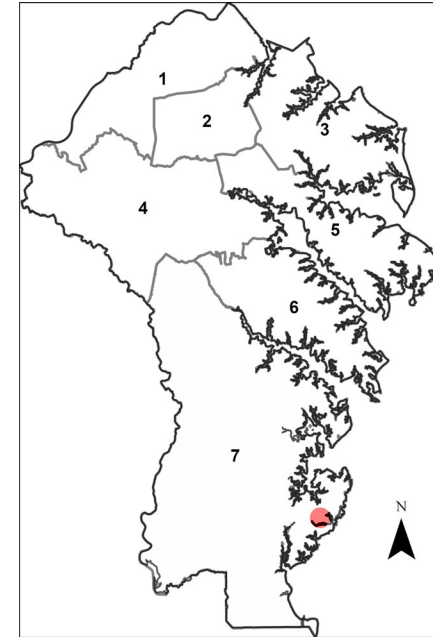
Class: Wastewater

FY2023

Council Approved

Description

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

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$316,000	Plans and Engineering	\$341,000	\$316,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,924,000	Construction	\$2,401,000	\$1,924,000	\$477,000	\$0	\$0	\$0	\$0	\$0	\$0
\$90,000	Overhead	\$110,000	\$90,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,330,000	Total	\$2,852,000	\$2,330,000	\$522,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$522,000	\$0	\$522,000	\$0	\$0	\$0	\$0	\$0	\$0

S809300 Broadwater WRF Blower Bldg Upg

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 2022 \$2,330,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$14,460	\$1,943,004	\$1,957,464

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,330,000	WasteWater Bonds	\$2,852,000	\$2,330,000	\$522,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,330,000	Total	\$2,852,000	\$2,330,000	\$522,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$522,000	\$0	\$522,000	\$0	\$0	\$0	\$0	\$0	\$0

S809400 Cox Creek Permeate Piping Modi

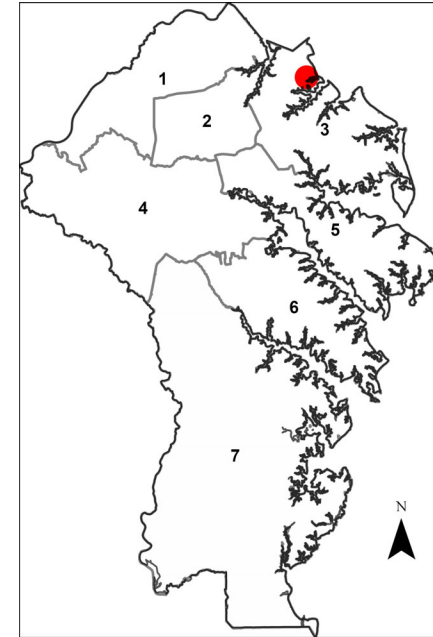
Class: Wastewater

FY2023

Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$277,000	Plans and Engineering	\$277,000	\$277,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,591,000	Construction	\$1,591,000	\$0	\$1,591,000	\$0	\$0	\$0	\$0	\$0	\$0
\$75,000	Overhead	\$75,000	\$11,000	\$64,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,943,000	Total	\$1,943,000	\$288,000	\$1,655,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S809400 Cox Creek Permeate Piping Modi

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 2022 \$1,943,000

Financial Activity

Expended	Encumbered	Total
April 1, 2021	\$0	\$0
April 1, 2022	\$620	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,943,000	WasteWater Bonds	\$1,943,000	\$288,000	\$1,655,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,943,000	Total	\$1,943,000	\$288,000	\$1,655,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

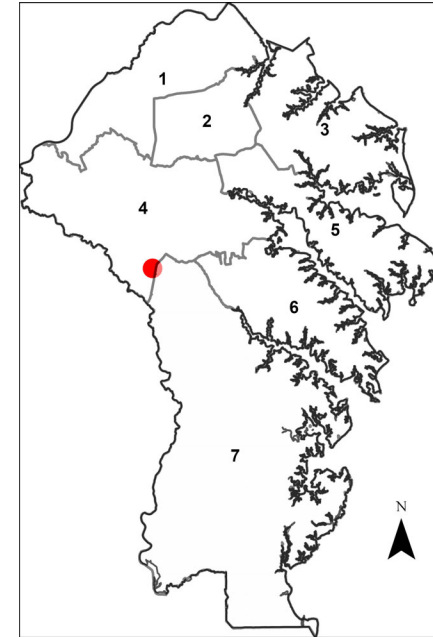
S809500 Patuxent Clarifier Rehab

Class: Wastewater

FY2023 Council Approved

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 improvements to the scum handling equipment, and extension of the utility water lines to the clarifiers and oxidation ditches.



Benefit

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

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$548,000	Plans and Engineering	\$661,000	\$548,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,727,000	Construction	\$7,453,000	\$0	\$0	\$7,453	\$0	\$0	\$0	\$0	\$0
\$251,000	Overhead	\$325,000	\$22,000	\$0	\$303	\$0	\$0	\$0	\$0	\$0
\$6,526,000	Total	\$8,439,000	\$570,000	\$113,000	\$7,756	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,913,000	\$0	(\$5,843,000)	\$7,756	\$0	\$0	\$0	\$0	\$0

S809500 Patuxent Clarifier Rehab

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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 was moved to FY24

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 2022 \$6,526,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$6,404	\$303,682	\$310,086

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$6,526,000	WasteWater Bonds	\$8,439,000	\$570,000	\$113,000	\$7,756	\$0	\$0	\$0	\$0	\$0
\$6,526,000	Total	\$8,439,000	\$570,000	\$113,000	\$7,756	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,913,000	\$0	(\$5,843,000)	\$7,756	\$0	\$0	\$0	\$0	\$0

S809900 BioPhosphorous Treatment Remov Class: Wastewater FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$384,000	\$0	\$384,000	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$16,000	\$0	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0

S809900 BioPhosphorous Treatment Remov

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 0 \$0

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0

S810000 Managed Aquifer Recharge

Class: Wastewater

FY2023 Council Approved

Description

Funds are requested for the planning, implementation, design, construction, and inspection work related to the development and implementation of a managed aquifer recharge program at demonstration scale. 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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$7,810,000	\$0	\$2,710,000	\$5,100	\$0	\$0	\$0	\$0	\$0
	Land	\$100,000	\$0	\$0	\$100	\$0	\$0	\$0	\$0	\$0
	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$333,000	\$0	\$114,000	\$219	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$8,243,000	\$0	\$2,824,000	\$5,419	\$0	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$8,243,000	\$0	\$2,824,000	\$5,419	\$0	\$0	\$0	\$0	\$0

S810000 Managed Aquifer Recharge

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 0 \$0

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$8,243,000	\$0	\$2,824,000	\$5,419	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$8,243,000	\$0	\$2,824,000	\$5,419	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$8,243,000	\$0	\$2,824,000	\$5,419	\$0	\$0	\$0	\$0	\$0

S810100 Minor System Upgrades

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$3,674,000	\$0	\$1,444,000	\$1,158	\$737	\$335	\$0	\$0	\$0
	Land	\$180,000	\$0	\$60,000	\$60	\$30	\$30	\$0	\$0	\$0
	Construction	\$41,003,000	\$0	\$0	\$16,111	\$12,934	\$8,280	\$3,678	\$0	\$0
	Overhead	\$1,795,000	\$0	\$0	\$705	\$566	\$362	\$162	\$0	\$0
\$0	Total	\$46,652,000	\$0	\$1,504,000	\$18,034	\$14,267	\$9,007	\$3,840	\$0	\$0
	More (Less) Than Prior Year Program:	\$46,652,000	\$0	\$1,504,000	\$18,034	\$14,267	\$9,007	\$3,840	\$0	\$0

S810100 Minor System Upgrades

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 0 \$0

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$4,665,000	\$0	\$150,000	\$1,803	\$1,427	\$901	\$384	\$0	\$0
	Other State Grants	\$37,322,000	\$0	\$1,204,000	\$14,428	\$11,413	\$7,205	\$3,072	\$0	\$0
	Other Funding Sources	\$4,665,000	\$0	\$150,000	\$1,803	\$1,427	\$901	\$384	\$0	\$0
\$0	Total	\$46,652,000	\$0	\$1,504,000	\$18,034	\$14,267	\$9,007	\$3,840	\$0	\$0
	More (Less) Than Prior Year Program:	\$46,652,000	\$0	\$1,504,000	\$18,034	\$14,267	\$9,007	\$3,840	\$0	\$0

S810200 Regional Bio-Solids Facility

Class: Wastewater

FY2023 Council Approved

Description

Funds are requested for the planning, land acquisition, design, construction, and inspection work related construction of a new regional bio-solids 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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$9,487,000	\$0	\$2,680,000	\$6,807	\$0	\$0	\$0	\$0	\$0
	Land	\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$91,946,000	\$0	\$0	\$0	\$91,946	\$0	\$0	\$0	\$0
	Overhead	\$4,209,000	\$0	\$120,000	\$258	\$3,831	\$0	\$0	\$0	\$0
\$0	Total	\$105,842,000	\$0	\$3,000,000	\$7,065	\$95,777	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$105,842,000	\$0	\$3,000,000	\$7,065	\$95,777	\$0	\$0	\$0	\$0

S810200 Regional Bio-Solids Facility

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 0 \$0

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$105,842,000	\$0	\$3,000,000	\$7,065	\$95,777	\$0	\$0	\$0	\$0
\$0	Total	\$105,842,000	\$0	\$3,000,000	\$7,065	\$95,777	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$105,842,000	\$0	\$3,000,000	\$7,065	\$95,777	\$0	\$0	\$0	\$0

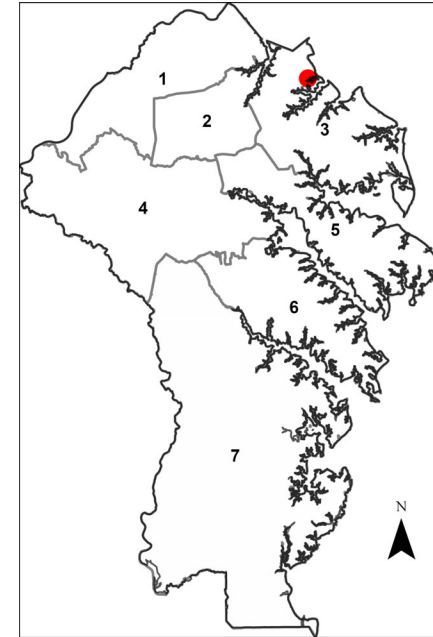
S810300 Cox Creek Septage Fac Improve

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$260,000	\$0	\$260,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$2,911,000	\$0	\$2,911,000	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$129,000	\$0	\$129,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$3,300,000	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$3,300,000	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0

S810300 Cox Creek Septage Fac Improve

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact:

Initial Total Project Cost Estimate

FY 0 \$0

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$0	\$0	\$0
April 1, 2022	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	WasteWater Bonds	\$3,300,000	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$3,300,000	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$3,300,000	\$0	\$3,300,000	\$0	\$0	\$0	\$0	\$0	\$0

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

Benefit

Improves reliability of operation.

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$4,159,225)	Plans and Engineering	(\$6,427,891)	(\$6,427,891)	\$0	\$0	\$0	\$0	\$0	\$0	
\$21,653	Land	\$12,938	\$12,938	\$0	\$0	\$0	\$0	\$0	\$0	
(\$45,441,091)	Construction	(\$54,084,323)	(\$54,084,323)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$2,457,310)	Overhead	(\$2,901,765)	(\$2,901,765)	\$0	\$0	\$0	\$0	\$0	\$0	
‡190,524,191	Other	‡217,524,191	‡123,524,191	\$16,500,000	\$14,500	\$15,000	\$15,500	\$16,000	\$16,500	
‡138,488,218	Total	‡154,123,150	\$60,123,150	\$16,500,000	\$14,500	\$15,000	\$15,500	\$16,000	\$16,500	
More (Less) Than Prior Year Program:		\$15,634,932	(\$11,365,068)	\$3,100,000	\$1,100	\$1,600	\$2,100	\$2,600	\$16,500	Multi-Yr

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased based on backlog, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1986 \$1,259,400

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$34,731,405	\$17,552,975	\$52,284,380
April 1, 2022	\$32,420,112	\$21,654,719	\$54,074,831

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$129,625,218	WasteWater Bonds	\$139,260,150	\$51,260,150	\$10,500,000	\$14,500	\$15,000	\$15,500	\$16,000	\$16,500	
\$8,290,000	WasteWater PayGo	\$8,290,000	\$8,290,000	\$0	\$0	\$0	\$0	\$0	\$0	
	Other State Grants	\$3,100,000	\$0	\$3,100,000	\$0	\$0	\$0	\$0	\$0	
\$573,000	Bond Premium	\$3,473,000	\$573,000	\$2,900,000	\$0	\$0	\$0	\$0	\$0	
\$138,488,218	Total	\$154,123,150	\$60,123,150	\$16,500,000	\$14,500	\$15,000	\$15,500	\$16,000	\$16,500	
	More (Less) Than Prior Year Program:	\$15,634,932	(\$11,365,068)	\$3,100,000	\$1,100	\$1,600	\$2,100	\$2,600	\$16,500	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2023

Council Approved

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.

Location

Countywide

Benefit

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

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$12,517,450	Other	\$6,294,537	\$3,114,537	\$0	\$0	\$795	\$795	\$795	\$795	
\$12,517,450	Total	\$6,294,537	\$3,114,537	\$0	\$0	\$795	\$795	\$795	\$795	
More (Less) Than Prior Year Program:		(\$6,222,913)	(\$552,913)	(\$1,770,000)	(\$1,770)	(\$975)	(\$975)	(\$975)	\$795	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2023 Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Decreased based on current estimate, Added FY28 funding.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1986 \$8,919,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$1,422,724	\$481,034	\$1,903,758
April 1, 2022	\$869,812	\$928,384	\$1,798,196

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$75,266	Water Bonds	\$75,266	\$75,266	\$0	\$0	\$0	\$0	\$0	\$0	
\$410,324	WasteWater Bonds	\$410,324	\$410,324	\$0	\$0	\$0	\$0	\$0	\$0	
\$5,915,780	WasteWater PayGo	\$974,780	\$1,355,780	(\$541,000)	\$0	\$40	\$40	\$40	\$40	
\$6,116,083	Water PayGo	\$3,784,170	\$1,273,170	(\$509,000)	\$0	\$755	\$755	\$755	\$755	
	ARP Grant	\$1,050,000	\$0	\$1,050,000	\$0	\$0	\$0	\$0	\$0	
(\$3)	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0	
\$12,517,450	Total	\$6,294,537	\$3,114,537	\$0	\$0	\$795	\$795	\$795	\$795	
More (Less) Than Prior Year Program:		(\$6,222,912)	(\$552,912)	(\$1,770,000)	(\$1,770)	(\$975)	(\$975)	(\$975)	\$795	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

Benefit

Provides for future planning of contemplated projects.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$765,042)	Plans and Engineering	(\$765,033)	(\$765,033)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$83,277)	Overhead	(\$85,492)	(\$85,492)	\$0	\$0	\$0	\$0	\$0	\$0	
\$26,943,157	Other	\$32,930,157	\$16,719,157	\$4,430,000	\$3,553	\$2,583	\$2,050	\$1,710	\$1,885	
\$26,094,837	Total	\$32,079,632	\$15,868,632	\$4,430,000	\$3,553	\$2,583	\$2,050	\$1,710	\$1,885	
More (Less) Than Prior Year Program:		\$5,984,794	(\$2,206)	\$1,470,000	\$1,463	\$797	\$156	\$216	\$1,885	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current needs, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 1993 \$400,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$4,527,964	\$1,955,409	\$6,483,372
April 1, 2022	\$6,255,306	\$2,805,385	\$9,060,691

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$25,947,837	WasteWater PayGo	\$25,992,632	\$15,721,632	(\$1,510,000)	\$3,553	\$2,583	\$2,050	\$1,710	\$1,885	
	ARP Grant	\$5,940,000	\$0	\$5,940,000	\$0	\$0	\$0	\$0	\$0	
\$147,000	Other State Grants	\$147,000	\$147,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$26,094,837	Total	\$32,079,632	\$15,868,632	\$4,430,000	\$3,553	\$2,583	\$2,050	\$1,710	\$1,885	
	More (Less) Than Prior Year Program:	\$5,984,795	(\$2,205)	\$1,470,000	\$1,463	\$797	\$156	\$216	\$1,885	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

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.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$29,636)	Plans and Engineering	(\$39,678)	(\$39,678)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$86,193)	Construction	(\$87,195)	(\$87,195)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$6,435)	Overhead	(\$6,862)	(\$6,862)	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,916,341	Other	\$4,916,341	\$3,916,341	\$0	\$200	\$200	\$200	\$200	\$200	
\$4,794,077	Total	\$4,782,606	\$3,782,606	\$0	\$200	\$200	\$200	\$200	\$200	
More (Less) Than Prior Year Program:		(\$11,471)	(\$11,471)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Reduced based on current estimate, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1993 \$600,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$774,517	\$546,662	\$1,321,180
April 1, 2022	\$998,921	\$320,613	\$1,319,534

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,000,000	WasteWater Bonds	\$1,000,000	\$0	\$0	\$200	\$200	\$200	\$200	\$200	
\$3,794,077	WasteWater PayGo	\$3,782,606	\$3,782,606	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,794,077	Total	\$4,782,606	\$3,782,606	\$0	\$200	\$200	\$200	\$200	\$200	
More (Less) Than Prior Year Program:		(\$11,471)	(\$11,471)	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

Z533200 Routine Sewer Extensions

Class: Wastewater

FY2023 Council Approved

Description

Funds are approved and programmed to design extensions, provide for land acquisition, and construct minor extensions to the existing sewer system, as petitioned by residents 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. This project also enables the county to respond to emergency situations mandated by the State Health Department and/or the Maryland Department of the Environment. Construction of major extensions (those estimated to cost more than \$250,000) are programmed and budgeted as separate capital projects.

Location

Countywide

Benefit

Provides for orderly service expansion.

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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$312,341)	Plans and Engineering	(\$327,617)	(\$327,617)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$11,200)	Land	(\$11,200)	(\$11,200)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$460,062)	Construction	(\$460,640)	(\$460,640)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$42,155)	Overhead	(\$42,778)	(\$42,778)	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,324,145	Other	\$3,574,145	\$2,074,145	\$0	\$300	\$300	\$300	\$300	\$300	
\$2,498,386	Total	\$2,731,910	\$1,231,910	\$0	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$233,524	(\$16,476)	(\$250,000)	\$50	\$50	\$50	\$50	\$300	Multi-Yr

Z533200 Routine Sewer Extensions

Class: Wastewater

FY2023

Council Approved

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on cost for future years, FY23 funding not needed, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1976 \$94,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$127,335	\$15,734	\$143,069
April 1, 2022	\$117,623	\$9,798	\$127,422

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,498,386	WasteWater Bonds	\$2,731,910	\$1,231,910	\$0	\$300	\$300	\$300	\$300	\$300	
\$2,498,386	Total	\$2,731,910	\$1,231,910	\$0	\$300	\$300	\$300	\$300	\$300	
More (Less) Than Prior Year Program:		\$233,524	(\$16,476)	(\$250,000)	\$50	\$50	\$50	\$50	\$300	Multi-Yr

S741300 Chg Against WW Clsd Projects

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

Benefit

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

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$341,075	Other	\$341,075	\$341,075	\$0	\$0	\$0	\$0	\$0	\$0	
\$341,075	Total	\$341,075	\$341,075	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S741300 Chg Against WW Clsd Projects

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1986 \$900,000

Financial Activity

Expended	Encumbered	Total
April 1, 2021	\$128,399	
April 1, 2022	\$130,164	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$341,075	WasteWater Bonds	\$341,075	\$341,075	\$0	\$0	\$0	\$0	\$0	\$0	
\$341,075	Total	\$341,075	\$341,075	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S769700 Mayo WRF Expans

Class: Wastewater

FY2023 Council Approved

Description

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.

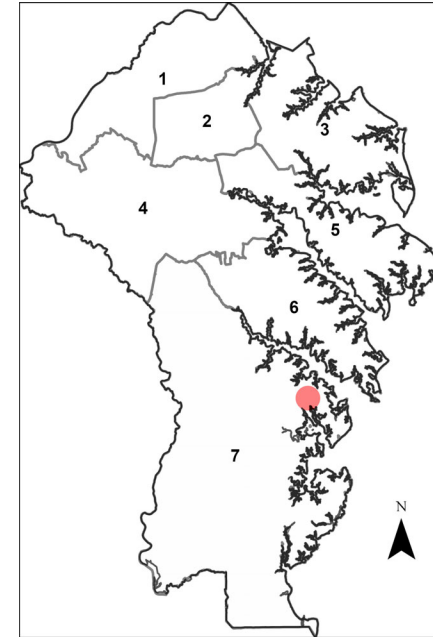
Project scope is amended to allow rehabilitation of existing plant treatment components to continue reliable operation of plant until MDE permit issues are resolved and construction of new facility is complete.

Benefit

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

Amendment History

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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,253,669	Plans and Engineering	\$5,253,669	\$5,253,669	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$747,000	Land	\$747,000	\$747,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$23,513,612	Construction	\$23,513,612	\$23,513,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,350,870	Overhead	\$1,350,870	\$1,350,870	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$30,865,151	Total	\$30,865,151	\$30,865,151	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S769700 Mayo WRF Expans

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 1994 \$2,581,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$24,506,751	\$4,215,614	\$28,722,364
April 1, 2022	\$28,325,857	\$805,920	\$29,131,777

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$20,865,151	WasteWater Bonds	\$20,865,151	\$20,865,151	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000,000	Other State Grants	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$30,865,151	Total	\$30,865,151	\$30,865,151	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800600 Dewatering Facilities

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

Benefit

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

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,918,000	Plans and Engineering	\$3,918,000	\$3,918,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$16,000	Land	\$16,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$41,682,936	Construction	\$41,682,936	\$41,682,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,957,463	Overhead	\$1,957,463	\$1,957,463	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,574,399	Total	\$47,574,399	\$47,574,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800600 Dewatering Facilities

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$13,274,700

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$45,878,024	\$356,844	\$46,234,868
April 1, 2022	\$46,208,608	\$149,946	\$46,358,554

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$38,905,399	WasteWater Bonds	\$38,905,399	\$38,905,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000,000	Other State Grants	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,669,000	Bond Premium	\$7,669,000	\$7,669,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,574,399	Total	\$47,574,399	\$47,574,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

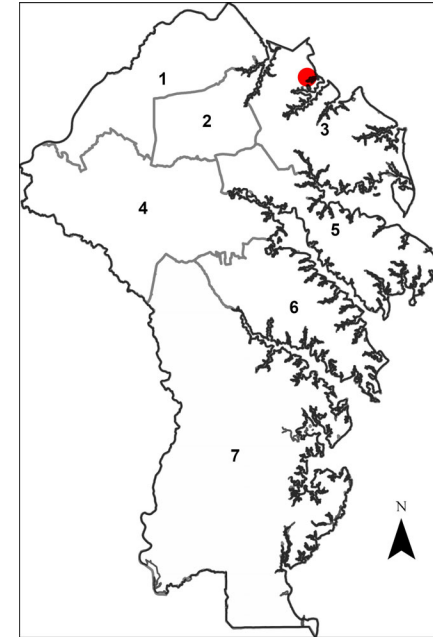
S802200 Cox Creek WRF ENR

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$14,540,107	Plans and Engineering	\$14,540,107	\$14,540,107	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,000	Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
‡123,953,949	Construction	‡123,953,949	‡123,953,949	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,349,908	Overhead	\$2,349,908	\$2,349,908	\$0	\$0	\$0	\$0	\$0	\$0	\$0
‡140,855,964	Total	‡140,855,964	‡140,855,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802200 Cox Creek WRF ENR

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$155,011,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$138,866,328	\$202,198	\$139,068,526
April 1, 2022	\$139,066,710	\$1,652,245	\$140,718,954

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$60,026,243	WasteWater Bonds	\$60,026,243	\$60,026,243	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$80,829,721	Other State Grants	\$80,829,721	\$80,829,721	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$140,855,964	Total	\$140,855,964	\$140,855,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802800 Sewer Proj Mgmt

Class: Wastewater

FY2023 Council Approved

Description

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.

Location

Countywide

Benefit

Improved efficiency during execution of the Capital Improvement Program.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,000,000	Other	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S802800 Sewer Proj Mgmt

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2010 \$1,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$193,807	\$1,805,869	\$1,999,676
April 1, 2022	\$0	\$1,009,436	\$1,009,436

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,000,000	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S802900 Annapolis WRF ENR

Class: Wastewater

FY2023 Council Approved

Description

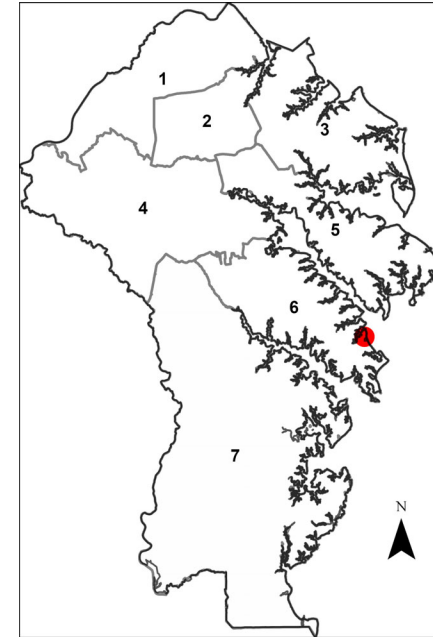
Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Annapolis WRF to meet Maryland Department of the Environment guidelines (3.0 mg/l TN and 0.3 mg/l TP). The construction of this project is funded over 2 years.

Benefit

To meet regulatory compliance requirements and environmental protection.

Amendment History

County Council removed \$6,640,055 via AMD #111 to Bill 27-11.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,386,483	Plans and Engineering	\$1,386,483	\$1,386,483	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$20,215,945	Construction	\$20,215,945	\$20,215,945	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,198,351	Overhead	\$1,198,351	\$1,198,351	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,806,779	Total	\$22,806,779	\$22,806,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802900 Annapolis WRF ENR

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$21,142,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$22,356,203	\$61,678	\$22,417,882
April 1, 2022	\$22,408,006	\$12,433	\$22,420,439

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$8,106,779	WasteWater Bonds	\$8,106,779	\$8,106,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$14,700,000	Other State Grants	\$14,700,000	\$14,700,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,806,779	Total	\$22,806,779	\$22,806,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2023

Council Approved

Description

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).

Location

Countywide

Benefit

Compliance with interjurisdictional agreement(s).

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,985,000	Other	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,985,000	Total	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$735,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$3,510,046	\$1,064,489	\$4,574,535
April 1, 2022	\$3,620,241	\$954,294	\$4,574,535

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$530,000	WasteWater Bonds	\$530,000	\$530,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,455,000	WasteWater PayGo	\$4,455,000	\$4,455,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,985,000	Total	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S804600 WW System Security

Class: Wastewater

FY2023

Council Approved

Description

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

Location

Countywide

Benefit

Increase security of vital utility infrastructure.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$386,660	Plans and Engineering	\$386,660	\$386,660	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,437,465	Construction	\$1,437,465	\$1,437,465	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$112,804	Overhead	\$112,804	\$112,804	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,946,928	Total	\$1,946,928	\$1,946,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804600 WW System Security

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2008 \$1,000,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$134,196	\$51,779	\$185,975
April 1, 2022	\$229,512	\$76,589	\$306,100

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,946,928	WasteWater PayGo	\$1,946,928	\$1,946,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,946,928	Total	\$1,946,928	\$1,946,928	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

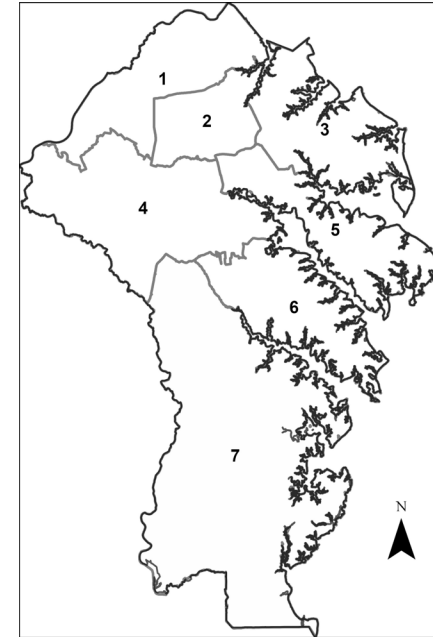
S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,018,000	Other	\$2,018,000	\$2,018,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,018,000	Total	\$2,018,000	\$2,018,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2009 \$931,000

Financial Activity

Expended	Encumbered	Total
April 1, 2021	\$1,942,778	
April 1, 2022	\$1,942,778	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,018,000	WasteWater Bonds	\$2,018,000	\$2,018,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,018,000	Total	\$2,018,000	\$2,018,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

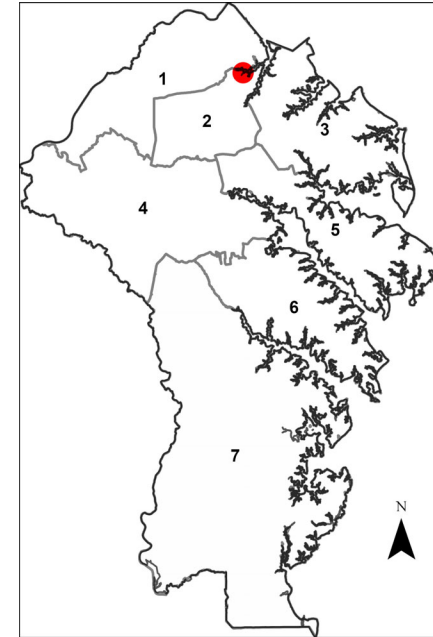
S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2023 Council Approved

Description

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 forcemain segments and will improve operational reliability.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$825,000	Plans and Engineering	\$825,000	\$825,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$365,000	Land	\$365,000	\$365,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,710,000	Construction	\$10,710,000	\$10,710,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$599,000	Overhead	\$599,000	\$599,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,499,000	Total	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2011 \$7,025,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$10,098,654	\$129,281	\$10,227,935
April 1, 2022	\$10,101,648	\$128,565	\$10,230,212

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$12,499,000	WasteWater Bonds	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,499,000	Total	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2023 Council Approved

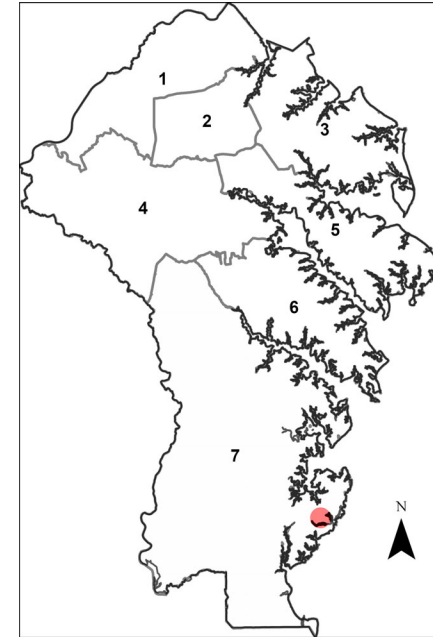
Description

This project includes the planning, design and construction to upgrade the headworks facility at the Broadwater WRF. Project will include structure modifications, installation of new bar screens, conveyors, compactor, associated electrical upgrades and other modifications for code compliance.

Benefit

The existing headworks has reached the end of its useful life and requires replacement. Modifications to the structure and equipment replacement is necessary for solids removal in advance of the treatment process to meet NPDES requirements and improve treatment efficiency.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$255,987	Plans and Engineering	\$255,987	\$255,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,994,000	Construction	\$1,994,000	\$1,994,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$95,000	Overhead	\$95,000	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,344,987	Total	\$2,344,987	\$2,344,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2014 \$1,782,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$2,277,662	\$59,264	\$2,336,926
April 1, 2022	\$2,277,667	\$59,264	\$2,336,931

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,344,987	WasteWater Bonds	\$2,344,987	\$2,344,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,344,987	Total	\$2,344,987	\$2,344,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

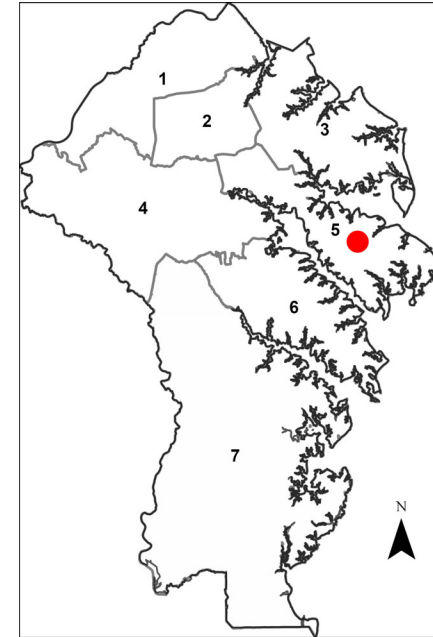
S807200 Tanglewood Two Sewer

Class: Wastewater

FY2023 Council Approved

Description

This project provides the design, right-of-way acquisition, and construction for sewer improvements to approximately 72 homes. This project is in response to a valid petition.



Benefit

This project will provide public sewer service to properties served currently by a private wastewater collection system.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,000	Plans and Engineering	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,600	Land	\$1,600	\$1,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,000	Construction	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,000	Overhead	\$3,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,600	Total	\$7,600	\$7,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807200 Tanglewood Two Sewer

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2016 \$572,000

Financial Activity

Expended	Encumbered	Total
		April 1, 2021
	\$2,769	
		April 1, 2022
	\$3,177	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$7,600	WasteWater Bonds	\$7,600	\$7,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,600	Total	\$7,600	\$7,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

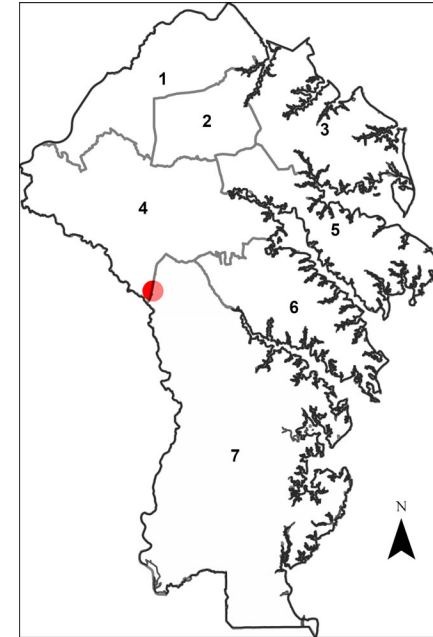
S807900 Crofton Sewer Pumping Station

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$448,000	Plans and Engineering	\$448,000	\$448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,420,000	Construction	\$5,420,000	\$5,420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$293,000	Overhead	\$293,000	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,167,000	Total	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807900 Crofton Sewer Pumping Station

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2018 \$6,167,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$1,967,761	\$3,509,485	\$5,477,246
April 1, 2022	\$4,962,731	\$930,534	\$5,893,266

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$6,167,000	WasteWater Bonds	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,167,000	Total	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

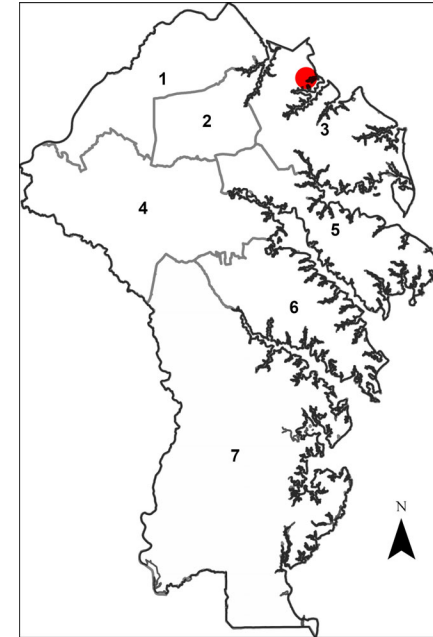
S808000 Cox Creek Grit System Improv.

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$310,790	Plans and Engineering	\$310,790	\$310,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,000	Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,974,000	Construction	\$4,974,000	\$4,974,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$210,000	Overhead	\$210,000	\$210,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,506,790	Total	\$5,506,790	\$5,506,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808000 Cox Creek Grit System Improv.

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2019 \$7,166,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$264,372	\$231,355	\$495,728
April 1, 2022	\$283,631	\$4,189,460	\$4,473,091

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,506,790	WasteWater Bonds	\$5,506,790	\$5,506,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,506,790	Total	\$5,506,790	\$5,506,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

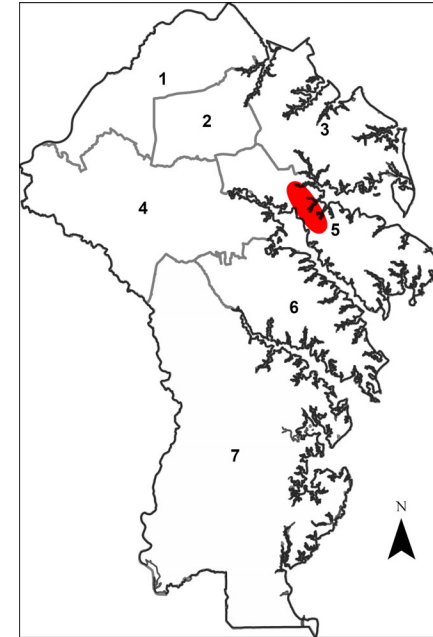
S808100 Cattail Creek FM Replacement

Class: Wastewater

FY2023 Council Approved

Description

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.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,390,000	Plans and Engineering	\$1,390,000	\$1,390,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$127,000	Land	\$127,000	\$127,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$28,470,000	Construction	\$28,470,000	\$28,470,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,461,000	Overhead	\$1,461,000	\$1,461,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$31,448,000	Total	\$31,448,000	\$31,448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808100 Cattail Creek FM Replacement

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2019 \$17,121,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$660,120	\$905,603	\$1,565,723
April 1, 2022	\$1,035,438	\$668,311	\$1,703,749

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$31,448,000	WasteWater Bonds	\$31,448,000	\$31,448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$31,448,000	Total	\$31,448,000	\$31,448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

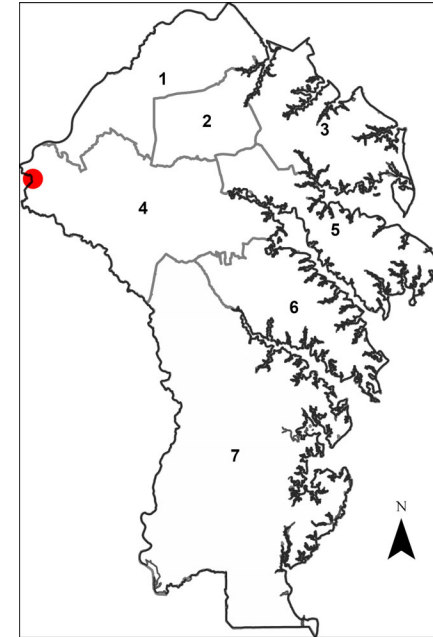
S808400 MD City SPS Upgrade

Class: Wastewater

FY2023 Council Approved

Description

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



Benefit

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$427,000	Plans and Engineering	\$427,000	\$427,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,448,000	Construction	\$3,448,000	\$3,448,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$194,000	Overhead	\$194,000	\$194,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,069,000	Total	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808400 MD City SPS Upgrade

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2019 \$4,069,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$2,365,165	\$1,422,738	\$3,787,903
April 1, 2022	\$3,734,572	\$155,800	\$3,890,372

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,069,000	WasteWater Bonds	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,069,000	Total	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808600 OPS Compl Solar Panels-Sewer

Class: Wastewater

FY2023

Council Approved

Description

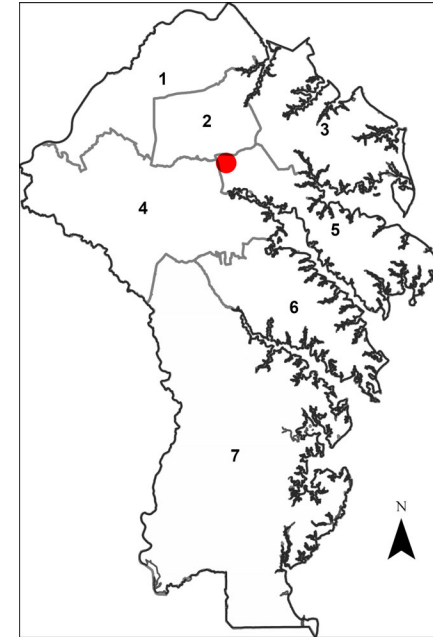
Funds are requested for the design, construction, and inspection of new photovoltaic panels at the Utility Operations Complex. Work will include solar arrays on existing building roofs, canopies over parking lots, electric vehicle charging stations, and other necessary improvements to support the system.

Benefit

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

Amendment History

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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$245,000	Plans and Engineering	\$245,000	\$245,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,604,000	Construction	\$2,604,000	\$2,604,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$114,000	Overhead	\$114,000	\$114,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,963,000	Total	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808600 OPS Compl Solar Panels-Sewer

Class: Wastewater

FY2023

Council Approved

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

Change 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

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2020 \$2,963,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2021	\$105,373	\$53,829	\$159,203
April 1, 2022	\$236,457	\$1,712,635	\$1,949,092

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,886,000	WasteWater Bonds	\$1,463,000	\$1,463,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,077,000	Other State Grants	\$1,500,000	\$1,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,963,000	Total	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

X749000 Agreements W/Developers

Class: Wastewater

FY2023

Council Approved

Description

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.

Location

Countywide

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.

Amendment History

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,716,551	Other	\$2,716,551	\$2,716,551	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,716,551	Total	\$2,716,551	\$2,716,551	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X749000 Agreements W/Developers

Class: Wastewater

FY2023

Council Approved

Project Status

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

Change 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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 1988 \$11,820,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2021	\$179,849	\$135,151	\$315,000
April 1, 2022	\$312,375	\$152,625	\$465,000

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,716,551	Developer Contribution	\$2,716,551	\$2,716,551	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,716,551	Total	\$2,716,551	\$2,716,551	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr