

## Wastewater

<b>Project Title</b>	<b>Page</b>	<b>Project Title</b>	<b>Page</b>
Agreements W/Developers	348	Mayo WRF Expans	296
Annapolis WRF ENR	335	MD CITY SPS UPGRADE	346
Annapolis WRF Upgrade	313	OPS Compl Solar Panels-Sewer	347
Balto City Sewer Agrmnt	337	Patuxent WRF Exp	341
Balto. County Sewer Agreement	294	Piney Orchard SPS & FM	316
Broadneck Clarifier Rehab	314	Point Field Landing WW Exten.	323
Broadneck WRF Upgrd	302	Regional Sludge Facility	331
BROADWATER OPS BLDG ADDITI	321	Rivieria Beach SPS Mods	308
Broadwater WRF ENR	306	Routine Sewer Extensions	329
Broadwater WRF Grit Sys Repl.	324	Sewer Main Repl/Recon	325
Broadwater WRF Headworks	344	Sewer Proj Mgmt	334
Brock Bridge Road Sewer Repl	317	SPS Fac Gen Replace	311
CATTAIL CREEK FM REPLACEME	319	State Hwy Reloc-Sewer	328
Central Sanitation Facility	298	Sylvan Shores WW Collect Sys	336
Chesapeake Bch WWTP	310	Tanglewood Two Sewer	312
Chg Against WW Clsd Projects	295	Upgr/Retrofit SPS	299
Cinder Cove FM Rehab	343	Wastewater Scada Upg	303
Cinder Cove SPS Mods	309	Wastewater Strategic Plan	297
COX CREEK GRIT SYSTEM IMPR	318	WRF Infrastr Up/Retro	305
Cox Creek WRF ENR	332	WW Project Planning	327
Cox Creek WRF Non-ENR	340	WW Service Connections	326
Crofton Sewer Pumping Station	345	WW System Security	338
Dewatering Facilities	330		
Edgewater Beach Sewer	322		
Fac Abandonment WW2	300		
Furnace Brn Swr Repl	301		
Grease/Grit Facility	333		
GRINDER PUMP REPL/UPGRD PR	320		
Heritage Harbor Swr Takeover	315		
Jennifer Road PS Upg	307		
Marley SPS Upgrade	339		
Maryland City WRF Exp	342		
Mayo Collection Sys Upgrade	304		

This page intentionally blank

# Capital Budget and Program

Anne Arundel County, Maryland

## Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
<b>Project Class: Wastewater</b>									
S647500	Balto. County Sewer Agreement	\$25,799,646	\$16,839,646	\$1,100,000	\$4,060,000	\$2,600,000	\$400,000	\$400,000	\$400,000
S741300	Chg Against WW Clsd Projects	\$341,075	\$187,075	\$154,000	\$0	\$0	\$0	\$0	\$0
S769700	Mayo WRF Expans	\$40,280,599	\$42,793,599	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0
S776700	Wastewater Strategic Plan	\$4,197,476	\$3,297,476	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
S777200	Central Sanitation Facility	\$6,429,614	\$3,581,614	\$2,848,000	\$0	\$0	\$0	\$0	\$0
S791800	Upgr/Retrofit SPS	\$95,365,487	\$40,165,487	\$9,200,000	\$9,200,000	\$9,200,000	\$9,200,000	\$9,200,000	\$9,200,000
S792700	Fac Abandonment WW2	\$2,314,929	\$1,451,929	\$503,000	\$360,000	\$0	\$0	\$0	\$0
S797800	Furnace Brn Swr Repl	\$1,216,500	\$287,500	\$0	\$929,000	\$0	\$0	\$0	\$0
S797900	Broadneck WRF Upgrd	\$12,158,364	\$4,001,364	\$0	\$8,157,000	\$0	\$0	\$0	\$0
S798100	Wastewater Scada Upg	\$3,328,578	\$3,657,578	(\$329,000)	\$0	\$0	\$0	\$0	\$0
S799200	Mayo Collection Sys Upgrade	\$12,972,829	\$9,722,829	\$0	\$650,000	\$650,000	\$650,000	\$650,000	\$650,000
S802300	WRF Infrastr Up/Retro	\$11,187,700	\$5,187,700	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
S803700	Broadwater WRF ENR	\$7,679,587	\$9,124,587	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0
S804300	Jennifer Road PS Upg	\$7,380,935	\$7,546,935	(\$166,000)	\$0	\$0	\$0	\$0	\$0
S805200	Rivieria Beach SPS Mods	\$1,946,000	\$1,960,000	(\$14,000)	\$0	\$0	\$0	\$0	\$0
S805300	Cinder Cove SPS Mods	\$7,851,000	\$8,454,000	(\$603,000)	\$0	\$0	\$0	\$0	\$0
S806000	Chesapeake Bch WWTP	\$1,943,000	\$1,976,000	(\$33,000)	\$0	\$0	\$0	\$0	\$0
S806200	SPS Fac Gen Replace	\$48,636,268	\$33,636,268	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$2,500,000
S807200	Tanglewood Two Sewer	\$2,863,600	\$2,042,600	\$0	\$821,000	\$0	\$0	\$0	\$0
S807300	Annapolis WRF Upgrade	\$20,234,000	\$10,501,000	\$135,000	\$9,598,000	\$0	\$0	\$0	\$0
S807400	Broadneck Clarifier Rehab	\$5,067,140	\$4,774,140	\$293,000	\$0	\$0	\$0	\$0	\$0
S807500	Heritage Harbor Swr Takeover	\$1,300,000	\$1,444,500	(\$144,500)	\$0	\$0	\$0	\$0	\$0
S807600	Piney Orchard SPS & FM	\$23,345,900	\$14,669,000	\$4,644,000	\$0	\$4,032,900	\$0	\$0	\$0
S807700	Brock Bridge Road Sewer Repl	\$2,242,000	\$3,677,000	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0
S808000	COX CREEK GRIT SYSTEM IMP	\$11,171,790	\$863,790	\$0	\$10,308,000	\$0	\$0	\$0	\$0
S808100	CATTAIL CREEK FM REPLACEM	\$17,461,000	\$6,769,000	\$200,000	\$10,492,000	\$0	\$0	\$0	\$0
S808200	GRINDER PUMP REPL/UPGRD P	\$4,000,000	\$1,000,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
S808300	BROADWATER OPS BLDG ADDI	\$2,085,000	\$1,685,000	\$400,000	\$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	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
S808500	Edgewater Beach Sewer	\$11,293,000	\$1,409,000	\$0	\$9,884,000	\$0	\$0	\$0	\$0
S808700	Point Field Landing WW Exten.	\$2,135,000	\$1,784,000	\$351,000	\$0	\$0	\$0	\$0	\$0
S809000	Broadwater WRF Grit Sys Repl.	\$4,283,000	\$413,000	\$3,870,000	\$0	\$0	\$0	\$0	\$0
X738800	Sewer Main Repl/Recon	\$117,586,795	\$49,186,795	\$11,400,000	\$11,400,000	\$11,400,000	\$11,400,000	\$11,400,000	\$11,400,000
X741200	WW Service Connections	\$12,640,157	\$3,140,157	\$250,000	\$1,850,000	\$1,850,000	\$1,850,000	\$1,850,000	\$1,850,000
X764200	WW Project Planning	\$24,281,190	\$12,306,190	\$2,058,000	\$3,333,000	\$2,195,000	\$1,928,000	\$1,299,000	\$1,162,000
X800000	State Hwy Reloc-Sewer	\$4,794,077	\$3,794,077	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Z533200	Routine Sewer Extensions	\$2,259,236	\$759,236	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
S800600	Dewatering Facilities	\$47,574,399	\$47,574,399	\$0	\$0	\$0	\$0	\$0	\$0
S800700	Regional Sludge Facility	\$661,500	\$661,500	\$0	\$0	\$0	\$0	\$0	\$0
S802200	Cox Creek WRF ENR	\$140,855,964	\$140,855,964	\$0	\$0	\$0	\$0	\$0	\$0
S802500	Grease/Grit Facility	\$8,204,000	\$8,204,000	\$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
S803800	Sylvan Shores WW Collect Sys	\$3,212,000	\$3,212,000	\$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	\$2,102,985	\$2,102,985	\$0	\$0	\$0	\$0	\$0	\$0
S805400	Marley SPS Upgrade	\$217,689	\$217,689	\$0	\$0	\$0	\$0	\$0	\$0
S806100	Cox Creek WRF Non-ENR	\$25,513,000	\$25,638,000	(\$125,000)	\$0	\$0	\$0	\$0	\$0
S806500	Patuxent WRF Exp	\$56,360,145	\$56,360,145	\$0	\$0	\$0	\$0	\$0	\$0
S806600	Maryland City WRF Exp	\$44,366,600	\$44,366,600	\$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	\$2,455,987	(\$111,000)	\$0	\$0	\$0	\$0	\$0
S807900	Crofton Sewer Pumping Station	\$6,167,000	\$6,167,000	\$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
X749000	Agreements W/Developers	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Wastewater</b>		<b>\$949,781,977</b>	<b>\$704,035,577</b>	<b>\$34,887,500</b>	<b>\$85,642,000</b>	<b>\$36,527,900</b>	<b>\$30,028,000</b>	<b>\$29,399,000</b>	<b>\$29,262,000</b>

**Capital Budget and Program**

**Anne Arundel County, Maryland**

**Project Class Summary - Funding Detail**

**Council Approved**

Project	Project Title	Total	Prior	FY2021	FY2022	FY2023	FY2024	FY2025	FY2026
<b>Project Class Wastewater</b>									
<b>Bonds</b>									
	Water Bonds	\$541,037	\$341,037	\$0	\$0	\$0	\$0	\$200,000	\$0
	WasteWater Bonds	\$677,122,728	\$501,163,328	\$11,837,500	\$72,129,000	\$25,972,900	\$21,940,000	\$22,140,000	\$21,940,000
	<b>Bonds</b>	\$677,663,765	\$501,504,365	\$11,837,500	\$72,129,000	\$25,972,900	\$21,940,000	\$22,340,000	\$21,940,000
<b>PayGo</b>									
	WasteWater PayGo	\$90,786,475	\$43,439,475	\$5,095,000	\$12,616,000	\$9,658,000	\$7,191,000	\$6,362,000	\$6,425,000
	Water PayGo	\$5,709,666	\$1,303,666	\$121,000	\$897,000	\$897,000	\$897,000	\$697,000	\$897,000
	<b>PayGo</b>	\$96,496,141	\$44,743,141	\$5,216,000	\$13,513,000	\$10,555,000	\$8,088,000	\$7,059,000	\$7,322,000
<b>Grants &amp; Aid</b>									
	Other State Grants	\$112,541,618	\$112,541,618	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Grants &amp; Aid</b>	\$112,541,618	\$112,541,618	\$0	\$0	\$0	\$0	\$0	\$0
<b>Other</b>									
	Developer Contribution	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$58,274,000	\$40,440,000	\$17,834,000	\$0	\$0	\$0	\$0	\$0
	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0
	<b>Other</b>	\$63,080,453	\$45,246,453	\$17,834,000	\$0	\$0	\$0	\$0	\$0
	<b>Wastewater</b>	\$949,781,977	\$704,035,577	\$34,887,500	\$85,642,000	\$36,527,900	\$30,028,000	\$29,399,000	\$29,262,000

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	
\$10,908,818	Other	\$17,253,818	\$8,293,818	\$1,100,000	\$4,060	\$2,600	\$400	\$400	\$400	
\$19,454,646	<b>Total</b>	\$25,799,646	\$16,839,646	\$1,100,000	\$4,060	\$2,600	\$400	\$400	\$400	
<b>More (Less) Than Prior Year Program:</b>		\$6,345,000	\$0	\$577,000	\$3,537	\$2,077	(\$123)	(\$123)	\$400	Multi-Yr

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2021

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 Patapsco WWTP CIP. Added FY26 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, 2019	\$14,652,973	\$43,382	\$14,696,355
April 1, 2020	\$15,071,797		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$16,116,646	WasteWater Bonds	\$16,116,646	\$16,116,646	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,338,000	WasteWater PayGo	\$9,683,000	\$723,000	\$1,100,000	\$4,060	\$2,600	\$400	\$400	\$400	
\$19,454,646	<b>Total</b>	\$25,799,646	\$16,839,646	\$1,100,000	\$4,060	\$2,600	\$400	\$400	\$400	
<b>More (Less) Than Prior Year Program:</b>		\$6,345,000	\$0	\$577,000	\$3,537	\$2,077	(\$123)	(\$123)	\$400	Multi-Yr

S741300 Chg Against WW Clsd Projects

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$187,075	Other	\$341,075	\$187,075	\$154,000	\$0	\$0	\$0	\$0	\$0	
\$187,075	<b>Total</b>	\$341,075	\$187,075	\$154,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$154,000	\$0	\$154,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S741300 Chg Against WW Clsd Projects

Class: Wastewater

FY2021 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 Funding for FY21
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, 2019	\$1,202	\$23,619	\$24,821
April 1, 2020	\$121,611	\$6,306	\$127,917

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$187,075	WasteWater Bonds	\$341,075	\$187,075	\$154,000	\$0	\$0	\$0	\$0	\$0	
\$187,075	<b>Total</b>	\$341,075	\$187,075	\$154,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$154,000	\$0	\$154,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S769700 Mayo WRF Expans

Class: Wastewater

FY2021

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$5,258,473	Plans and Engineering	\$5,258,401	\$5,258,401	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,214,000	Land	\$1,170,000	\$1,170,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$39,278,647	Construction	\$32,135,798	\$34,544,798	(\$2,409,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,014,273	Overhead	\$1,716,400	\$1,820,400	(\$104,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$47,765,393	<b>Total</b>	\$40,280,599	\$42,793,599	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$7,484,794)	(\$4,971,794)	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0	\$0

S769700 Mayo WRF Expans

Class: Wastewater

FY2021 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Decreased based on actual costs and 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 1994 \$2,581,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$37,653,892	\$736,201	\$38,390,093
<b>April 1, 2020</b>	\$33,010,222	\$3,950,138	\$36,960,360

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$37,765,393	WasteWater Bonds	\$30,280,599	\$32,793,599	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	WasteWater PayGo	\$0	\$0	\$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
\$0	Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,765,393	<b>Total</b>	\$40,280,599	\$42,793,599	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$7,484,794)	(\$4,971,794)	(\$2,513,000)	\$0	\$0	\$0	\$0	\$0	\$0

S776700 Wastewater Strategic Plan

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$3,876,891	Plans and Engineering	\$4,019,891	\$3,161,891	\$143,000	\$143	\$143	\$143	\$143	\$143	
\$170,585	Overhead	\$177,585	\$135,585	\$7,000	\$7	\$7	\$7	\$7	\$7	
\$4,047,476	<b>Total</b>	\$4,197,476	\$3,297,476	\$150,000	\$150	\$150	\$150	\$150	\$150	
<b>More (Less) Than Prior Year Program:</b>		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

S776700 Wastewater Strategic Plan

Class: Wastewater

FY2021 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 FY 26 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, 2019	\$1,689,048	\$9,345	\$1,698,393
April 1, 2020	\$1,766,935	\$662,235	\$2,429,170

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$4,047,476	WasteWater PayGo	\$4,197,476	\$3,297,476	\$150,000	\$150	\$150	\$150	\$150	\$150	
\$4,047,476	<b>Total</b>	\$4,197,476	\$3,297,476	\$150,000	\$150	\$150	\$150	\$150	\$150	
<b>More (Less) Than Prior Year Program:</b>		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	Multi-Yr

S777200 Central Sanitation Facility

Class: Wastewater

FY2021

Council Approved

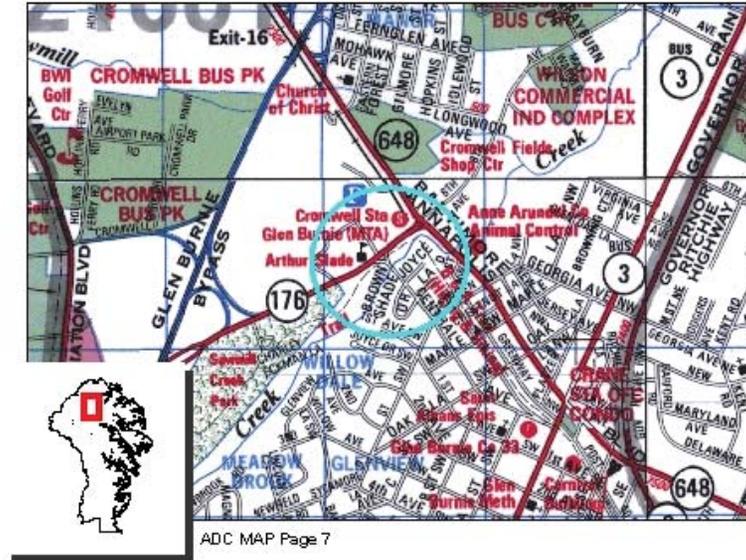
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$699,137)	Plans and Engineering	(\$713,207)	(\$904,207)	\$191,000	\$0	\$0	\$0	\$0	\$0	\$0
\$500	Land	\$500	\$500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,368,991	Construction	\$6,748,382	\$4,201,382	\$2,547,000	\$0	\$0	\$0	\$0	\$0	\$0
\$38,706	Overhead	\$98,400	(\$11,600)	\$110,000	\$0	\$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
\$5,004,598	<b>Total</b>	\$6,429,614	\$3,581,614	\$2,848,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,425,015	(\$18,876)	\$1,443,891	\$0	\$0	\$0	\$0	\$0	\$0

S777200 Central Sanitation Facility

Class: Wastewater

FY2021 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: Increased based on current estimates and 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 1996 \$5,545,000

**Financial Activity**

Expended	Encumbered	Total
		<b>April 1, 2019</b>
\$140,607	\$2,107,535	\$2,248,142
		<b>April 1, 2020</b>
\$137,202	\$1,549,839	\$1,687,041

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$5,004,598	WasteWater Bonds	\$6,429,614	\$3,581,614	\$2,848,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,004,598	<b>Total</b>	\$6,429,614	\$3,581,614	\$2,848,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,425,015	(\$18,876)	\$1,443,891	\$0	\$0	\$0	\$0	\$0	\$0

S791800 Upgr/Retrofit SPS

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$3,601,677	Plans and Engineering	\$2,707,732	(\$2,326,268)	\$839,000	\$839	\$839	\$839	\$839	\$839	
(\$17,676)	Land	(\$25,476)	(\$25,476)	\$0	\$0	\$0	\$0	\$0	\$0	
\$89,009,048	Construction	\$88,501,575	\$40,459,575	\$8,007,000	\$8,007	\$8,007	\$8,007	\$8,007	\$8,007	
\$4,312,720	Overhead	\$4,234,924	\$2,110,924	\$354,000	\$354	\$354	\$354	\$354	\$354	
(\$53,268)	Other	(\$53,268)	(\$53,268)	\$0	\$0	\$0	\$0	\$0	\$0	
\$96,852,502	<b>Total</b>	\$95,365,487	\$40,165,487	\$9,200,000	\$9,200	\$9,200	\$9,200	\$9,200	\$9,200	
<b>More (Less) Than Prior Year Program:</b>		(\$1,487,014)	(\$10,687,014)	\$0	\$0	\$0	\$0	\$0	\$9,200	Multi-Yr

S791800 Upgr/Retrofit SPS

Class: Wastewater

FY2021 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: Add funding for FY 26
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
<b>April 1, 2019</b>	\$24,166,973	\$15,627,643	\$39,794,616
<b>April 1, 2020</b>	\$23,716,115	\$13,480,811	\$37,196,926

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$77,782,188	WasteWater Bonds	\$77,421,487	\$30,995,487	\$5,026,000	\$8,280	\$8,280	\$8,280	\$8,280	\$8,280	
\$10,820,313	WasteWater PayGo	\$6,035,000	\$920,000	\$515,000	\$920	\$920	\$920	\$920	\$920	
\$8,250,000	Bond Premium	\$11,909,000	\$8,250,000	\$3,659,000	\$0	\$0	\$0	\$0	\$0	
\$96,852,502	<b>Total</b>	\$95,365,487	\$40,165,487	\$9,200,000	\$9,200	\$9,200	\$9,200	\$9,200	\$9,200	
<b>More (Less) Than Prior Year Program:</b>		(\$1,487,014)	(\$10,687,014)	\$0	\$0	\$0	\$0	\$0	\$9,200	Multi-Yr

S792700 Fac Abandonment WW2

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$123,279	Plans and Engineering	\$123,279	\$123,279	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,399,452	Construction	\$2,093,452	\$1,230,452	\$503,000	\$360	\$0	\$0	\$0	\$0	\$0
\$98,198	Overhead	\$98,198	\$98,198	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,620,929	<b>Total</b>	\$2,314,929	\$1,451,929	\$503,000	\$360	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$694,000	\$0	\$334,000	\$360	\$0	\$0	\$0	\$0	\$0

S792700 Fac Abandonment WW2

Class: Wastewater

FY2021 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 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
<b>April 1, 2019</b>	\$123,806	\$91,176	\$214,981
<b>April 1, 2020</b>	\$301,091	\$137,957	\$439,049

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,620,929	WasteWater PayGo	\$2,314,929	\$1,451,929	\$503,000	\$360	\$0	\$0	\$0	\$0	\$0
\$1,620,929	<b>Total</b>	\$2,314,929	\$1,451,929	\$503,000	\$360	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$694,000	\$0	\$334,000	\$360	\$0	\$0	\$0	\$0	\$0

S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2021

Council Approved

**Description**

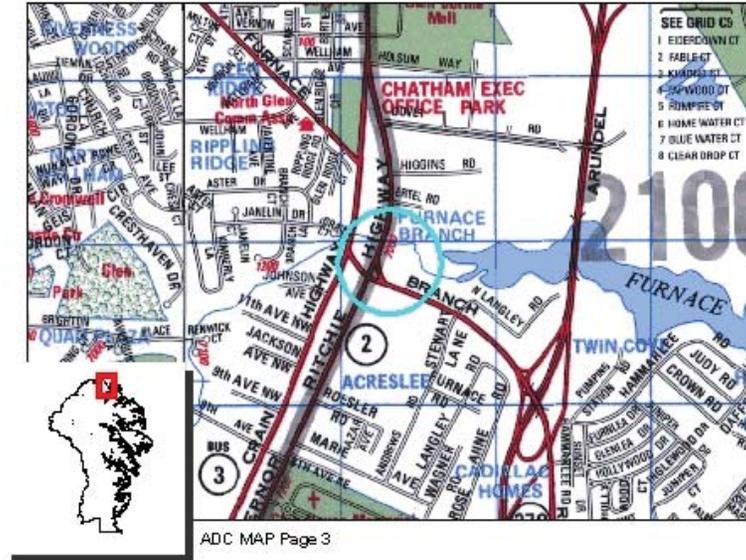
This project is to design and construct a new sewer line under Sawmill Creek east of Ritchie Highway in Glen Burnie.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$191,500	Plans and Engineering	\$191,500	\$191,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,000	Land	\$35,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$940,000	Construction	\$940,000	\$20,000	\$0	\$920	\$0	\$0	\$0	\$0	\$0
\$50,000	Overhead	\$50,000	\$41,000	\$0	\$9	\$0	\$0	\$0	\$0	\$0
\$1,216,500	<b>Total</b>	\$1,216,500	\$287,500	\$0	\$929	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$929,000)	\$929	\$0	\$0	\$0	\$0	\$0

S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2021

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: None
3. Change in Scope None
4. Change in Timing: Moved construction to FY22

**Estimated Operating Budget Impact:** Potential savings/cost avoidance

**Initial Total Project Cost Estimate**

FY 2000 \$504,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2019	\$60,487	\$0	\$60,487
April 1, 2020	\$62,394		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,216,500	WasteWater Bonds	\$1,216,500	\$287,500	\$0	\$929	\$0	\$0	\$0	\$0	\$0
\$1,216,500	<b>Total</b>	\$1,216,500	\$287,500	\$0	\$929	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$929,000)	\$929	\$0	\$0	\$0	\$0	\$0

S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2021

Council Approved

**Description**

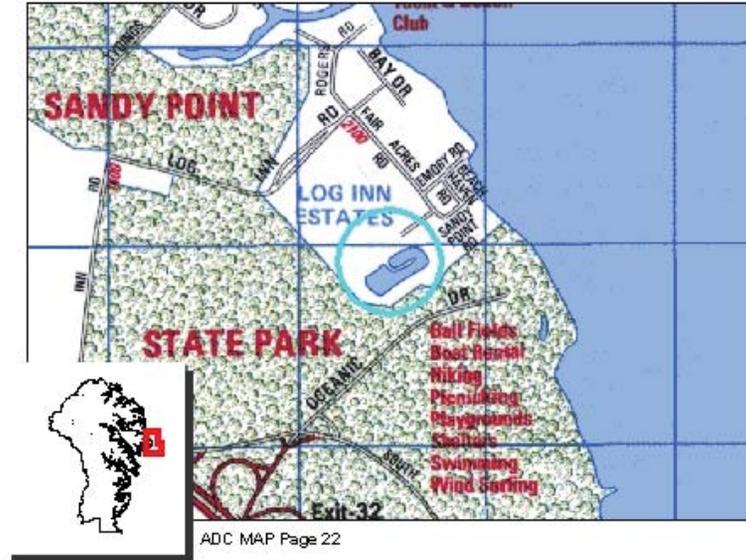
This project consists of upgrading existing polishing pond to an emergency storage pond sized to meet the requirements of the NPDES Permit at Broadneck WRF. Work includes installing influent screening bypass, bar screen upgrades, disinfection system upgrade/expansion and other miscellaneous facility 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$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
\$11,436,883	Construction	\$11,436,883	\$3,605,883	\$0	\$7,831	\$0	\$0	\$0	\$0	\$0
\$593,220	Overhead	\$593,220	\$267,220	\$0	\$326	\$0	\$0	\$0	\$0	\$0
\$12,158,364	<b>Total</b>	\$12,158,364	\$4,001,364	\$0	\$8,157	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2021

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: Design, 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 2001      \$3,313,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2019	\$0	\$0
April 1, 2020	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$12,158,364	WasteWater Bonds	\$12,158,364	\$4,001,364	\$0	\$8,157	\$0	\$0	\$0	\$0	\$0
\$12,158,364	<b>Total</b>	\$12,158,364	\$4,001,364	\$0	\$8,157	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$173,973	Plans and Engineering	\$173,973	\$173,973	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,312,237	Construction	\$2,986,237	\$3,312,237	(\$326,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$180,868	Overhead	\$177,868	\$180,868	(\$3,000)	\$0	\$0	\$0	\$0	\$0	\$0
	Other	(\$9,500)	(\$9,500)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,667,078	<b>Total</b>	\$3,328,578	\$3,657,578	(\$329,000)	\$0	\$0	\$0	\$0	\$0	\$0
	<b>More (Less) Than Prior Year Program:</b>	(\$338,500)	(\$9,500)	(\$329,000)	\$0	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2021 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: Construction, Performance

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Reduced 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 2001 \$3,573,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$1,117,021	\$1,861,007	\$2,978,028
<b>April 1, 2020</b>	\$2,212,224	\$897,562	\$3,109,786

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$3,667,078	WasteWater Bonds	\$3,328,578	\$3,657,578	(\$329,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,667,078	<b>Total</b>	\$3,328,578	\$3,657,578	(\$329,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$338,500)	(\$9,500)	(\$329,000)	\$0	\$0	\$0	\$0	\$0	\$0

S799200 Mayo Collection Sys Upgrade

Class: Wastewater

FY2021

Council Approved

**Description**

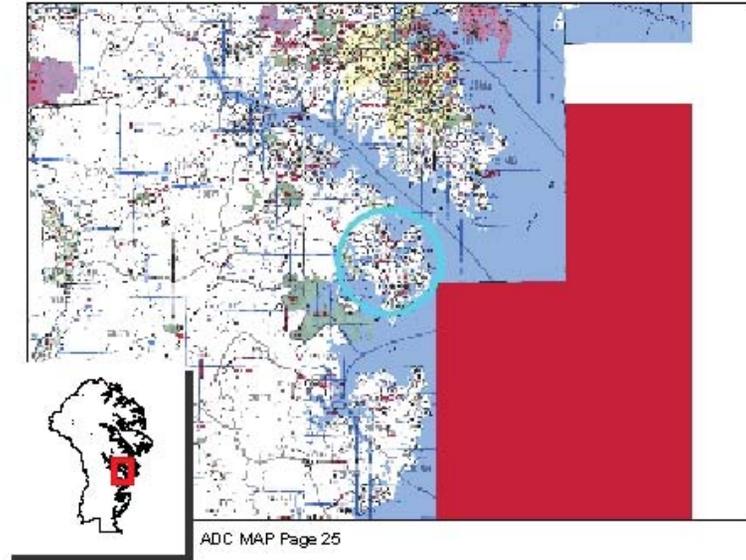
This project is for the expansion of the Mayo Wastewater Collection and Conveyance System and to provide for upgrades to existing facilities.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$949,339	Plans and Engineering	\$1,099,339	\$654,339	\$0	\$89	\$89	\$89	\$89	\$89	\$0
\$15,573	Land	\$15,573	\$10,573	\$0	\$1	\$1	\$1	\$1	\$1	\$0
\$10,657,997	Construction	\$11,207,997	\$8,557,997	\$0	\$530	\$530	\$530	\$530	\$530	\$0
\$599,921	Overhead	\$649,921	\$499,921	\$0	\$30	\$30	\$30	\$30	\$30	\$0
	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,222,829	<b>Total</b>	\$12,972,829	\$9,722,829	\$0	\$650	\$650	\$650	\$650	\$650	\$0
<b>More (Less) Than Prior Year Program:</b>		\$750,000	\$0	(\$500,000)	\$150	\$150	\$150	\$150	\$650	\$0

S799200 Mayo Collection Sys Upgrade

Class: Wastewater

FY2021

Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: Modified description to include upgrades to existing facilities.
2. Change in Total Project Cost: Increase based on current estimates; added FY 26 funding
3. Change in Scope Include upgrades to existing facilities
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, 2019	\$3,564,915	\$2,044,098	\$5,609,013
April 1, 2020	\$5,474,912	\$638,142	\$6,113,055

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$11,222,829	WasteWater Bonds	\$11,972,829	\$8,722,829	\$0	\$650	\$650	\$650	\$650	\$650	\$0
\$1,000,000	WasteWater PayGo	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,222,829	<b>Total</b>	\$12,972,829	\$9,722,829	\$0	\$650	\$650	\$650	\$650	\$650	\$0
<b>More (Less) Than Prior Year Program:</b>		\$750,000	\$0	(\$500,000)	\$150	\$150	\$150	\$150	\$650	\$0

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2021 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.

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,302,301	Plans and Engineering	\$2,262,067	\$1,518,067	\$124,000	\$124	\$124	\$124	\$124	\$124	
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$7,935,554	Construction	\$8,410,878	\$3,454,878	\$826,000	\$826	\$826	\$826	\$826	\$826	
\$535,793	Overhead	\$562,643	\$262,643	\$50,000	\$50	\$50	\$50	\$50	\$50	
(\$47,887)	Other	(\$47,887)	(\$47,887)	\$0	\$0	\$0	\$0	\$0	\$0	
\$10,725,761	<b>Total</b>	\$11,187,700	\$5,187,700	\$1,000,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
<b>More (Less) Than Prior Year Program:</b>		\$461,940	(\$538,060)	\$0	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2021 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 - Added FY26 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, 2019	\$911,020	\$1,231,930	\$2,142,949
April 1, 2020	\$1,519,009	\$1,648,944	\$3,167,954

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$10,725,761	WasteWater Bonds	\$11,187,700	\$5,187,700	\$1,000,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
\$0	WasteWater PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$10,725,761	<b>Total</b>	\$11,187,700	\$5,187,700	\$1,000,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
<b>More (Less) Than Prior Year Program:</b>		\$461,940	(\$538,060)	\$0	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S803700 Broadwater WRF ENR

Class: Wastewater

FY2021

Council Approved

**Description**

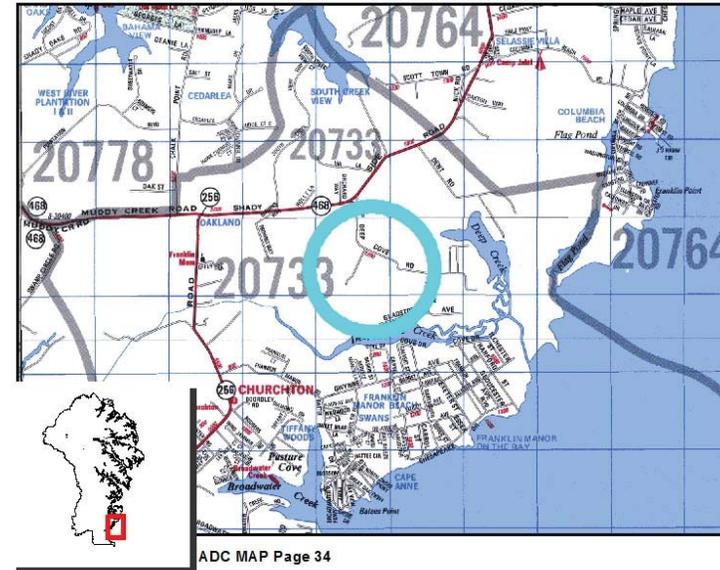
This project includes planning, right-of-way acquisition, design, construction of processes required to meet enhanced nutrient removal (3.0 MG/L TN and 0.3 MG/L TP).

**Benefit**

To meet regulatory compliance requirements and environmental protection.

**Amendment History**

County Council removed \$6,763,050 via AMD #112 to Bill 27-11. CC removed \$70k via AMD #28 to Bill 36-17.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$770,621	Plans and Engineering	\$511,964	\$570,964	(\$59,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,000	Land	\$1,000	\$2,000	(\$1,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,955,130	Construction	\$6,641,130	\$7,955,130	(\$1,314,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$606,362	Overhead	\$525,493	\$596,493	(\$71,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$9,334,112	<b>Total</b>	\$7,679,587	\$9,124,587	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,654,525)	(\$209,525)	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0	\$0

S803700 Broadwater WRF ENR

Class: Wastewater

FY2021 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 Current Cost Estimate
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2010 \$11,064,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$6,811,115	\$891,364	\$7,702,479
<b>April 1, 2020</b>	\$7,550,755	\$79,636	\$7,630,390

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$9,328,215	WasteWater Bonds	\$7,673,690	\$9,118,690	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,897	Other State Grants	\$5,897	\$5,897	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,334,112	<b>Total</b>	\$7,679,587	\$9,124,587	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,654,525)	(\$209,525)	(\$1,445,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804300 Jennifer Road PS Upg

Class: Wastewater

FY2021 Council Approved

**Description**

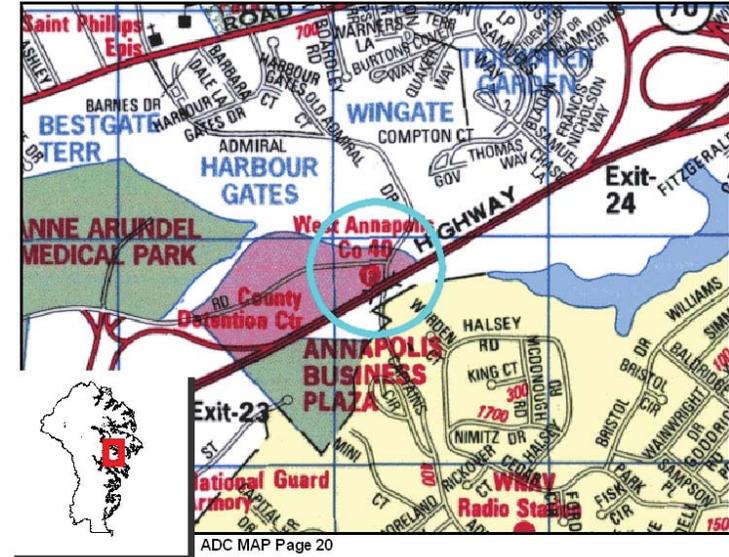
Funds are requested for the design, right of way acquisition and construction of increased capacity for the Jennifer Road Sewage Pumping Station service area. Project may incorporate either the expansion of the existing pumping station or construction of a new station. The project also includes replacement of portion of the existing forcemain with approximately 3000 linear feet of 18 inch forcemain to reduce dynamic head conditions on the station.

**Benefit**

Project will provide increased capacity within the sewage collection system to meet development needs, as well as, providing increased reliability.

**Amendment History**

County Council removed \$500K via AMD #44 to Bill 46-13, \$135k via AMD #39 to Bill 29-15, \$60k via AMD #33 to Bill 37-18, and \$100k via AMD #34 to Bill 29-19.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,213,216	Plans and Engineering	\$1,213,216	\$1,213,216	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,700	Land	\$2,700	\$2,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,953,791	Construction	\$5,787,791	\$5,953,791	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$377,227	Overhead	\$377,227	\$377,227	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,546,935	<b>Total</b>	\$7,380,935	\$7,546,935	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$166,000)	\$0	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804300 Jennifer Road PS Upg

Class: Wastewater

FY2021 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: Reduced for project close out
- 3. Change in Scope None
- 4. Change in Timing: None

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 2010 \$1,710,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$7,240,242	\$21,923	\$7,262,165
April 1, 2020	\$7,325,275	\$16,521	\$7,341,796

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$7,546,935	WasteWater Bonds	\$7,380,935	\$7,546,935	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,546,935	<b>Total</b>	\$7,380,935	\$7,546,935	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$166,000)	\$0	(\$166,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805200 Riviera Beach SPS Mods

Class: Wastewater

FY2021

Council Approved

**Description**

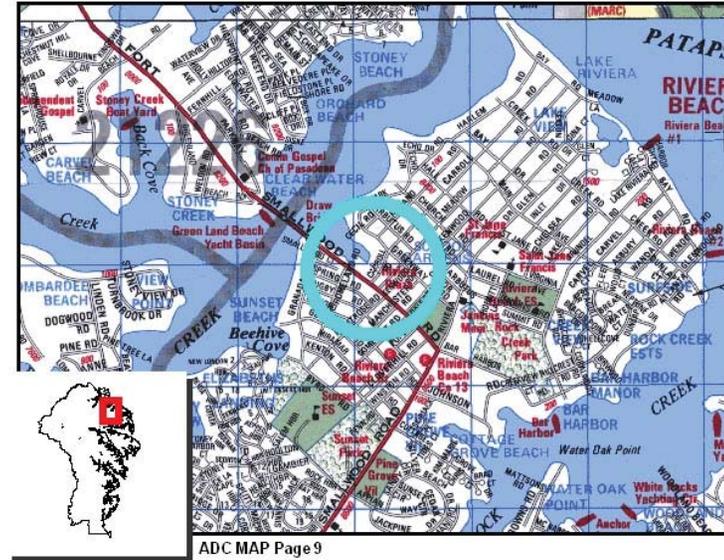
Funds are requested for the planning, design, right of way acquisition and construction of overflow structure modifications and pump station reliability improvements necessary to minimize risks of sanitary sewer overflows from the Riviera Beach Sewage Pump Station.

**Benefit**

This project will provide improved operational reliability of the pump station to avoid over-flows and adverse environmental impacts in accordance with regulatory requirements.

**Amendment History**

County Council removed \$2,360,000 via AMD #41 to Bill 29-15. County Council removed \$40k vin FY17 via AMD #110 to Bill 29-15. CC removed \$200k via AMD #31 to Bill 36-17.



ADC MAP Page 9

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$474,000	Plans and Engineering	\$474,000	\$474,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,401,000	Construction	\$1,388,000	\$1,401,000	(\$13,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$85,000	Overhead	\$84,000	\$85,000	(\$1,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,960,000	<b>Total</b>	\$1,946,000	\$1,960,000	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$14,000)	\$0	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805200 Riviera Beach SPS Mods

Class: Wastewater

FY2021 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: Decreased based on actual costs
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 \$6,286,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$1,935,499	\$7,218	\$1,942,717
<b>April 1, 2020</b>	\$1,939,979	\$5,168	\$1,945,147

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,960,000	WasteWater Bonds	\$1,946,000	\$1,960,000	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,960,000	<b>Total</b>	\$1,946,000	\$1,960,000	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$14,000)	\$0	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805300 Cinder Cove SPS Mods

Class: Wastewater

FY2021

Council Approved

**Description**

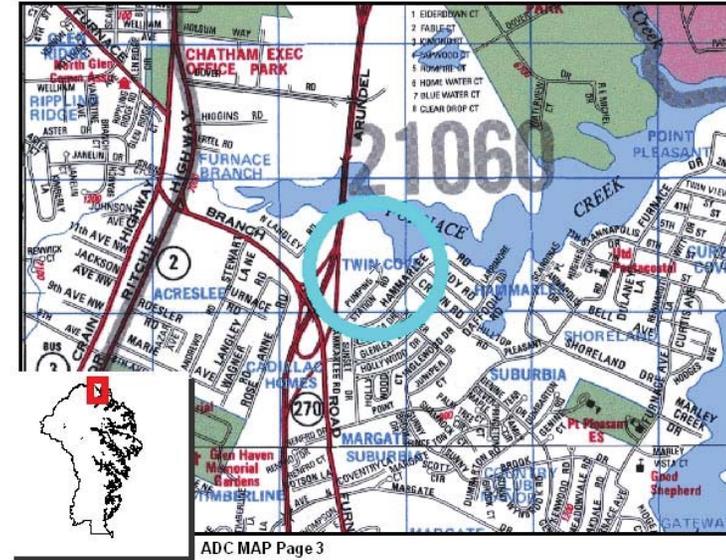
Funds are requested for the planning, design, right of way acquisition and construction of overflow structure modifications and pump station reliability improvements necessary to minimize risks of sanitary sewer overflows from the Cinder Cove Sewage Pump Station.

**Benefit**

This project will provide improved operational reliability of the pump station to avoid over-flows and adverse environmental impacts in accordance with regulatory requirements.

**Amendment History**

Prior appropriation decreased by Council Bill 84-14. County Council removed \$160k via AMD #42 to Bill 29-15. County Council removed \$201k via AMD#47 to Bill 31-16.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$914,000	Plans and Engineering	\$791,000	\$914,000	(\$123,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,288,000	Construction	\$6,745,000	\$7,288,000	(\$543,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$252,000	Overhead	\$315,000	\$252,000	\$63,000	\$0	\$0	\$0	\$0	\$0	\$0
\$8,454,000	<b>Total</b>	\$7,851,000	\$8,454,000	(\$603,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$603,000)	\$0	(\$603,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805300 Cinder Cove SPS Mods

Class: Wastewater

FY2021 Council Approved

**Project Status**

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

**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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2009 \$8,620,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$7,687,455	\$299,417	\$7,986,872
<b>April 1, 2020</b>	\$7,822,976	\$2,961	\$7,825,937

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$8,454,000	WasteWater Bonds	\$7,851,000	\$8,454,000	(\$603,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,454,000	<b>Total</b>	\$7,851,000	\$8,454,000	(\$603,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$603,000)	\$0	(\$603,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2021

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,976,000	Other	\$1,943,000	\$1,976,000	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,976,000	<b>Total</b>	\$1,943,000	\$1,976,000	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$33,000)	\$0	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2021 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: Performance

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Reduced based on actual cost and project completion
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, 2019	\$1,942,778	\$0	\$1,942,778
April 1, 2020	\$1,942,778		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,976,000	WasteWater Bonds	\$1,943,000	\$1,976,000	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,976,000	<b>Total</b>	\$1,943,000	\$1,976,000	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$33,000)	\$0	(\$33,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$6,601,315	Plans and Engineering	\$6,086,315	\$4,286,315	\$300,000	\$300	\$300	\$300	\$300	\$300	
\$126,000	Land	\$106,000	\$76,000	\$5,000	\$5	\$5	\$5	\$5	\$5	
\$43,737,406	Construction	\$40,107,406	\$27,657,406	\$2,075,000	\$2,075	\$2,075	\$2,075	\$2,075	\$2,075	
\$2,546,547	Overhead	\$2,336,547	\$1,616,547	\$120,000	\$120	\$120	\$120	\$120	\$120	
\$53,011,268	<b>Total</b>	\$48,636,268	\$33,636,268	\$2,500,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
<b>More (Less) Than Prior Year Program:</b>		(\$4,375,000)	\$0	(\$1,375,000)	(\$1,375)	(\$1,375)	(\$1,375)	(\$1,375)	\$2,500	Multi-Yr

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2021

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 funding for FY 26 and decrease 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 2010 \$20,699,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$14,391,553	\$10,883,688	\$25,275,241
<b>April 1, 2020</b>	\$21,025,678	\$9,370,044	\$30,395,721

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$41,611,268	WasteWater Bonds	\$33,485,268	\$26,113,268	(\$1,378,000)	\$1,750	\$1,750	\$1,750	\$1,750	\$1,750	
\$7,210,000	WasteWater PayGo	\$7,223,000	\$3,333,000	\$140,000	\$750	\$750	\$750	\$750	\$750	
\$4,190,000	Bond Premium	\$7,928,000	\$4,190,000	\$3,738,000	\$0	\$0	\$0	\$0	\$0	
\$53,011,268	<b>Total</b>	\$48,636,268	\$33,636,268	\$2,500,000	\$2,500	\$2,500	\$2,500	\$2,500	\$2,500	
<b>More (Less) Than Prior Year Program:</b>		(\$4,375,000)	\$0	(\$1,375,000)	(\$1,375)	(\$1,375)	(\$1,375)	(\$1,375)	\$2,500	Multi-Yr

S807200 Tanglewood Two Sewer

Class: Wastewater

FY2021

Council Approved

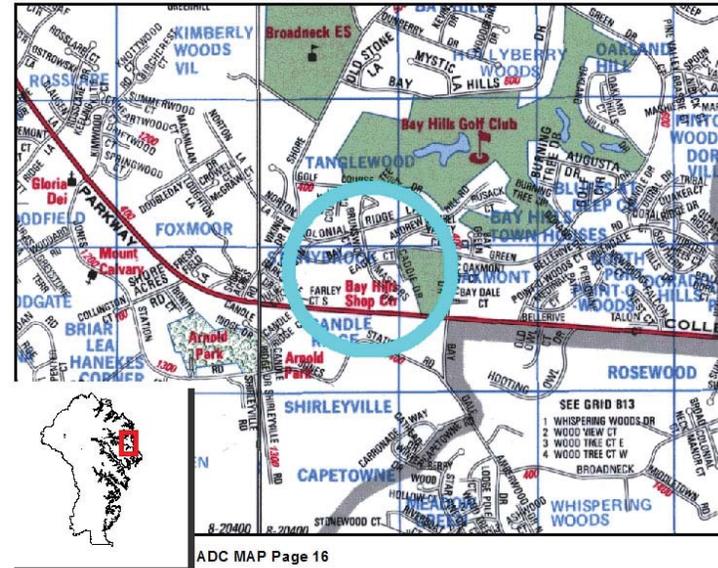
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$93,000	Plans and Engineering	\$93,000	\$93,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,600	Land	\$2,600	\$2,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,868,000	Construction	\$2,656,000	\$1,868,000	\$0	\$788	\$0	\$0	\$0	\$0	\$0
\$79,000	Overhead	\$112,000	\$79,000	\$0	\$33	\$0	\$0	\$0	\$0	\$0
\$2,042,600	<b>Total</b>	\$2,863,600	\$2,042,600	\$0	\$821	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$821,000	\$0	\$0	\$821	\$0	\$0	\$0	\$0	\$0

S807200 Tanglewood Two Sewer

Class: Wastewater

FY2021 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: Planning, Design, ROW, 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: Construction funding moved to FY 22

**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, 2019	\$205	\$0	\$205
April 1, 2020	\$517		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,042,600	WasteWater Bonds	\$2,863,600	\$2,042,600	\$0	\$821	\$0	\$0	\$0	\$0	\$0
\$2,042,600	<b>Total</b>	\$2,863,600	\$2,042,600	\$0	\$821	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$821,000	\$0	\$0	\$821	\$0	\$0	\$0	\$0	\$0

**S807300 Annapolis WRF Upgrade**

**Class: Wastewater**

**FY2021 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.



ADC MAP Page 21

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,015,000	Plans and Engineering	\$1,815,000	\$915,000	\$0	\$900	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$18,921,000	Construction	\$17,549,000	\$9,096,000	\$130,000	\$8,323	\$0	\$0	\$0	\$0	\$0
\$918,000	Overhead	\$863,000	\$483,000	\$5,000	\$375	\$0	\$0	\$0	\$0	\$0
\$21,861,000	<b>Total</b>	\$20,234,000	\$10,501,000	\$135,000	\$9,598	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,627,000)	\$0	\$135,000	\$8,454	(\$10,216)	\$0	\$0	\$0	\$0

S807300 Annapolis WRF Upgrade

Class: Wastewater

FY2021 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: Decreased based on current estimates
3. Change in Scope None
4. Change in Timing: Shifted Phase II Construction to FY22

**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
<b>April 1, 2019</b>	\$414,970	\$475,751	\$890,722
<b>April 1, 2020</b>	\$709,024	\$610,714	\$1,319,738

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$21,861,000	WasteWater Bonds	\$20,234,000	\$10,501,000	\$135,000	\$9,598	\$0	\$0	\$0	\$0	\$0
\$21,861,000	<b>Total</b>	\$20,234,000	\$10,501,000	\$135,000	\$9,598	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,627,000)	\$0	\$135,000	\$8,454	(\$10,216)	\$0	\$0	\$0	\$0

S807400 Broadneck Clarifier Rehab

Class: Wastewater

FY2021

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$405,000	Plans and Engineering	\$405,000	\$405,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,144,140	Construction	\$4,425,140	\$4,144,140	\$281,000	\$0	\$0	\$0	\$0	\$0	\$0
\$225,000	Overhead	\$237,000	\$225,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,774,140	<b>Total</b>	\$5,067,140	\$4,774,140	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$293,000	\$0	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0

S807400 Broadneck Clarifier Rehab

Class: Wastewater

FY2021

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: Project will also include modifications to sludge piping and sludge pumping equipment.
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope Added sludge piping and sludge pumping

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2018 \$4,525,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$7,208	\$0	\$7,208
April 1, 2020	\$137,366	\$201,919	\$339,285

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$4,774,140	WasteWater Bonds	\$5,067,140	\$4,774,140	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,774,140	<b>Total</b>	\$5,067,140	\$4,774,140	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$293,000	\$0	\$293,000	\$0	\$0	\$0	\$0	\$0	\$0

S807500 Heritage Harbor Swr Takeover

Class: Wastewater

FY2021

Council Approved

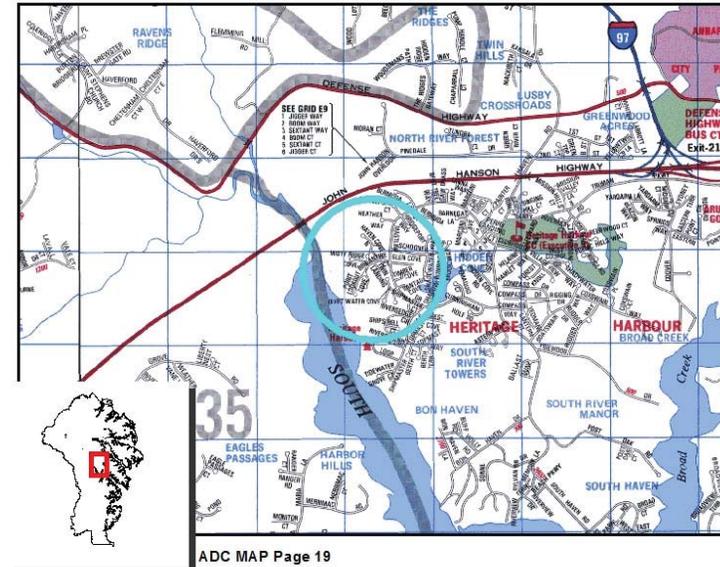
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$158,000	Plans and Engineering	\$158,000	\$158,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,500	Land	\$10,500	\$10,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,220,000	Construction	\$1,081,500	\$1,220,000	(\$138,500)	\$0	\$0	\$0	\$0	\$0	\$0
\$56,000	Overhead	\$50,000	\$56,000	(\$6,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,444,500	<b>Total</b>	\$1,300,000	\$1,444,500	(\$144,500)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$144,500)	\$0	(\$144,500)	\$0	\$0	\$0	\$0	\$0	\$0

S807500 Heritage Harbor Swr Takeover

Class: Wastewater

FY2021 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, ROW, Construction, Performance

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Reduction 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 2018 \$2,248,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$6,117	\$0	\$6,117
April 1, 2020	\$84,498	\$47,677	\$132,174

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,444,500	WasteWater Bonds	\$1,300,000	\$1,444,500	(\$144,500)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,444,500	<b>Total</b>	\$1,300,000	\$1,444,500	(\$144,500)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$144,500)	\$0	(\$144,500)	\$0	\$0	\$0	\$0	\$0	\$0

S807600 Piney Orchard SPS & FM

Class: Wastewater

FY2021

Council Approved

**Description**

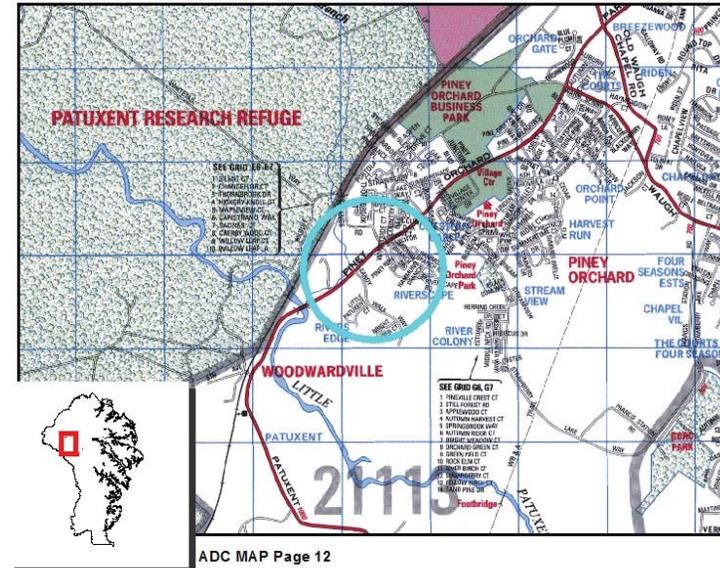
This project provides for the acquisition of the Piney Orchard WWTP. Project includes the design and construction of upgrades to meet ENR and County operational requirements.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,854,000	Plans and Engineering	\$2,854,000	\$2,854,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$15,616,381	Construction	\$19,673,900	\$11,152,000	\$4,644,000	\$0	\$3,878	\$0	\$0	\$0	\$0
\$835,000	Overhead	\$811,000	\$656,000	\$0	\$0	\$155	\$0	\$0	\$0	\$0
\$19,312,381	<b>Total</b>	\$23,345,900	\$14,669,000	\$4,644,000	\$0	\$4,033	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$4,033,519	\$0	\$619	\$0	\$4,033	\$0	\$0	\$0	\$0

S807600 Piney Orchard SPS & FM

Class: Wastewater

FY2021

Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: Removed references to construction of FM and SPS. Existing Treatment facility to be upgraded to meet ENR and County requirements.
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope The changed to refine the scope of work & budget to meet the needs for the ENR upgrade and required operational (including SCADA) and safety needs.
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, 2019	\$3,131	\$2,200	\$5,331
April 1, 2020	\$5,794,577	\$12,885	\$5,807,462

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$15,178,381	WasteWater Bonds	\$14,016,900	\$10,535,000	(\$551,000)	\$0	\$4,033	\$0	\$0	\$0	\$0
\$4,134,000	Other State Grants	\$4,134,000	\$4,134,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$5,195,000	\$0	\$5,195,000	\$0	\$0	\$0	\$0	\$0	\$0
\$19,312,381	<b>Total</b>	\$23,345,900	\$14,669,000	\$4,644,000	\$0	\$4,033	\$0	\$0	\$0	\$0
	<b>More (Less) Than Prior Year Program:</b>	\$4,033,519	\$0	\$619	\$0	\$4,033	\$0	\$0	\$0	\$0

S807700 Brock Bridge Road Sewer Repl

Class: Wastewater

FY2021

Council Approved

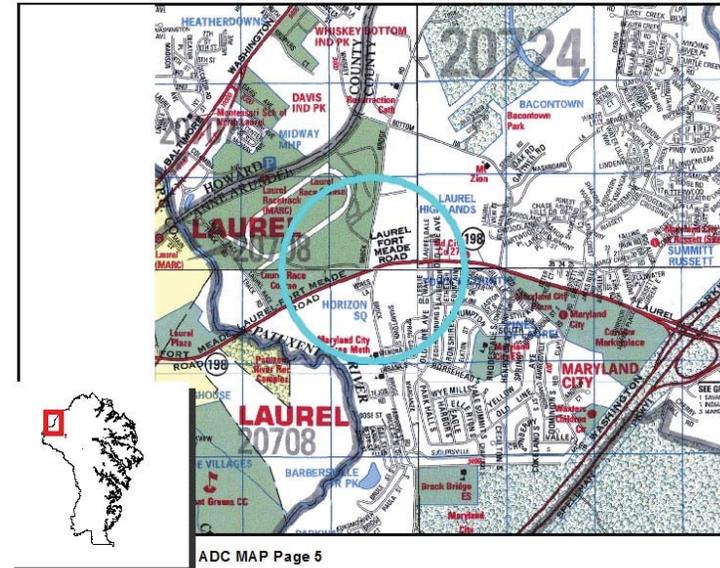
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$189,000	Plans and Engineering	\$277,000	\$189,000	\$88,000	\$0	\$0	\$0	\$0	\$0	\$0
\$25,000	Land	\$34,000	\$25,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,288,000	Construction	\$1,845,000	\$3,288,000	(\$1,443,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$175,000	Overhead	\$86,000	\$175,000	(\$89,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,677,000	<b>Total</b>	\$2,242,000	\$3,677,000	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,435,000)	\$0	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0	\$0

S807700 Brock Bridge Road Sewer Repl

Class: Wastewater

FY2021 Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: ROW, 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: Decrease 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, 2019	\$256,927	\$167,330	\$424,258
April 1, 2020	\$394,346	\$1,066,376	\$1,460,722

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$3,677,000	WasteWater Bonds	\$2,242,000	\$3,677,000	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,677,000	<b>Total</b>	\$2,242,000	\$3,677,000	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,435,000)	\$0	(\$1,435,000)	\$0	\$0	\$0	\$0	\$0	\$0

S808000 COX CREEK GRIT SYSTEM IMPROV.

Class: Wastewater

FY2021

Council Approved

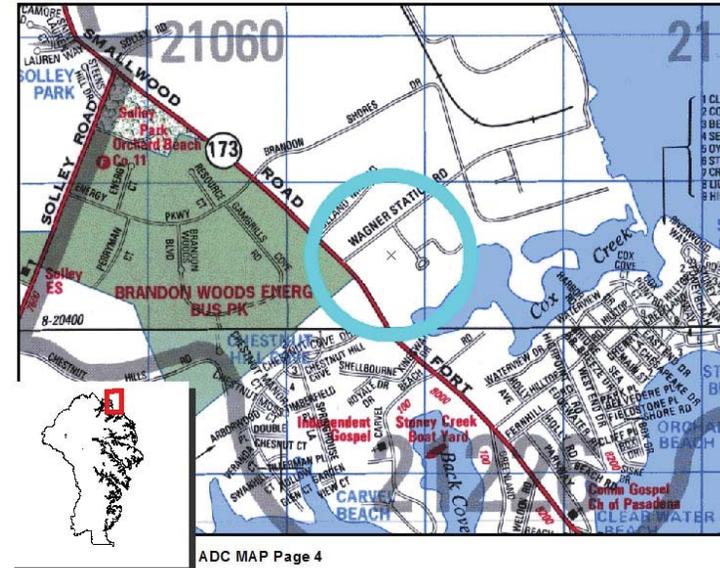
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$810,790	Plans and Engineering	\$810,790	\$810,790	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,000	Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,652,900	Construction	\$9,912,000	\$0	\$0	\$9,912	\$0	\$0	\$0	\$0	\$0
\$374,000	Overhead	\$437,000	\$41,000	\$0	\$396	\$0	\$0	\$0	\$0	\$0
\$7,849,690	<b>Total</b>	\$11,171,790	\$863,790	\$0	\$10,308	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$3,322,100	\$0	(\$6,985,900)	\$10,308	\$0	\$0	\$0	\$0	\$0

S808000 COX CREEK GRIT SYSTEM IMPROV.

Class: Wastewater

FY2021

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: Moved construction to FY22

**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, 2019	\$0	\$0
April 1, 2020	\$74,452	\$159,097
		\$233,549

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$7,849,690	WasteWater Bonds	\$11,171,790	\$863,790	\$0	\$10,308	\$0	\$0	\$0	\$0	\$0
\$7,849,690	<b>Total</b>	\$11,171,790	\$863,790	\$0	\$10,308	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$3,322,100	\$0	(\$6,985,900)	\$10,308	\$0	\$0	\$0	\$0	\$0

S808100 CATTAIL CREEK FM REPLACEMENT Class: Wastewater

FY2021 Council Approved

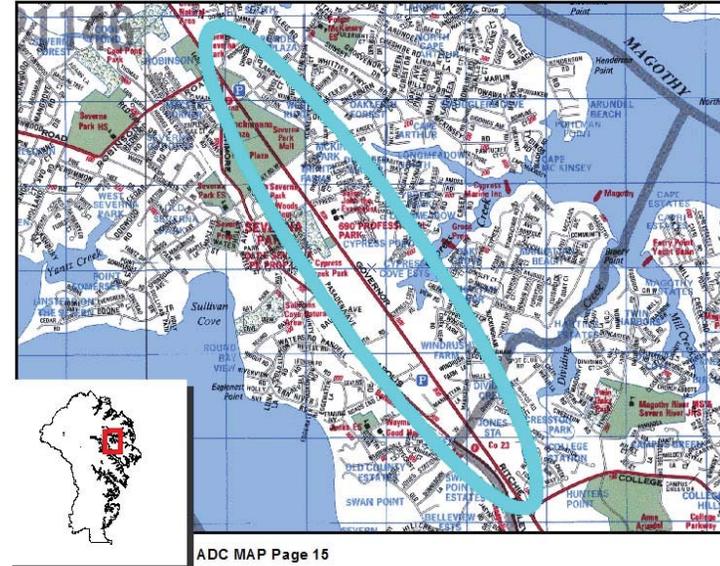
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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
\$14,991,729	Construction	\$15,172,000	\$4,930,000	\$0	\$10,242	\$0	\$0	\$0	\$0	\$0
\$814,000	Overhead	\$772,000	\$322,000	\$200,000	\$250	\$0	\$0	\$0	\$0	\$0
\$0	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$17,322,729	<b>Total</b>	\$17,461,000	\$6,769,000	\$200,000	\$10,492	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$138,271	\$0	(\$4,976,000)	\$5,114	\$0	\$0	\$0	\$0	\$0

S808100 CATTAIL CREEK FM REPLACEMENT

Class: Wastewater

FY2021

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: Design, Construction

**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: Moved construction to FY22

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2019 \$17,121,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$4,355	\$0	\$4,355
April 1, 2020	\$244,556	\$1,226,785	\$1,471,342

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$17,322,729	WasteWater Bonds	\$17,461,000	\$6,769,000	\$200,000	\$10,492	\$0	\$0	\$0	\$0	\$0
\$17,322,729	<b>Total</b>	\$17,461,000	\$6,769,000	\$200,000	\$10,492	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$138,271	\$0	(\$4,976,000)	\$5,114	\$0	\$0	\$0	\$0	\$0

S808200 GRINDER PUMP REPL/UPGRD PRGM Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$154,000	Plans and Engineering	\$176,000	\$44,000	\$22,000	\$22	\$22	\$22	\$22	\$22	
\$28,000	Land	\$32,000	\$8,000	\$4,000	\$4	\$4	\$4	\$4	\$4	
\$3,150,000	Construction	\$3,600,000	\$900,000	\$450,000	\$450	\$450	\$450	\$450	\$450	
\$168,000	Overhead	\$192,000	\$48,000	\$24,000	\$24	\$24	\$24	\$24	\$24	
\$3,500,000	<b>Total</b>	\$4,000,000	\$1,000,000	\$500,000	\$500	\$500	\$500	\$500	\$500	
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

S808200 GRINDER PUMP REPL/UPGRD PRGM

Class: Wastewater

FY2021

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 FY26 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
<b>April 1, 2019</b>	\$4,316	\$0	\$4,316
<b>April 1, 2020</b>	\$29,698	\$235,042	\$264,740

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$3,500,000	WasteWater PayGo	\$4,000,000	\$1,000,000	\$500,000	\$500	\$500	\$500	\$500	\$500	
\$3,500,000	<b>Total</b>	\$4,000,000	\$1,000,000	\$500,000	\$500	\$500	\$500	\$500	\$500	
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$500	Multi-Yr

S808300 BROADWATER OPS BLDG ADDITION Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$169,000	Plans and Engineering	\$169,000	\$169,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,423,000	Construction	\$1,823,000	\$1,423,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
\$80,000	Overhead	\$80,000	\$80,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,000	Furn., Fixtures and Equip.	\$13,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,685,000	<b>Total</b>	\$2,085,000	\$1,685,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0

S808300 BROADWATER OPS BLDG ADDITION

Class: Wastewater

FY2021

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 cost estimates.
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, 2019	\$2,720	\$0	\$2,720
April 1, 2020	\$106,621	\$106,201	\$212,822

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,685,000	WasteWater Bonds	\$2,085,000	\$1,685,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,685,000	<b>Total</b>	\$2,085,000	\$1,685,000	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$400,000	\$0	\$400,000	\$0	\$0	\$0	\$0	\$0	\$0

**S808500 Edgewater Beach Sewer**

**Class: Wastewater**

**FY2021**

**Council Approved**

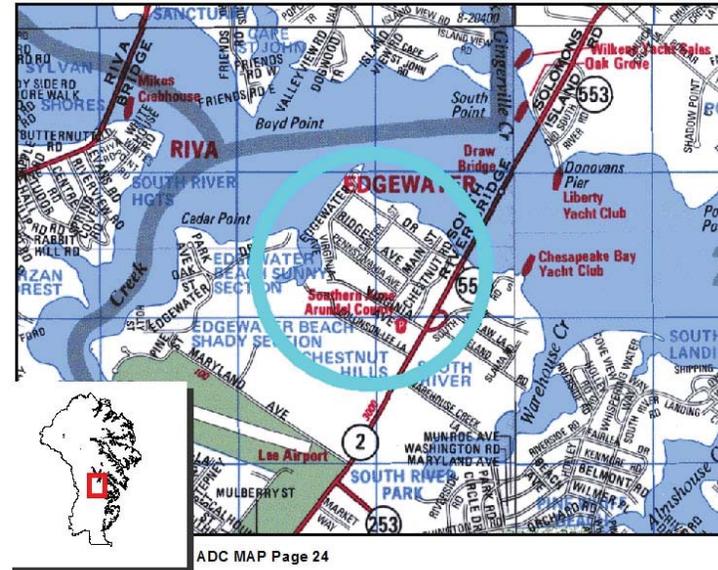
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,342,000	Plans and Engineering	\$1,342,000	\$1,342,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$53,000	Land	\$28,000	\$0	\$0	\$28	\$0	\$0	\$0	\$0	\$0
\$9,051,000	Construction	\$9,488,000	\$0	\$0	\$9,488	\$0	\$0	\$0	\$0	\$0
\$429,000	Overhead	\$435,000	\$67,000	\$0	\$368	\$0	\$0	\$0	\$0	\$0
\$10,875,000	<b>Total</b>	\$11,293,000	\$1,409,000	\$0	\$9,884	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$418,000	\$0	(\$9,466,000)	\$9,884	\$0	\$0	\$0	\$0	\$0

S808500 Edgewater Beach Sewer

Class: Wastewater

FY2021 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, ROW, 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: Moved construction to FY22

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2019 \$16,762,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2019	\$0	\$0
April 1, 2020	\$654	

Prior Year Project Total	Funding	Project Total	Prior Approval	Capital Program (\$000)						Beyond 6 Years
				Budget FY2021	FY2022	FY2023	FY2024	FY2025	FY2026	
\$10,875,000	WasteWater Bonds	\$11,293,000	\$1,409,000	\$0	\$9,884	\$0	\$0	\$0	\$0	\$0
\$10,875,000	<b>Total</b>	\$11,293,000	\$1,409,000	\$0	\$9,884	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$418,000	\$0	(\$9,466,000)	\$9,884	\$0	\$0	\$0	\$0	\$0

S808700 Point Field Landing WW Exten.

Class: Wastewater

FY2021

Council Approved

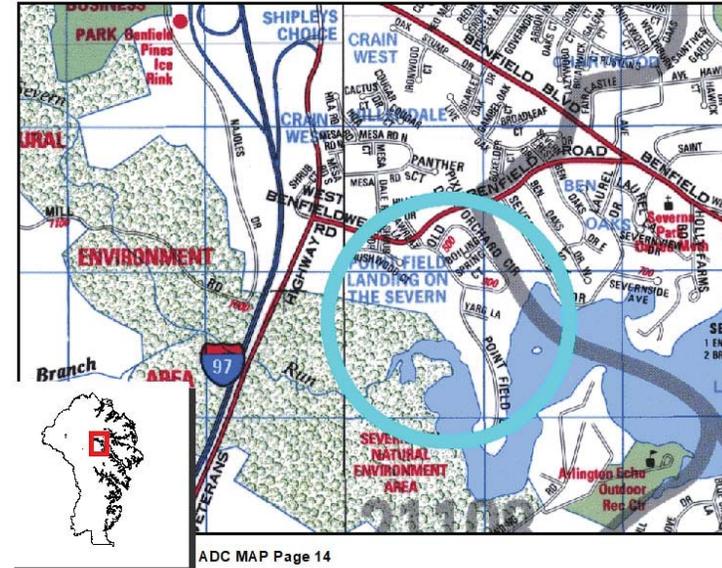
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$151,000	Plans and Engineering	\$180,000	\$151,000	\$29,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,564,000	Construction	\$1,873,000	\$1,564,000	\$309,000	\$0	\$0	\$0	\$0	\$0	\$0
\$69,000	Overhead	\$82,000	\$69,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,784,000	<b>Total</b>	\$2,135,000	\$1,784,000	\$351,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$351,000	\$0	\$351,000	\$0	\$0	\$0	\$0	\$0	\$0

S808700 Point Field Landing WW Exten.

Class: Wastewater

FY2021 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: 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: None

**Initial Total Project Cost Estimate**

FY 0 \$0

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$0	\$0	\$0
April 1, 2020	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,784,000	WasteWater Bonds	\$2,135,000	\$1,784,000	\$351,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,784,000	<b>Total</b>	\$2,135,000	\$1,784,000	\$351,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$351,000	\$0	\$351,000	\$0	\$0	\$0	\$0	\$0	\$0

S809000 Broadwater WRF Grit Sys Repl.

Class: Wastewater

FY2021

Council Approved

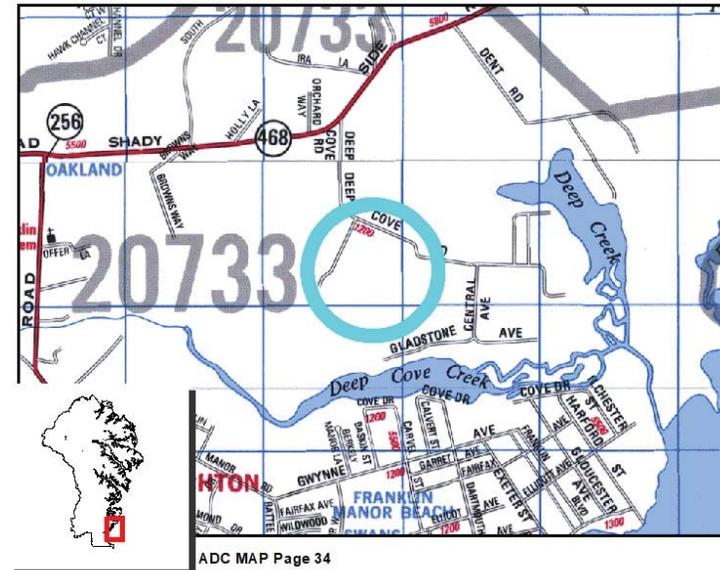
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$397,000	Plans and Engineering	\$397,000	\$397,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,721,000	Construction	\$3,721,000	\$0	\$3,721,000	\$0	\$0	\$0	\$0	\$0	\$0
\$165,000	Overhead	\$165,000	\$16,000	\$149,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,283,000	<b>Total</b>	\$4,283,000	\$413,000	\$3,870,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S809000 Broadwater WRF Grit Sys Repl.

Class: Wastewater

FY2021

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: None
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 0 \$0

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$0	\$0	\$0
April 1, 2020	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$4,283,000	WasteWater Bonds	\$4,283,000	\$413,000	\$3,870,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,283,000	<b>Total</b>	\$4,283,000	\$413,000	\$3,870,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$3,113,918)	Plans and Engineering	(\$3,714,889)	(\$3,714,889)	\$0	\$0	\$0	\$0	\$0	\$0	
\$21,653	Land	\$21,653	\$21,653	\$0	\$0	\$0	\$0	\$0	\$0	
(\$38,741,498)	Construction	(\$43,485,901)	(\$43,485,901)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$2,134,690)	Overhead	(\$2,358,259)	(\$2,358,259)	\$0	\$0	\$0	\$0	\$0	\$0	
‡155,724,191	Other	‡167,124,191	\$98,724,191	\$11,400,000	\$11,400	\$11,400	\$11,400	\$11,400	\$11,400	
‡111,755,738	<b>Total</b>	‡117,586,795	\$49,186,795	\$11,400,000	\$11,400	\$11,400	\$11,400	\$11,400	\$11,400	
<b>More (Less) Than Prior Year Program:</b>		\$5,831,057	(\$5,568,943)	\$0	\$0	\$0	\$0	\$0	\$11,400	Multi-Yr

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2021 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 FY 26 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
<b>April 1, 2019</b>	\$25,173,015	\$17,187,413	\$42,360,427
<b>April 1, 2020</b>	\$27,379,755	\$15,601,919	\$42,981,673

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$98,905,738	WasteWater Bonds	\$103,023,795	\$40,896,795	\$10,827,000	\$10,260	\$10,260	\$10,260	\$10,260	\$10,260	
\$12,850,000	WasteWater PayGo	\$13,990,000	\$8,290,000	\$0	\$1,140	\$1,140	\$1,140	\$1,140	\$1,140	
\$0	Bond Premium	\$573,000	\$0	\$573,000	\$0	\$0	\$0	\$0	\$0	
\$111,755,738	<b>Total</b>	\$117,586,795	\$49,186,795	\$11,400,000	\$11,400	\$11,400	\$11,400	\$11,400	\$11,400	
<b>More (Less) Than Prior Year Program:</b>		\$5,831,057	(\$5,568,943)	\$0	\$0	\$0	\$0	\$0	\$11,400	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$12,733,673	Other	\$12,640,157	\$3,140,157	\$250,000	\$1,850	\$1,850	\$1,850	\$1,850	\$1,850	
\$12,733,673	<b>Total</b>	\$12,640,157	\$3,140,157	\$250,000	\$1,850	\$1,850	\$1,850	\$1,850	\$1,850	
<b>More (Less) Than Prior Year Program:</b>		(\$93,517)	(\$1,343,517)	(\$1,400,000)	\$200	\$200	\$200	\$200	\$1,850	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2021 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: Decreased based on current estimates. Added FY26 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
<b>April 1, 2019</b>	\$1,978,809	\$723,543	\$2,702,353
<b>April 1, 2020</b>	\$1,495,210	\$719,255	\$2,214,465

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$541,037	Water Bonds	\$541,037	\$341,037	\$0	\$0	\$0	\$0	\$200	\$0	
\$782,639	WasteWater Bonds	\$782,639	\$582,639	\$0	\$0	\$0	\$0	\$200	\$0	
\$5,855,000	WasteWater PayGo	\$5,606,818	\$912,818	\$129,000	\$953	\$953	\$953	\$753	\$953	
\$5,555,000	Water PayGo	\$5,709,666	\$1,303,666	\$121,000	\$897	\$897	\$897	\$697	\$897	
(\$3)	User Connections	(\$3)	(\$3)	\$0	\$0	\$0	\$0	\$0	\$0	
\$12,733,673	<b>Total</b>	\$12,640,157	\$3,140,157	\$250,000	\$1,850	\$1,850	\$1,850	\$1,850	\$1,850	
<b>More (Less) Than Prior Year Program:</b>		(\$93,517)	(\$1,343,517)	(\$1,400,000)	\$200	\$200	\$200	\$200	\$1,850	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$673,954)	Plans and Engineering	(\$762,869)	(\$762,869)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$66,739)	Overhead	(\$82,097)	(\$82,097)	\$0	\$0	\$0	\$0	\$0	\$0	
\$20,939,157	Other	\$25,126,157	\$13,151,157	\$2,058,000	\$3,333	\$2,195	\$1,928	\$1,299	\$1,162	
\$20,198,463	<b>Total</b>	\$24,281,190	\$12,306,190	\$2,058,000	\$3,333	\$2,195	\$1,928	\$1,299	\$1,162	
<b>More (Less) Than Prior Year Program:</b>		\$4,082,727	(\$104,273)	(\$2,033,000)	\$1,566	\$1,515	\$1,303	\$674	\$1,162	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2021 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 estimates
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, 2019	\$1,296,212	\$1,457,402	\$2,753,613
April 1, 2020	\$2,839,726	\$1,490,086	\$4,329,812

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$20,051,463	WasteWater PayGo	\$24,134,190	\$12,159,190	\$2,058,000	\$3,333	\$2,195	\$1,928	\$1,299	\$1,162	
\$147,000	Other State Grants	\$147,000	\$147,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$20,198,463	<b>Total</b>	\$24,281,190	\$12,306,190	\$2,058,000	\$3,333	\$2,195	\$1,928	\$1,299	\$1,162	
<b>More (Less) Than Prior Year Program:</b>		\$4,082,727	(\$104,273)	(\$2,033,000)	\$1,566	\$1,515	\$1,303	\$674	\$1,162	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$29,636)	Plans and Engineering	(\$29,636)	(\$29,636)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$86,193)	Construction	(\$86,193)	(\$86,193)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$6,435)	Overhead	(\$6,435)	(\$6,435)	\$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	<b>Total</b>	\$4,794,077	\$3,794,077	\$0	\$200	\$200	\$200	\$200	\$200	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2021 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 FY26 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, 2019	\$273,661	\$161,865	\$435,526
April 1, 2020	\$395,174	\$542,249	\$937,423

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$0	Water Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	WasteWater Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,794,077	WasteWater PayGo	\$4,794,077	\$3,794,077	\$0	\$200	\$200	\$200	\$200	\$200	
\$0	Water PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,794,077	<b>Total</b>	\$4,794,077	\$3,794,077	\$0	\$200	\$200	\$200	\$200	\$200	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

Z533200 Routine Sewer Extensions

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
(\$300,528)	Plans and Engineering	(\$301,914)	(\$301,914)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$10,050)	Land	(\$11,200)	(\$11,200)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$336,978)	Construction	(\$460,062)	(\$460,062)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$36,577)	Overhead	(\$41,732)	(\$41,732)	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,824,145	Other	\$3,074,145	\$1,574,145	\$250,000	\$250	\$250	\$250	\$250	\$250	
\$2,140,013	<b>Total</b>	\$2,259,236	\$759,236	\$250,000	\$250	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$119,224	(\$130,776)	\$0	\$0	\$0	\$0	\$0	\$250	Multi-Yr

Z533200 Routine Sewer Extensions

Class: Wastewater

FY2021

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 FY 26 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
<b>April 1, 2019</b>	\$194,990	\$20,981	\$215,971
<b>April 1, 2020</b>	\$126,856	\$25,571	\$152,427

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$890,013	WasteWater Bonds	\$1,009,236	\$759,236	\$250,000	\$0	\$0	\$0	\$0	\$0	
\$1,250,000	WasteWater PayGo	\$1,250,000	\$0	\$0	\$250	\$250	\$250	\$250	\$250	
\$2,140,013	<b>Total</b>	\$2,259,236	\$759,236	\$250,000	\$250	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$119,224	(\$130,776)	\$0	\$0	\$0	\$0	\$0	\$250	Multi-Yr

S800600 Dewatering Facilities

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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
\$42,018,000	Construction	\$41,682,936	\$41,682,936	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,971,000	Overhead	\$1,957,463	\$1,957,463	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,923,000	<b>Total</b>	\$47,574,399	\$47,574,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$348,601)	(\$348,601)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800600 Dewatering Facilities

Class: Wastewater

FY2021

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: 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 \$13,274,700

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$29,038,602	\$15,164,652	\$44,203,254
<b>April 1, 2020</b>	\$42,349,679	\$3,220,413	\$45,570,091

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$43,923,000	WasteWater Bonds	\$38,905,399	\$43,574,399	(\$4,669,000)	\$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
\$3,000,000	Bond Premium	\$7,669,000	\$3,000,000	\$4,669,000	\$0	\$0	\$0	\$0	\$0	\$0
\$47,923,000	<b>Total</b>	\$47,574,399	\$47,574,399	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$348,601)	(\$348,601)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800700 Regional Sludge Facility

Class: Wastewater

FY2021 Council Approved

**Description**

Project will provide funding to complete planning studies for the design and construction of a regional Class A sludge processing facility. This study is being completed in accordance with the recommendations of the Biosolids Management Plan. The studies will address environmental, cost, technology and other miscellaneous factors related to the construction of a regional sludge processing facility. Based on the results of the planning studies, this project description may be amended in the future to include design and construction of the recommended improvements.

Location

Countywide

**Benefit**

To ensure long term facilities are developed for the treatment and disposal of sludge from the County's Water Reclamation Facilities.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$631,000	Plans and Engineering	\$631,000	\$631,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$30,500	Overhead	\$30,500	\$30,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$661,500	<b>Total</b>	\$661,500	\$661,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800700 Regional Sludge Facility

Class: Wastewater

FY2021 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: None
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2010 \$157,500

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$607,968	\$4,761	\$612,729
April 1, 2020	\$640,048		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$661,500	WasteWater Bonds	\$661,500	\$661,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$661,500	<b>Total</b>	\$661,500	\$661,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

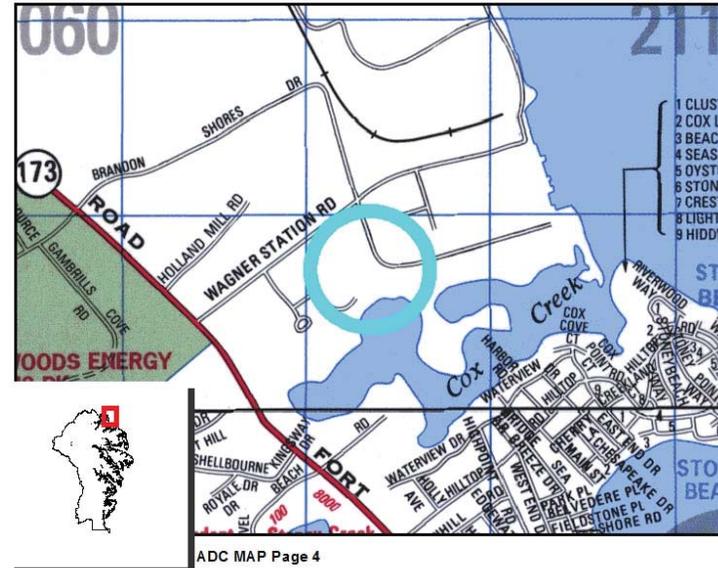
S802200 Cox Creek WRF ENR

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	‡140,855,964	‡140,855,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802200 Cox Creek WRF ENR

Class: Wastewater

FY2021

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: Design, 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
<b>April 1, 2019</b>	\$130,826,003	\$347,872	\$131,173,875
<b>April 1, 2020</b>	\$138,573,810	\$223,418	\$138,797,229

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$140,855,964	\$140,855,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802500 Grease/Grit Facility

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$681,000	Plans and Engineering	\$681,000	\$681,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,718,000	Land	\$2,718,000	\$2,718,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,415,000	Construction	\$4,415,000	\$4,415,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$390,000	Overhead	\$390,000	\$390,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,204,000	<b>Total</b>	\$8,204,000	\$8,204,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802500 Grease/Grit Facility

Class: Wastewater

FY2021 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: 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 2010 \$392,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$3,494,172	\$3,855,190	\$7,349,362
<b>April 1, 2020</b>	\$6,009,787	\$1,598,383	\$7,608,169

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$8,204,000	WasteWater Bonds	\$8,204,000	\$8,204,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,204,000	<b>Total</b>	\$8,204,000	\$8,204,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802800 Sewer Proj Mgmt

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,000,000	Other	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	<b>Total</b>	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S802800 Sewer Proj Mgmt

Class: Wastewater

FY2021

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:** Potential savings/cost avoidance

**Initial Total Project Cost Estimate**

FY 2010      \$1,000,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2019	\$162,200	\$1,657,580
April 1, 2020	\$152,247	\$1,844,226

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,000,000	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	<b>Total</b>	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S802900 Annapolis WRF ENR

Class: Wastewater

FY2021

Council Approved

**Description**

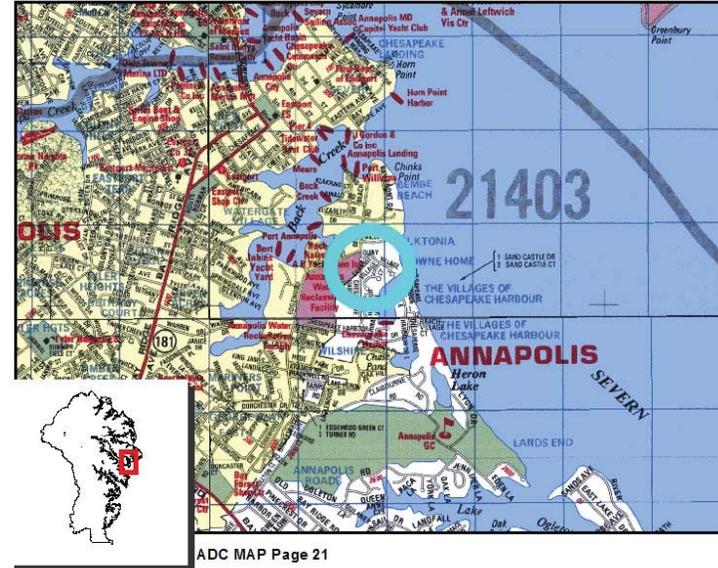
Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Annapolis WRF to meet Maryland Department of the Environment guidelines (3.0 mg/l TN and 0.3 mg/l TP).The construction of this project is funded over 2 years.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$22,806,779	\$22,806,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802900 Annapolis WRF ENR

Class: Wastewater

FY2021

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: 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 \$21,142,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$19,959,068	\$2,199,938	\$22,159,005
April 1, 2020	\$21,921,307	\$341,356	\$22,262,663

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$22,806,779	\$22,806,779	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S803800 Sylvan Shores WW Collect Sys

Class: Wastewater

FY2021

Council Approved

Description

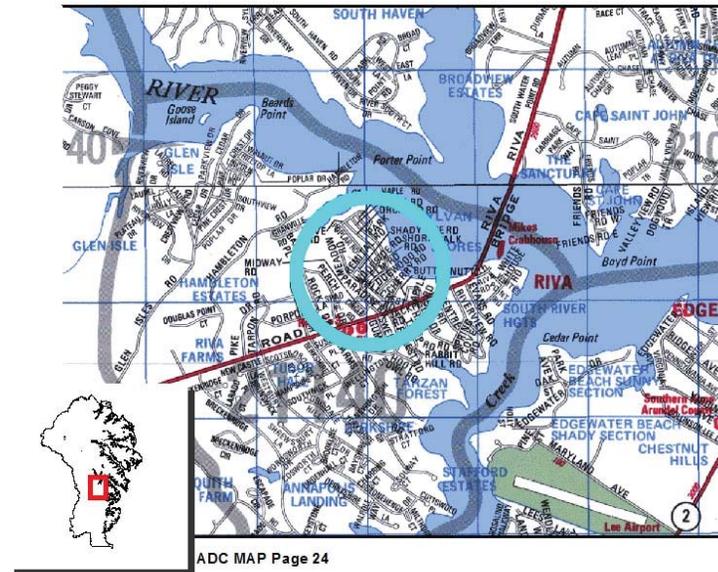
Funds are requested for the design, right of way acquisition and construction of a sanitary sewer system to serve approximately 262 properties within the community of Sylvan Shores. This project is in response to a valid petition for public sewer service.

Benefit

Project will provide public sewer service to properties currently connected to a deteriorating private wastewater collection system.

Amendment History

Removed proposed de-appropriation of \$5,018,000 via amendment #80 to Bill 28-10.  
 Removed \$1,200,000 via AMD #42 to Bill 46-13. CC removed \$175k via AMD #148 to Bill 29-15. CC removed \$185,000 via AMD #26 to Bill 31-16.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$103,000	Plans and Engineering	\$103,000	\$103,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,000	Land	\$3,000	\$3,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,938,000	Construction	\$2,938,000	\$2,938,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$168,000	Overhead	\$168,000	\$168,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,212,000	<b>Total</b>	\$3,212,000	\$3,212,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S803800 Sylvan Shores WW Collect Sys

Class: Wastewater

FY2021 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: None

**Initial Total Project Cost Estimate**

FY 2010 \$5,052,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$3,160,141	\$4,289	\$3,164,429
April 1, 2020	\$3,178,592	\$1,127	\$3,179,719

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,564,000	WasteWater Bonds	\$2,564,000	\$2,564,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$648,000	Other State Grants	\$648,000	\$648,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,212,000	<b>Total</b>	\$3,212,000	\$3,212,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$4,985,000	Other	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,985,000	<b>Total</b>	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2021 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 upcoming projects. Added FY 26 funding.
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, 2019	\$2,601,620	\$988,432	\$3,590,052
April 1, 2020	\$3,398,817	\$1,175,718	\$4,574,535

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$4,985,000	\$4,985,000	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

S804600 WW System Security

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$536,499	Plans and Engineering	\$536,499	\$536,499	\$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
\$119,022	Overhead	\$119,022	\$119,022	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,102,985	<b>Total</b>	\$2,102,985	\$2,102,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804600 WW System Security

Class: Wastewater

FY2021

Council Approved

**Project Status**

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Planning, Multi-Year
3. Action Required To Complete This Project: Construction, 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, 2019	\$156,057	\$0	\$156,057
April 1, 2020	\$156,057		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,102,985	WasteWater PayGo	\$2,102,985	\$2,102,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,102,985	<b>Total</b>	\$2,102,985	\$2,102,985	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**S805400 Marley SPS Upgrade**

**Class: Wastewater**

**FY2021**

**Council Approved**

**Description**

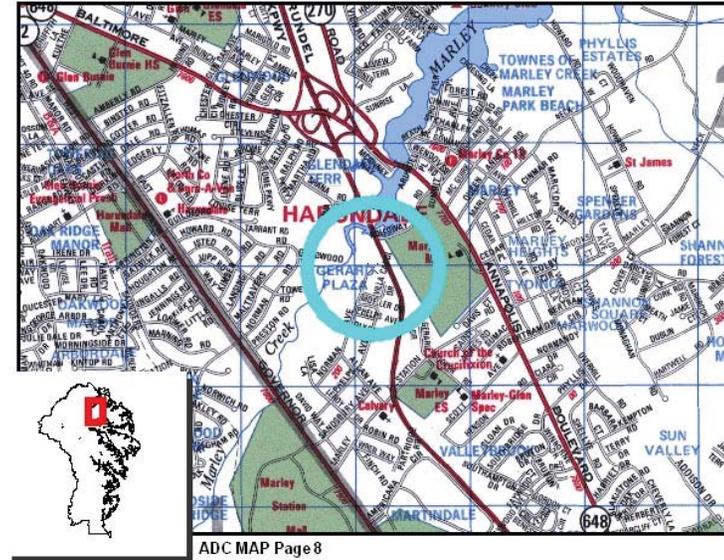
Funds are requested for the planning, design, right of way acquisition and construction of various upgrades to the Marley Sewage Pumping Station. The purpose of the project is to replace and update mechanical equipment, electrical equipment, controls, etc. to improve the station's operation and reliability.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$245,811	Plans and Engineering	\$245,811	\$245,811	\$0	\$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	\$16,645	\$16,645	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$217,689	<b>Total</b>	\$217,689	\$217,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S805400 Marley SPS Upgrade

Class: Wastewater

FY2021 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: 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 2009 \$4,979,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$54,216	\$134,120	\$188,336
April 1, 2020	\$81,284	\$94,817	\$176,101

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$217,689	WasteWater Bonds	\$217,689	\$217,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$217,689	<b>Total</b>	\$217,689	\$217,689	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2021

Council Approved

**Description**

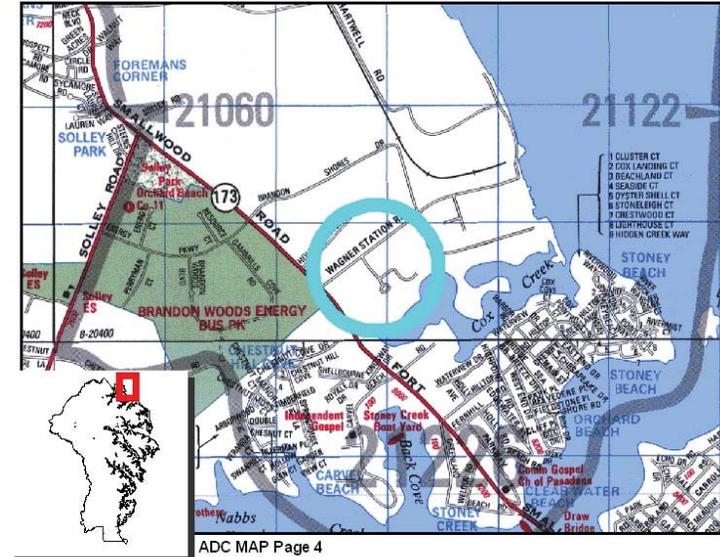
Funds are requested for the design and construction of facility upgrades at the Cox Creek WRF. Upgrades include modifications to the grit chamber, post aeration, chemical feed systems, gravity thickener, new grit classifiers, replacement of the maintenance building and related equipment. Project will 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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
\$23,085,000	Construction	\$22,960,000	\$23,085,000	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$640,000	Overhead	\$640,000	\$640,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,638,000	<b>Total</b>	\$25,513,000	\$25,638,000	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$125,000)	\$0	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2021

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: Design, 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 2010      \$21,267,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$23,397,407	\$696,725	\$24,094,132
<b>April 1, 2020</b>	\$24,563,985	\$121,380	\$24,685,365

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$25,638,000	WasteWater Bonds	\$25,513,000	\$25,638,000	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$25,638,000	<b>Total</b>	\$25,513,000	\$25,638,000	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$125,000)	\$0	(\$125,000)	\$0	\$0	\$0	\$0	\$0	\$0

S806500 Patuxent WRF Exp

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$5,671,000	Plans and Engineering	\$5,605,128	\$5,605,128	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$48,248,000	Construction	\$48,245,064	\$48,245,064	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,513,000	Overhead	\$2,509,953	\$2,509,953	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$56,432,000	<b>Total</b>	\$56,360,145	\$56,360,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$71,855)	(\$71,855)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806500 Patuxent WRF Exp

Class: Wastewater

FY2021

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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2011      \$37,631,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$55,479,938	\$679,011	\$56,158,949
<b>April 1, 2020</b>	\$56,099,985	\$82,165	\$56,182,150

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$35,116,000	WasteWater Bonds	\$35,044,145	\$35,044,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$21,316,000	Bond Premium	\$21,316,000	\$21,316,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$56,432,000	<b>Total</b>	\$56,360,145	\$56,360,145	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$71,855)	(\$71,855)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806600 Maryland City WRF Exp

Class: Wastewater

FY2021

Council Approved

**Description**

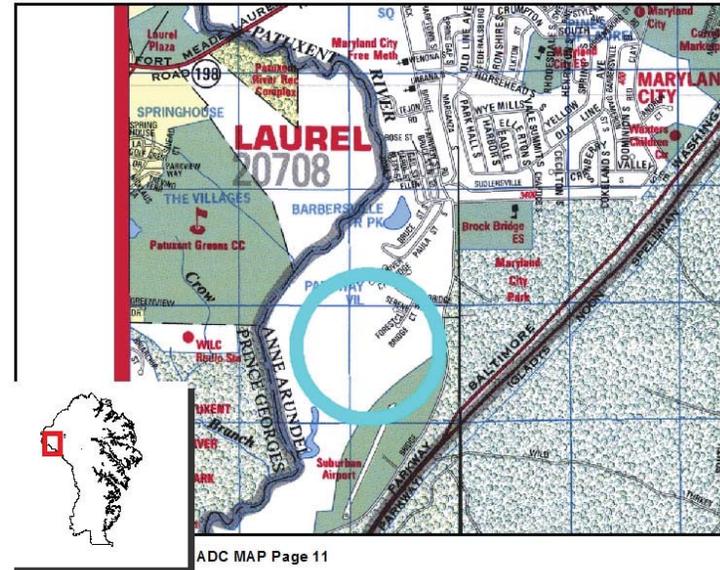
Funds are requested for the design, land acquisition and construction of an expansion of the Maryland City WRF to a capacity of 3.7 MGD. The project will include the addition of a new process train including tankage, process units, modifications to existing facilities, upgrade of the headworks and all 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$5,067,000	Plans and Engineering	\$5,067,000	\$5,067,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$37,340,000	Construction	\$37,340,000	\$37,340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,959,600	Overhead	\$1,959,600	\$1,959,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$44,366,600	<b>Total</b>	\$44,366,600	\$44,366,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806600 Maryland City WRF Exp

Class: Wastewater

FY2021

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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2011 \$15,495,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$43,651,434	\$259,234	\$43,910,668
<b>April 1, 2020</b>	\$43,705,391	\$335,800	\$44,041,191

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$40,682,600	WasteWater Bonds	\$40,682,600	\$40,682,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,684,000	Bond Premium	\$3,684,000	\$3,684,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$44,366,600	<b>Total</b>	\$44,366,600	\$44,366,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2021

Council Approved

**Description**

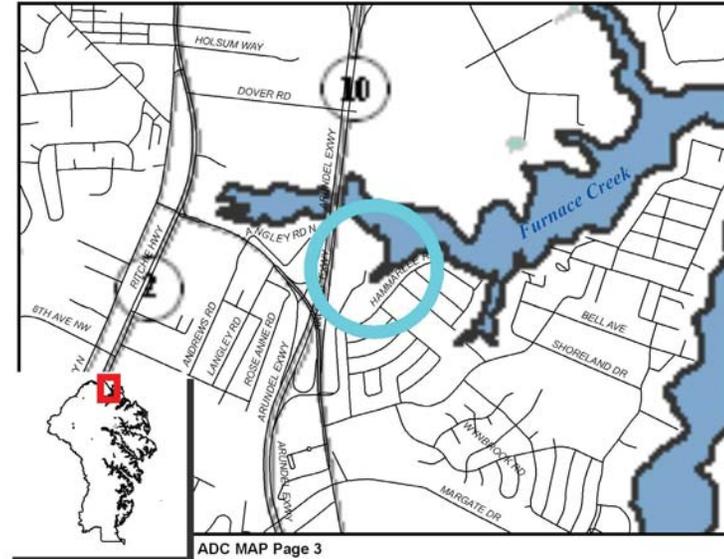
Funds are requested for the design, right of way acquisition, and construction of approximately 5,400 linear feet of 36" force main from Hammarlee Drive to Marley Creek.

**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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2021

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:** Less than \$100,000 per year

**Initial Total Project Cost Estimate**

FY 2011      \$7,025,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$3,502,112	\$5,938,856	\$9,440,967
<b>April 1, 2020</b>	\$9,214,936	\$575,653	\$9,790,589

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$12,499,000	WasteWater Bonds	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,499,000	<b>Total</b>	\$12,499,000	\$12,499,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2021

Council Approved

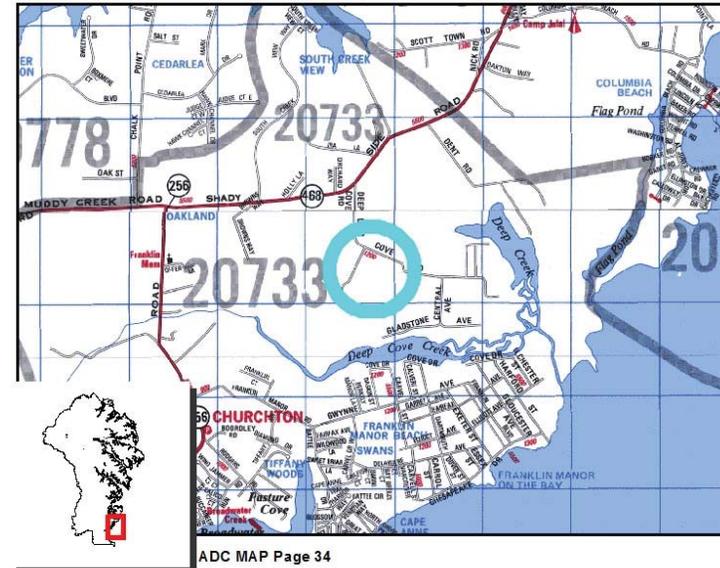
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$255,987	Plans and Engineering	\$255,987	\$255,987	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,105,000	Construction	\$1,994,000	\$2,105,000	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$95,000	Overhead	\$95,000	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,455,987	<b>Total</b>	\$2,344,987	\$2,455,987	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$111,000)	\$0	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2021

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 2014 \$1,782,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$2,226,180	\$124,865	\$2,351,045
April 1, 2020	\$2,277,480	\$59,298	\$2,336,778

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,455,987	WasteWater Bonds	\$2,344,987	\$2,455,987	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,455,987	<b>Total</b>	\$2,344,987	\$2,455,987	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$111,000)	\$0	(\$111,000)	\$0	\$0	\$0	\$0	\$0	\$0

**S807900 Crofton Sewer Pumping Station**

**Class: Wastewater**

**FY2021**

**Council Approved**

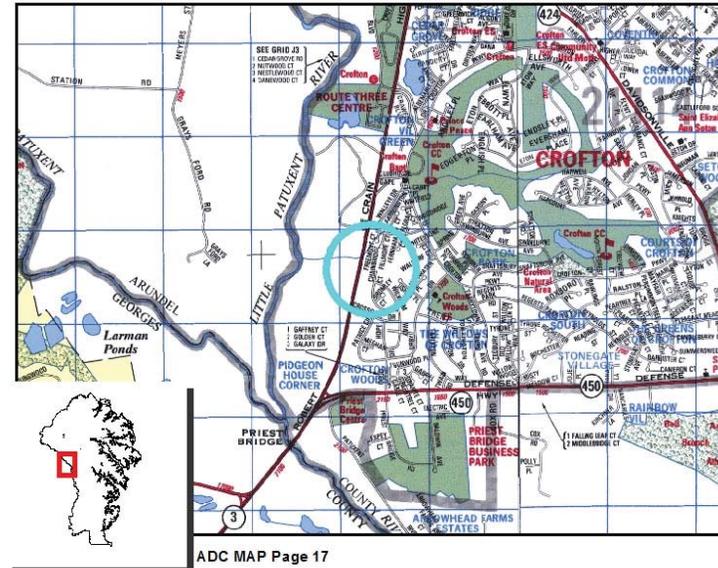
**Description**

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807900 Crofton Sewer Pumping Station

Class: Wastewater

FY2021 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: Indeterminate

**Initial Total Project Cost Estimate**

FY 2018 \$6,167,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$382,129	\$18,430	\$400,559
April 1, 2020	\$467,457	\$4,897,665	\$5,365,122

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$6,167,000	WasteWater Bonds	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,167,000	<b>Total</b>	\$6,167,000	\$6,167,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808400 MD CITY SPS UPGRADE

Class: Wastewater

FY2021

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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808400 MD CITY SPS UPGRADE

Class: Wastewater

FY2021

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: 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, 2019	\$454	\$39,001	\$39,455
April 1, 2020	\$432,508	\$3,244,509	\$3,677,017

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$4,069,000	WasteWater Bonds	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,069,000	<b>Total</b>	\$4,069,000	\$4,069,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808600 OPS Compl Solar Panels-Sewer

Class: Wastewater

FY2021

Council Approved

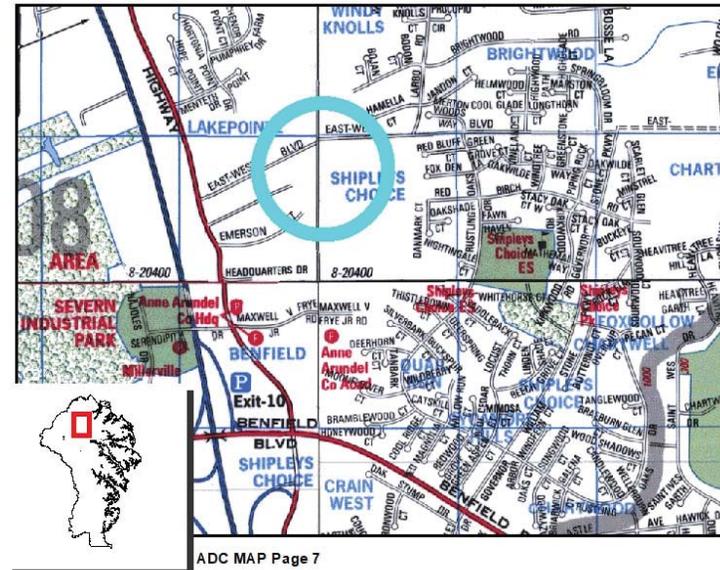
**Description**

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**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$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	<b>Total</b>	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S808600 OPS Compl Solar Panels-Sewer

Class: Wastewater

FY2021

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: Construction, Performance

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Decreased due to 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 0                      \$0

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2019	\$0	\$0	\$0
April 1, 2020	\$0	\$0	\$0

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$1,886,000	WasteWater Bonds	\$1,886,000	\$1,886,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,077,000	Other State Grants	\$1,077,000	\$1,077,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,963,000	<b>Total</b>	\$2,963,000	\$2,963,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

X749000 Agreements W/Developers

Class: Wastewater

FY2021 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 FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Overhead	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,998,635	Other	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,998,635	<b>Total</b>	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$192,179)	(\$192,179)	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X749000 Agreements W/Developers

Class: Wastewater

FY2021

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: Indeterminate

**Initial Total Project Cost Estimate**

FY 1988      \$11,820,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2019</b>	\$238,104	\$104,554	\$342,658
<b>April 1, 2020</b>	\$186,097	\$128,864	\$314,961

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2021	Capital Program (\$000)					Beyond 6 Years
					FY2022	FY2023	FY2024	FY2025	FY2026	
\$2,998,635	Developer Contribution	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,998,635	<b>Total</b>	\$2,806,456	\$2,806,456	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$192,179)	(\$192,179)	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

This page intentionally blank