

Approved Capital Budget and Program



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Steve Schuh
County Executive

Wastewater

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Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
Project Class Wastewater									
S769700	Mayo WRF Expans	\$54,072,000	\$50,472,000	\$3,600,000	\$0	\$0	\$0	\$0	\$0
S776700	Wastewater Strategic Plan	\$4,400,000	\$3,500,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
S783700	Marley-Jumpers Swr Rehab	\$9,260,000	\$10,235,000	(\$975,000)	\$0	\$0	\$0	\$0	\$0
S791800	Upgr/Retrofit SPS	\$56,887,909	\$29,792,909	\$3,220,000	\$4,775,000	\$4,775,000	\$4,775,000	\$4,775,000	\$4,775,000
S792700	Fac Abandonment WW2	\$1,700,602	\$1,197,602	\$0	\$0	\$503,000	\$0	\$0	\$0
S792900	Cayuga Farms PS & FM	\$12,905,000	\$13,072,000	(\$167,000)	\$0	\$0	\$0	\$0	\$0
S797900	Broadneck WRF Upgrd	\$17,986,000	\$12,386,000	\$0	\$5,600,000	\$0	\$0	\$0	\$0
S798100	Wastewater Scada Upg	\$6,225,000	\$4,330,000	\$1,895,000	\$0	\$0	\$0	\$0	\$0
S799000	Ridgeview SPS & FM	\$9,086,000	\$9,101,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0
S799200	Mayo Collection Sys Upgrade	\$10,740,393	\$7,935,393	\$305,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000
S800100	Riva Road Force Main	\$3,138,000	\$3,165,000	(\$27,000)	\$0	\$0	\$0	\$0	\$0
S802300	WRF Infrastr Up/Retro	\$10,973,678	\$5,053,678	\$920,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000
S802500	Grease/Grit Facility	\$6,198,000	\$4,153,000	(\$85,000)	\$2,130,000	\$0	\$0	\$0	\$0
S802700	WRF Effluent Wells	\$202,000	\$252,000	(\$50,000)	\$0	\$0	\$0	\$0	\$0
S802900	Annapolis WRF ENR	\$20,624,945	\$19,974,945	\$650,000	\$0	\$0	\$0	\$0	\$0
S803000	Maryland City WRF ENR	\$9,536,000	\$11,236,000	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0
S803200	Mayo WRF ENR	\$0	\$9,000	(\$9,000)	\$0	\$0	\$0	\$0	\$0
S803700	Broadwater WRF ENR	\$16,659,950	\$15,791,950	\$868,000	\$0	\$0	\$0	\$0	\$0
S803800	Sylvan Shores WW Collect Sys	\$3,777,000	\$3,852,000	(\$75,000)	\$0	\$0	\$0	\$0	\$0
S804000	Sylvan Shores PS Upg	\$3,899,000	\$4,149,000	(\$250,000)	\$0	\$0	\$0	\$0	\$0
S804100	Patuxent WRF ENR	\$13,800,000	\$13,900,000	(\$100,000)	\$0	\$0	\$0	\$0	\$0
S804200	Riva Woods PS Upg	\$1,180,500	\$1,199,500	(\$19,000)	\$0	\$0	\$0	\$0	\$0
S804300	Jennifer Road PS Upg	\$10,140,000	\$10,275,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0
S804400	Balto City Sewer Agrmnt	\$3,635,000	\$1,235,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0
S804500	Pasadena ES Sewer	\$1,682,000	\$1,729,000	(\$47,000)	\$0	\$0	\$0	\$0	\$0
S804600	WW System Security	\$3,571,000	\$2,160,000	\$0	\$1,411,000	\$0	\$0	\$0	\$0
S804900	Parole SPS Upgrade	\$4,737,000	\$4,827,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0

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Anne Arundel County, Maryland

Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
S805200	Rivieria Beach SPS Mods	\$3,638,000	\$5,998,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0
S805300	Cinder Cove SPS Mods	\$10,765,000	\$10,925,000	(\$160,000)	\$0	\$0	\$0	\$0	\$0
S805900	Odenton Town Cntr Sewr	\$13,657,000	\$12,740,000	\$917,000	\$0	\$0	\$0	\$0	\$0
S806200	SPS Fac Gen Replace	\$44,809,000	\$21,699,000	\$3,735,000	\$3,875,000	\$3,875,000	\$3,875,000	\$3,875,000	\$3,875,000
S806500	Patuxent WRF Exp	\$63,704,000	\$62,844,000	\$430,000	\$430,000	\$0	\$0	\$0	\$0
S806700	Cinder Cove FM Rehab	\$12,499,000	\$8,367,000	\$4,132,000	\$0	\$0	\$0	\$0	\$0
S806900	Rolling Knolls ES Sewer Ext	\$3,448,700	\$3,117,000	\$331,700	\$0	\$0	\$0	\$0	\$0
S807000	Broadwater WRF Headworks	\$3,611,000	\$2,528,000	\$1,083,000	\$0	\$0	\$0	\$0	\$0
S807200	Tanglewood Two Sewer	\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0
S807300	Annapolis WRF Upgrade	\$7,811,000	\$0	\$972,000	\$6,839,000	\$0	\$0	\$0	\$0
X738800	Sewer Main Repl/Recon	\$78,425,985	\$46,025,985	\$5,400,000	\$5,400,000	\$5,400,000	\$5,400,000	\$5,400,000	\$5,400,000
X741200	WW Service Connections	\$10,848,341	\$2,848,341	\$0	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000	\$1,600,000
X800000	State Hwy Reloc-Sewer	\$1,920,063	\$920,063	\$0	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Z533200	Routine Sewer Extensions	\$3,462,228	\$1,462,228	\$0	\$400,000	\$400,000	\$400,000	\$400,000	\$400,000
S647500	Balto. County Sewer Agreement	\$21,604,800	\$21,604,800	\$0	\$0	\$0	\$0	\$0	\$0
S741300	Chg Against WW Clsd Projects	\$640,348	\$640,348	\$0	\$0	\$0	\$0	\$0	\$0
S777200	Central Sanitation Facility	\$22,256,000	\$22,256,000	\$0	\$0	\$0	\$0	\$0	\$0
S797800	Furnace Brn Swr Repl	\$754,000	\$754,000	\$0	\$0	\$0	\$0	\$0	\$0
S800600	Dewatering Facilities	\$46,433,000	\$46,433,000	\$0	\$0	\$0	\$0	\$0	\$0
S800700	Regional Sludge Facility	\$984,500	\$984,500	\$0	\$0	\$0	\$0	\$0	\$0
S802200	Cox Creek WRF ENR	\$140,863,000	\$140,863,000	\$0	\$0	\$0	\$0	\$0	\$0
S802800	Sewer Proj Mgmt	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
S803100	Broadneck WRF ENR	\$25,775,000	\$25,775,000	\$0	\$0	\$0	\$0	\$0	\$0
S804700	Mill Creek SPS Upg	\$11,377,000	\$11,377,000	\$0	\$0	\$0	\$0	\$0	\$0
S805000	WRF Effluent Reuse	\$42,000	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0
S805400	Marley SPS Upgrade	\$4,229,000	\$4,229,000	\$0	\$0	\$0	\$0	\$0	\$0
S806000	Chesapeake Bch WWTP	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0
S806100	Cox Creek WRF Non-ENR	\$25,998,000	\$25,998,000	\$0	\$0	\$0	\$0	\$0	\$0
S806300	Big Cypress SPS Retro	\$3,756,000	\$3,756,000	\$0	\$0	\$0	\$0	\$0	\$0

Capital Budget and Program

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Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
S806600	Maryland City WRF Exp	\$47,752,600	\$47,752,600	\$0	\$0	\$0	\$0	\$0	\$0
S806800	Parkway Ind Park Sewer Rehab	\$438,000	\$438,000	\$0	\$0	\$0	\$0	\$0	\$0
X749000	Agreements W/Developers	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0
X764200	WW Project Planning	\$3,968,664	\$3,968,664	\$0	\$0	\$0	\$0	\$0	\$0
Total Wastewater		\$920,476,459	\$788,746,759	\$25,316,700	\$34,310,000	\$18,403,000	\$17,900,000	\$17,900,000	\$17,900,000

Capital Budget and Program

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Project Class Summary - Funding Detail							Council Approved		
Project	Project Title	Total	Prior	FY2016	FY2017	FY2018	FY2019	FY2020	FY2021
Project Class Wastewater									
Bonds									
	General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Water Bonds	\$1,438,056	\$1,438,056	\$0	\$0	\$0	\$0	\$0	\$0
	WasteWater Bonds	\$684,469,764	\$587,672,019	\$17,798,745	\$27,799,000	\$12,800,000	\$12,800,000	\$12,800,000	\$12,800,000
	Bonds	\$685,907,820	\$589,110,075	\$17,798,745	\$27,799,000	\$12,800,000	\$12,800,000	\$12,800,000	\$12,800,000
PayGo									
	WasteWater PayGo	\$77,524,312	\$58,553,312	(\$4,443,000)	\$5,711,000	\$4,803,000	\$4,300,000	\$4,300,000	\$4,300,000
	Water PayGo	\$4,100,124	\$100,124	\$0	\$800,000	\$800,000	\$800,000	\$800,000	\$800,000
	PayGo	\$81,624,436	\$58,653,436	(\$4,443,000)	\$6,511,000	\$5,603,000	\$5,100,000	\$5,100,000	\$5,100,000
Grants & Aid									
	Other State Grants	\$133,394,950	\$130,960,995	\$2,433,955	\$0	\$0	\$0	\$0	\$0
	Grants & Aid	\$133,394,950	\$130,960,995	\$2,433,955	\$0	\$0	\$0	\$0	\$0
Other									
	Developer Contribution	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0
	Other Funding Sources	\$3,054,000	\$1,377,000	\$1,677,000	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$450,000	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0
	Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
	Bond Premium	\$10,795,000	\$3,395,000	\$7,400,000	\$0	\$0	\$0	\$0	\$0
	User Connections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Special Tax Districts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
	Other	\$19,549,253	\$10,022,253	\$9,527,000	\$0	\$0	\$0	\$0	\$0
	Wastewater	\$920,476,459	\$788,746,759	\$25,316,700	\$34,310,000	\$18,403,000	\$17,900,000	\$17,900,000	\$17,900,000

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S769700 Mayo WRF Expans

Class: Wastewater

FY2016 Council Approved

Description

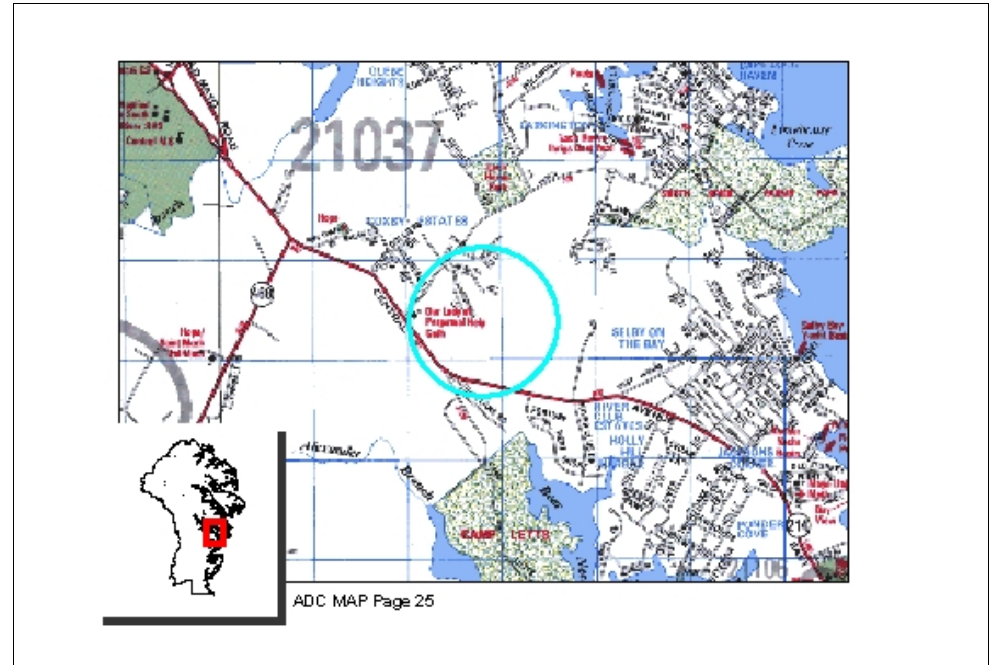
This project is to design, acquire right of ways and construct a forcemain from the Mayo WRF site to the Annapolis WRF; construct upgrades to the Mayo Influent SPS and the Glebe Heights SPS; and a new forcemain from Glebe Heights SPS to the Mayo Influent SPS. When completed wastewater will be treated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

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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$5,464,000	Plans and Engineering	\$5,752,000	\$5,464,000	\$288,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,114,000	Land	\$1,114,000	\$1,114,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$41,633,000	Construction	\$44,729,000	\$41,633,000	\$3,096,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,261,000	Overhead	\$2,477,000	\$2,261,000	\$216,000	\$0	\$0	\$0	\$0	\$0	\$0
\$50,472,000	Total	\$54,072,000	\$50,472,000	\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$3,600,000	\$0	\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$0

S769700 Mayo WRF Expans

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance of Phase I Upgrades. Design of Mayo WRF modifications and forcemain to Annapolis WRF.
3. Action Required To Complete This Project: Right of way acquisition, construction and performance of Mayo and Glebe Heights modifications and forcemain to Annapolis WRF.

Change from Prior Year

1. Change In Name Or Description: None.
2. Change In Total Project Cost: Cost increase based on current estimate.
3. Change In Scope: None.
4. Change In Timing: None.

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

Initial Total Project Cost Estimate

FY 1994 \$2,581,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$15,138,615	\$2,904,402
April 1, 2015	\$18,983,613	\$1,397,170
		\$20,380,783

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$39,314,900	WasteWater Bonds	\$41,762,000	\$39,314,900	\$2,447,100	\$0	\$0	\$0	\$0	\$0	\$0
\$555,000	WasteWater PayGo	\$555,000	\$555,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,207,100	Other State Grants	\$8,360,000	\$7,207,100	\$1,152,900	\$0	\$0	\$0	\$0	\$0	\$0
\$3,395,000	Bond Premium	\$3,395,000	\$3,395,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$50,472,000	Total	\$54,072,000	\$50,472,000	\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$3,600,000	\$0	\$3,600,000	\$0	\$0	\$0	\$0	\$0	\$0

5776700 Wastewater Strategic Plan

Class: Wastewater

FY2016 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.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,067,800	Plans and Engineering	\$4,209,300	\$3,360,300	\$141,500	\$142	\$142	\$142	\$142	\$142	\$0
\$182,200	Overhead	\$190,700	\$139,700	\$8,500	\$8	\$8	\$8	\$8	\$8	\$0
\$0	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,250,000	Total	\$4,400,000	\$3,500,000	\$150,000	\$150	\$150	\$150	\$150	\$150	\$0
More (Less) Than Prior Year Program:		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0

S776700 Wastewater Strategic Plan

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Initiated and completed follow up studies from the Sewer Strategic Plan.
3. Action Required To Complete This Project: On-Going studies to validate recommendations from Comprehensive Sewer Strategic Plan.

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY21 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, 2014	\$2,425,145	\$2,436	\$2,427,580
April 1, 2015	\$2,425,145	\$0	\$2,425,145

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,250,000	WasteWater PayGo	\$4,400,000	\$3,500,000	\$150,000	\$150	\$150	\$150	\$150	\$150	\$0
\$4,250,000	Total	\$4,400,000	\$3,500,000	\$150,000	\$150	\$150	\$150	\$150	\$150	\$0
More (Less) Than Prior Year Program:		\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$150	\$0

S783700 Marley-Jumpers Swr Rehab

Class: Wastewater

FY2016

Council Approved

Description

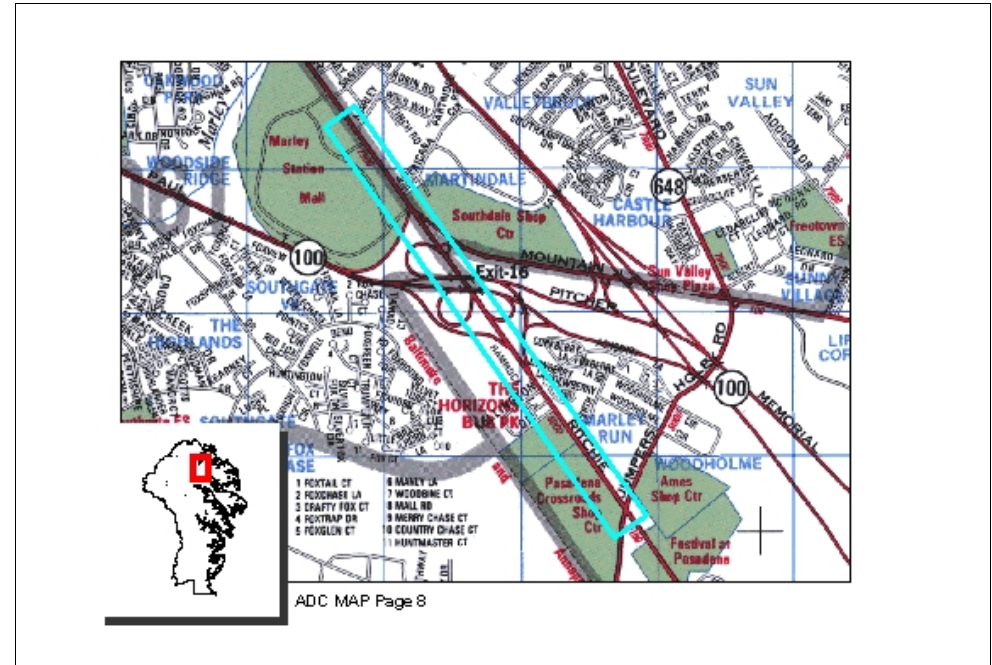
This project is to design and construct upgrade and capacity expansion of gravity and pressure sewers in the vicinity of Ritchie Highway between Marley Station Road and Jumpers Hole Road.

Benefit

System Upgrade

Amendment History

County Council removed \$1,425,000 via AMD #29 and added \$450k via AMD #73 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$280,000	Plans and Engineering	\$280,000	\$280,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$240,000	Land	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,221,000	Construction	\$8,246,000	\$9,221,000	(\$975,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$494,000	Overhead	\$494,000	\$494,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,235,000	Total	\$9,260,000	\$10,235,000	(\$975,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$975,000)	\$0	(\$975,000)	\$0	\$0	\$0	\$0	\$0	\$0

S783700 Marley-Jumpers Swr Rehab

Class: Wastewater

FY2016

Council Approved

Project Status

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

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 1997 \$3,150,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$9,315,576	\$679,586	\$9,995,162
April 1, 2015	\$9,244,979	\$11,663	\$9,256,642

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$10,235,000	WasteWater Bonds	\$8,810,000	\$10,235,000	(\$1,425,000)	\$0	\$0	\$0	\$0	\$0	\$0
	Miscellaneous	\$450,000	\$0	\$450,000	\$0	\$0	\$0	\$0	\$0	\$0
\$10,235,000	Total	\$9,260,000	\$10,235,000	(\$975,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$975,000)	\$0	(\$975,000)	\$0	\$0	\$0	\$0	\$0	\$0

S791800 Upgr/Retrofit SPS

Class: Wastewater

FY2016 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 under way to meet State laws.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,353,593	Plans and Engineering	\$1,030,438	(\$1,009,562)	\$340,000	\$340	\$340	\$340	\$340	\$340	
\$52,085,262	Construction	\$52,826,507	\$29,146,507	\$2,755,000	\$4,185	\$4,185	\$4,185	\$4,185	\$4,185	
\$3,058,619	Overhead	\$3,030,965	\$1,655,965	\$125,000	\$250	\$250	\$250	\$250	\$250	
\$56,497,474	Total	\$56,887,909	\$29,792,909	\$3,220,000	\$4,775	\$4,775	\$4,775	\$4,775	\$4,775	
More (Less) Than Prior Year Program:		\$390,435	(\$2,829,565)	(\$1,555,000)	\$0	\$0	\$0	\$0	\$4,775	Multi-Yr

S791800 Upgr/Retrofit SPS

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Multi-Year
2. Action Taken In Current Fiscal Year: Completed construction of pump, controls, valves, odor control, wetwell entry upgrades, etc. at multiple sewage pumping stations, continued design services for upcoming contracts.
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 FY21 Funding.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1999 \$13,266,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$12,411,062	\$3,052,875	\$15,463,937
April 1, 2015	\$11,545,377	\$9,958,438	\$21,503,815

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$22,484,578	WasteWater Bonds	\$37,229,578	\$14,709,578	\$3,420,000	\$3,820	\$3,820	\$3,820	\$3,820	\$3,820	
\$34,012,896	WasteWater PayGo	\$16,408,331	\$15,083,331	(\$3,450,000)	\$955	\$955	\$955	\$955	\$955	
	Bond Premium	\$3,250,000	\$0	\$3,250,000	\$0	\$0	\$0	\$0	\$0	
\$56,497,474	Total	\$56,887,909	\$29,792,909	\$3,220,000	\$4,775	\$4,775	\$4,775	\$4,775	\$4,775	
More (Less) Than Prior Year Program:		\$390,435	(\$2,829,565)	(\$1,555,000)	\$0	\$0	\$0	\$0	\$4,775	Multi-Yr

S792700 Fac Abandonment WW2

Class: Wastewater

FY2016 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: Muti-Year

Change from Prior Year

1. Change In Name Or Description: Project description amended to include abandonment of digesters at Broadneck WRF; filters and headworks at Patuxent WRF.
2. Change In Total Project Cost: Increase due to design and construction associated with Patuxent WRF filters and headworks abandonment in FY18.
3. Change In Scope: Added digesters at Broadneck WRF; Filters and Headworks at Patuxent WRF.
4. Change In Timing: Multi-Year

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1999 \$1,196,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$382,903	\$85,894	\$468,797
April 1, 2015	\$413,625	\$26,482	\$440,108

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
	General County Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,197,602	WasteWater PayGo	\$1,700,602	\$1,197,602	\$0	\$0	\$0	\$503	\$0	\$0	\$0	\$0
\$1,197,602	Total	\$1,700,602	\$1,197,602	\$0	\$0	\$0	\$503	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$503,000	\$0	\$0	\$0	\$0	\$503	\$0	\$0	\$0	\$0

S792900 Cayuga Farms PS & FM

Class: Wastewater

FY2016 Council Approved

Description

This project consists of a regional wastewater pumping station, force main and gravity interceptor that will eliminate the Quarterfield Pumping Station, New Cut Farms Pumping Station and interim Cayuga Farms Pumping Station. Modifications will also be made to the Ben Oaks Pumping Station.

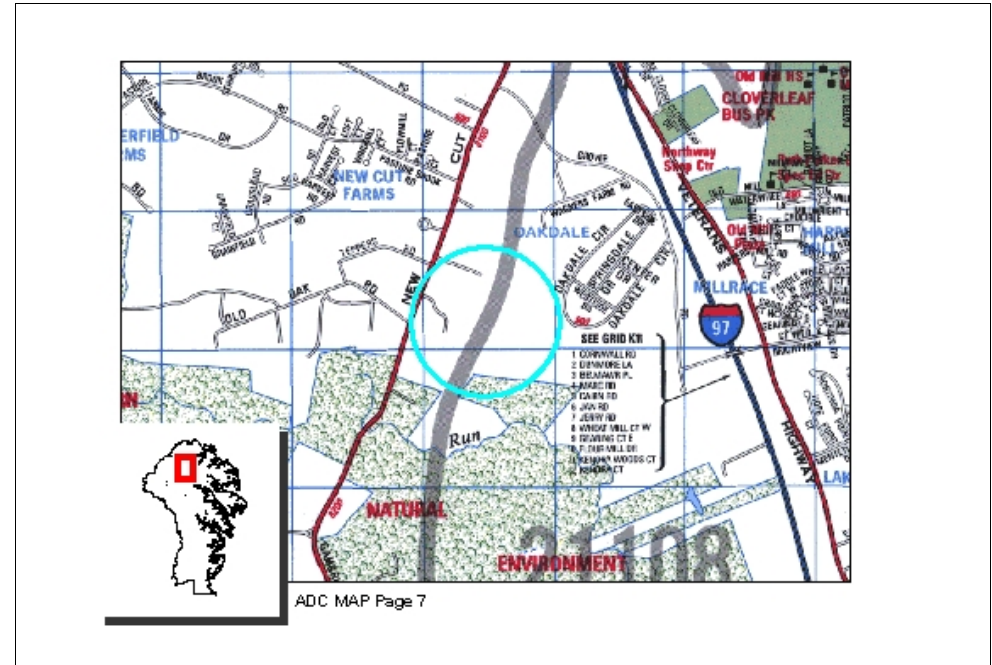
Project costs were increased in FY05 and FY08 due to plans to construct approximately 7,700 feet of interceptor sewer from Upton Rd. to Quarterfield Rd.

Benefit

Service expansion and increased efficiency.

Amendment History

Removed \$250,000 via AMD #41 to Bill 46-13. Removed \$2,829,000 via AMD #4 to Bill 23-14. County Council removed \$167k via AMD #31 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,201,000	Plans and Engineering	\$1,201,000	\$1,201,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$490,000	Land	\$490,000	\$490,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,572,000	Construction	\$10,405,000	\$10,572,000	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$809,000	Overhead	\$809,000	\$809,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,072,000	Total	\$12,905,000	\$13,072,000	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$167,000)	\$0	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0

S792900 Cayuga Farms PS & FM

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance for Phase II
3. Action Required To Complete This Project: Complete Phase II 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 1999 \$2,117,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$11,129,695	\$806,618	\$11,936,313
April 1, 2015	\$12,018,659	\$874,726	\$12,893,385

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$13,072,000	WasteWater Bonds	\$12,905,000	\$13,072,000	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Developer Contribution	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,072,000	Total	\$12,905,000	\$13,072,000	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$167,000)	\$0	(\$167,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2016 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.

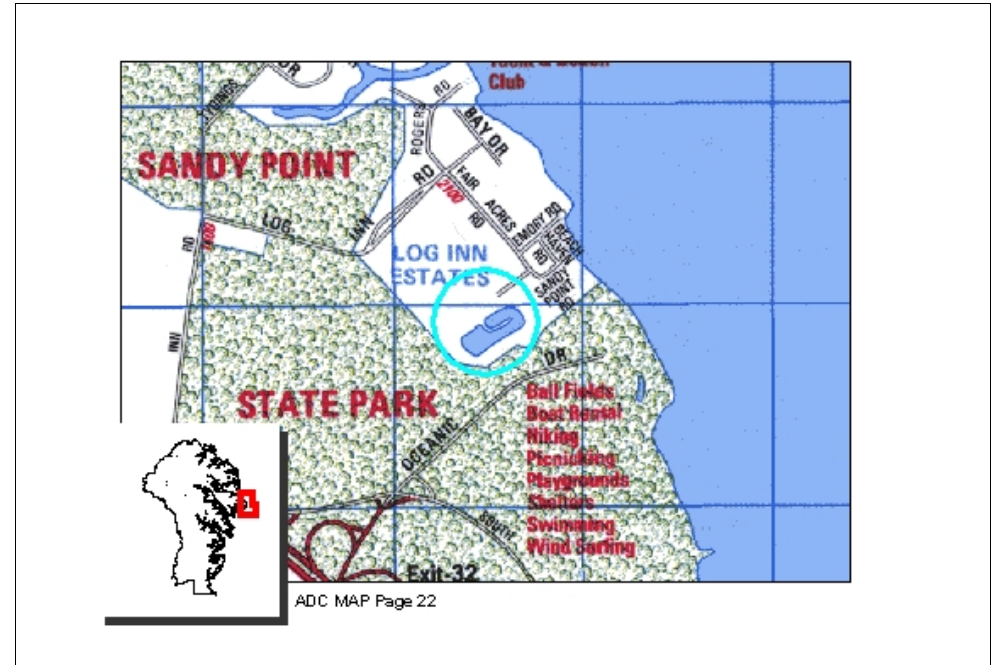
Project description amended in FY16 to upgrade the grit-removal system, to construct hydraulic improvements, and to relocate the influent flow-measuring device.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$646,000	Plans and Engineering	\$646,000	\$646,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$300,000	Land	\$300,000	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,816,000	Construction	\$16,146,000	\$10,816,000	\$0	\$5,330	\$0	\$0	\$0	\$0	\$0
\$624,000	Overhead	\$894,000	\$624,000	\$0	\$270	\$0	\$0	\$0	\$0	\$0
\$12,386,000	Total	\$17,986,000	\$12,386,000	\$0	\$5,600	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$5,600,000	\$0	\$0	\$5,600	\$0	\$0	\$0	\$0	\$0

S797900 Broadneck WRF Upgrd

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This project: Active
2. Action Taken In Current Fiscal Year: Construction of UV System; Performance of Influent Screens
3. Action Required To Complete This Project: Multi-year Project

Change from Prior Year

1. Change In Name Or Description: Project description amended in FY16 to upgrade the grit system, implement hydraulic improvements and relocate the influent flow meter relocation.
2. Change In Total Project Cost: Increase based on current estimate.
3. Change In Scope: Upgrade Grit System, Implement Hydraulic Improvements and Relocate Influent Flow Meter.
4. Change In Timing: Multi-year Project

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, 2014	\$8,572,865	\$181,721	\$8,754,586
April 1, 2015	\$8,607,908	\$161,857	\$8,769,764

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$12,386,000	WasteWater Bonds	\$17,986,000	\$12,386,000	\$0	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0
	Other State Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,386,000	Total	\$17,986,000	\$12,386,000	\$0	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$5,600,000	\$0	\$0	\$5,600	\$0	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2016 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 Area
- Phase II - Southern Region except Mayo Area
- Phase III - North Region
- Phase IV - Emergency Dispatch Equipment & Software Upgrade

Project 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.

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.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$0	Plans and Engineering	\$372,000	\$0	\$372,000	\$0	\$0	\$0	\$0	\$0	\$0
\$4,067,000	Construction	\$5,555,000	\$4,067,000	\$1,488,000	\$0	\$0	\$0	\$0	\$0	\$0
\$263,000	Overhead	\$298,000	\$263,000	\$35,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,330,000	Total	\$6,225,000	\$4,330,000	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,895,000	\$0	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$0

S798100 Wastewater Scada Upg

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of Dispatch Area.
3. Action Required To Complete This Project: Construction and Performance of Dispatch Area. Design, Construction, and Performance of Switchgear Alarms.

Change from Prior Year

1. Change In Name Or Description: Project description amended in FY16 to include remote alarming of medium- and high-voltage switchgear at water and wastewater facilities.
2. Change In Total Project: Increase based on current construction estimate of Dispatch Area and addition of remote alarming of switchgear at water and wastewater facilities.
3. Change In Scope: Added design and construction of remote switchgear alarming at water and wastewater facilities.
4. Change In Timing: None.

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2001 \$3,573,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$2,062,138	\$499,967	\$2,562,105
April 1, 2015	\$2,103,456	\$463,479	\$2,566,936

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,330,000	WasteWater Bonds	\$6,225,000	\$4,330,000	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	WasteWater PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,330,000	Total	\$6,225,000	\$4,330,000	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,895,000	\$0	\$1,895,000	\$0	\$0	\$0	\$0	\$0	\$0

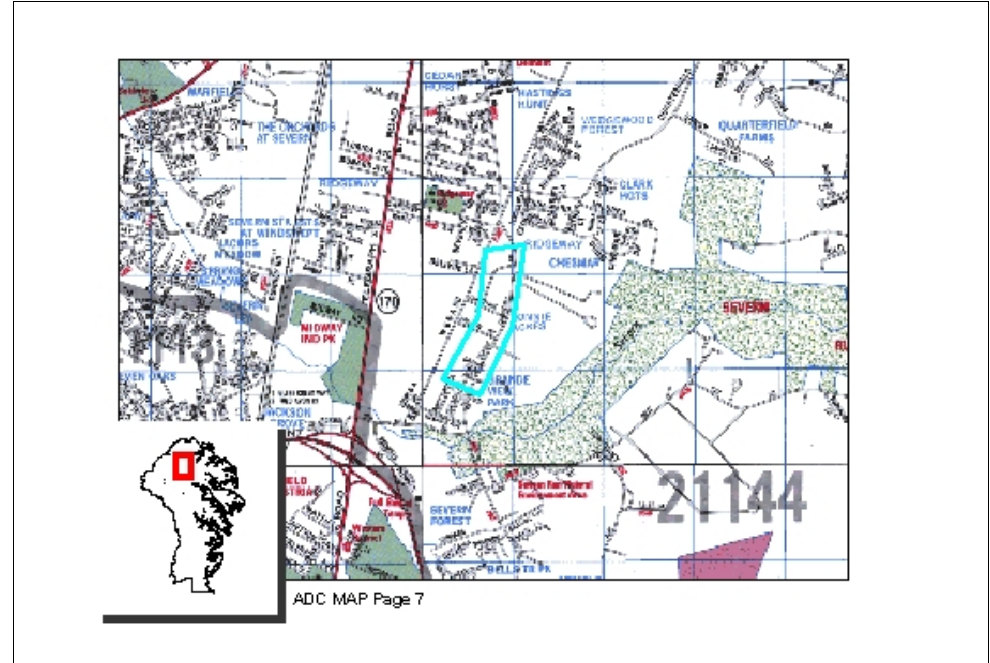
S799000 Ridgeview SPS & FM

Class: Wastewater

FY2016 Council Approved

Description

The project includes construction of a drywell/wetwell sewage pumping station, approximately 2800 linear feet of 16" forcemain and 5800 linear feet of gravity interceptor.



Benefit

Expansion to meet planned development.

Amendment History

County Council removed \$15k via AMD #32 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$566,000	Plans and Engineering	\$566,000	\$566,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$200,000	Land	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,865,000	Construction	\$7,865,000	\$7,865,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$470,000	Overhead	\$455,000	\$470,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$9,101,000	Total	\$9,086,000	\$9,101,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$15,000)	\$0	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0

S799000 Ridgeview SPS & FM

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Right-of-Way Acquisition and Performance
3. Action Required To Complete This Project: Right-of-Wat Acquisition and 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 2003 \$4,472,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$7,567,330	\$474,561
April 1, 2015	\$8,088,006	\$13,251
		\$8,101,257

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$9,101,000	WasteWater Bonds	\$9,086,000	\$9,101,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$9,101,000	Total	\$9,086,000	\$9,101,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$15,000)	\$0	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0

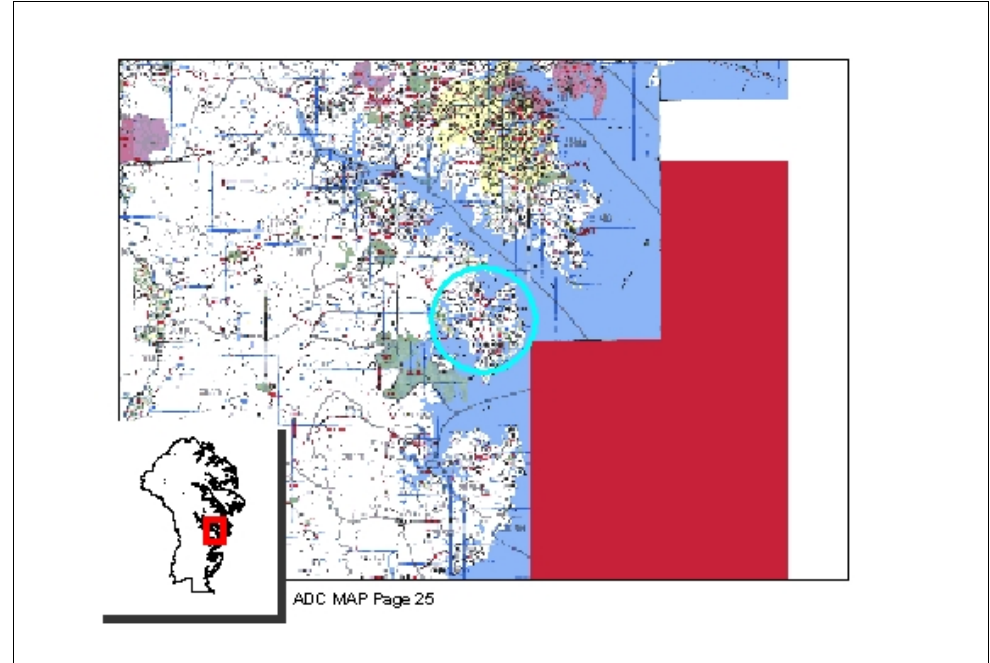
S799200 Mayo Collection Sys Upgrade

Class: Wastewater

FY2016 Council Approved

Description

This project is for the expansion of the Mayo Wastewater Collection and Conveyance System.



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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$741,875	Plans and Engineering	\$792,875	\$486,875	\$51,000	\$51	\$51	\$51	\$51	\$51	\$0
\$17,000	Land	\$18,000	\$12,000	\$1,000	\$1	\$1	\$1	\$1	\$1	\$0
\$9,115,806	Construction	\$9,340,806	\$7,015,806	\$225,000	\$420	\$420	\$420	\$420	\$420	\$0
\$560,712	Overhead	\$588,712	\$420,712	\$28,000	\$28	\$28	\$28	\$28	\$28	\$0
\$10,435,393	Total	\$10,740,393	\$7,935,393	\$305,000	\$500	\$500	\$500	\$500	\$500	\$0
More (Less) Than Prior Year Program:		\$305,000	\$0	(\$195,000)	\$0	\$0	\$0	\$0	\$500	\$0

S800100 Riva Road Force Main

Class: Wastewater

FY2016 Council Approved

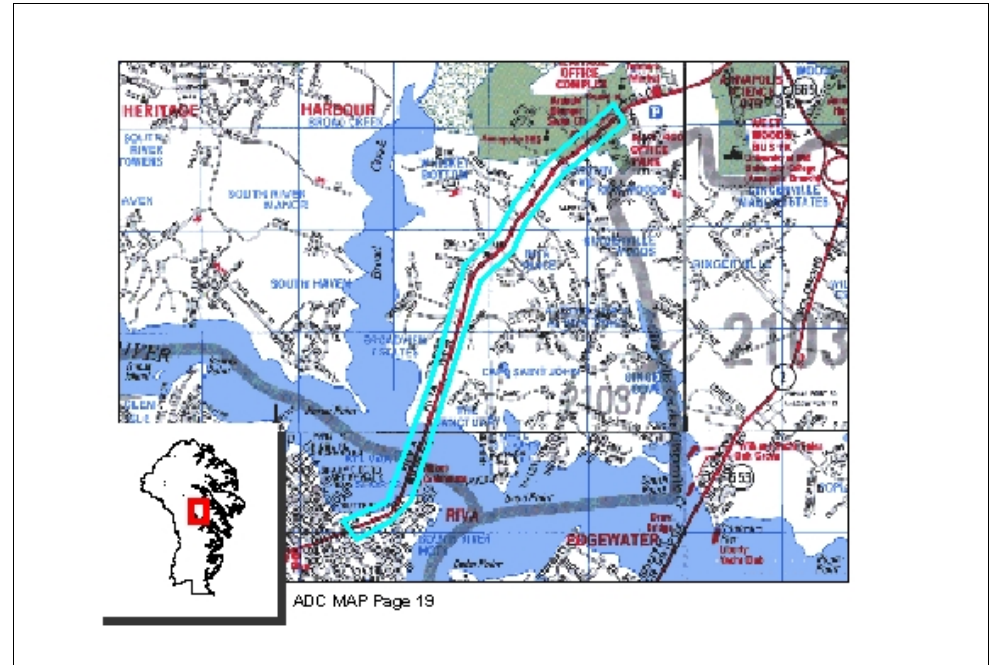
Description

Replacement/upgrade and installation of approximately 7,000 linear feet of force main along Riva and Cape St. John Roads. The project limits are located on the northside of the South River Bridge and extend North of Speicher Drive; and along Cape St. John Road from Cape St. John SPS No. 1 to Riva Road. Project also includes rehabilitation of existing air release structures to remain. The project includes design, right of way acquisition and construction.

Benefit

Project will upgrade capacity of the forcemain from the Sylvan Shores Sewage Pumping Station to accommodate anticipated increased sewage flows/demands and maintain required capacity of Cape St. John SPS No. 1.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$233,000	Plans and Engineering	\$233,000	\$233,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,000	Land	\$13,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,741,000	Construction	\$2,715,000	\$2,741,000	(\$26,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$178,000	Overhead	\$177,000	\$178,000	(\$1,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,165,000	Total	\$3,138,000	\$3,165,000	(\$27,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$27,000)	\$0	(\$27,000)	\$0	\$0	\$0	\$0	\$0	\$0

S800100 Riva Road Force Main

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Project Complete
2. Action Taken In Current FY: Performance of Pavement Sensor
3. Action Required To Complete This Project: Performance of Pavement Sensor

Change from Prior Year

1. Change in Name Or Description: None
2. Change in Total Project Cost: Deappropriation Based on Actual Cost
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2004 \$1,701,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$3,122,526	\$18,796	\$3,141,321
April 1, 2015	\$3,131,560	\$0	\$3,131,560

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,165,000	WasteWater Bonds	\$3,138,000	\$3,165,000	(\$27,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,165,000	Total	\$3,138,000	\$3,165,000	(\$27,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$27,000)	\$0	(\$27,000)	\$0	\$0	\$0	\$0	\$0	\$0

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2016 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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$2,413,334	Plans and Engineering	\$2,547,334	\$1,413,334	\$134,000	\$200	\$200	\$200	\$200	\$200	
\$7,922,129	Construction	\$7,877,228	\$3,377,228	\$750,000	\$750	\$750	\$750	\$750	\$750	
\$562,161	Overhead	\$549,115	\$263,115	\$36,000	\$50	\$50	\$50	\$50	\$50	
\$10,897,624	Total	\$10,973,678	\$5,053,678	\$920,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
More (Less) Than Prior Year Program:		\$76,054	(\$843,946)	(\$80,000)	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S802300 WRF Infrastr Up/Retro

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Initiated Annapolis WRF ethernet upgrade, Conducted Broadneck WRF hydraulic study, Design Annapolis UV upgrade, Completed Millersville Lab upgrade, Replaced Broadwater WRF gates, Replaced Cox Creek Slide Gates.
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 FY21 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, 2014	\$2,720,813	\$185,309
April 1, 2015	\$1,873,651	\$280,148
		\$2,906,122
		\$2,153,799

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,263,777	WasteWater Bonds	\$4,943,777	\$863,777	\$920,000	\$632	\$632	\$632	\$632	\$632	
\$9,633,846	WasteWater PayGo	\$3,729,901	\$4,189,901	(\$2,300,000)	\$368	\$368	\$368	\$368	\$368	
	Bond Premium	\$2,300,000	\$0	\$2,300,000	\$0	\$0	\$0	\$0	\$0	
\$10,897,624	Total	\$10,973,678	\$5,053,678	\$920,000	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	
	More (Less) Than Prior Year Program:	\$76,054	(\$843,946)	(\$80,000)	\$0	\$0	\$0	\$0	\$1,000	Multi-Yr

S802500 Grease/Grit Facility

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$775,000	Plans and Engineering	\$775,000	\$775,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,508,000	Land	\$2,508,000	\$2,508,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,627,000	Construction	\$2,627,000	\$599,000	\$0	\$2,028	\$0	\$0	\$0	\$0	\$0
\$413,000	Overhead	\$288,000	\$271,000	(\$85,000)	\$102	\$0	\$0	\$0	\$0	\$0
\$6,323,000	Total	\$6,198,000	\$4,153,000	(\$85,000)	\$2,130	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$125,000)	\$0	(\$2,255,000)	\$2,130	\$0	\$0	\$0	\$0	\$0

S802500 Grease/Grit Facility

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Design and Right of Way Acquisition
3. Action Required To Complete This Project: Design, Construction and 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: Deferred Construction to FY17

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$392,000

Financial Activity

April 1, 2014

Expended \$249,926 Encumbered \$25,390 Total \$275,316

April 1, 2015

Expended \$2,941,304 Encumbered \$25,390 Total \$2,966,694

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	FY2017	Capital Program (\$000)					Beyond 6 Years
						FY2018	FY2019	FY2020	FY2021		
\$6,323,000	WasteWater Bonds	\$6,198,000	\$4,153,000	(\$85,000)	\$2,130	\$0	\$0	\$0	\$0	\$0	
\$6,323,000	Total	\$6,198,000	\$4,153,000	(\$85,000)	\$2,130	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		(\$125,000)	\$0	(\$2,255,000)	\$2,130	\$0	\$0	\$0	\$0	\$0	

S802700 WRF Effluent Wells

Class: Wastewater

FY2016 Council Approved

Description

Funds are requested for the design and construction of effluent stilling wells at the Broadneck WRF, Broadwater WRF and Maryland City WRF. The wells are required to allow calibration of flow meters.

Location

Countywide

Benefit

The project is needed to meet regulatory reporting requirements.

Amendment History

County Council removed \$50k via AMD #35 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$40,000	Plans and Engineering	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$201,300	Construction	\$151,300	\$201,300	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$10,700	Overhead	\$10,700	\$10,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$252,000	Total	\$202,000	\$252,000	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$50,000)	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0

S802700 WRF Effluent Wells

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Deappropriation 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 2010 \$302,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$195,924	\$49,012	\$244,936
April 1, 2015	\$200,219	\$44,659	\$244,878

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$252,000	WasteWater Bonds	\$202,000	\$252,000	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$252,000	Total	\$202,000	\$252,000	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$50,000)	\$0	(\$50,000)	\$0	\$0	\$0	\$0	\$0	\$0

S802900 Annapolis WRF ENR

Class: Wastewater

FY2016

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).

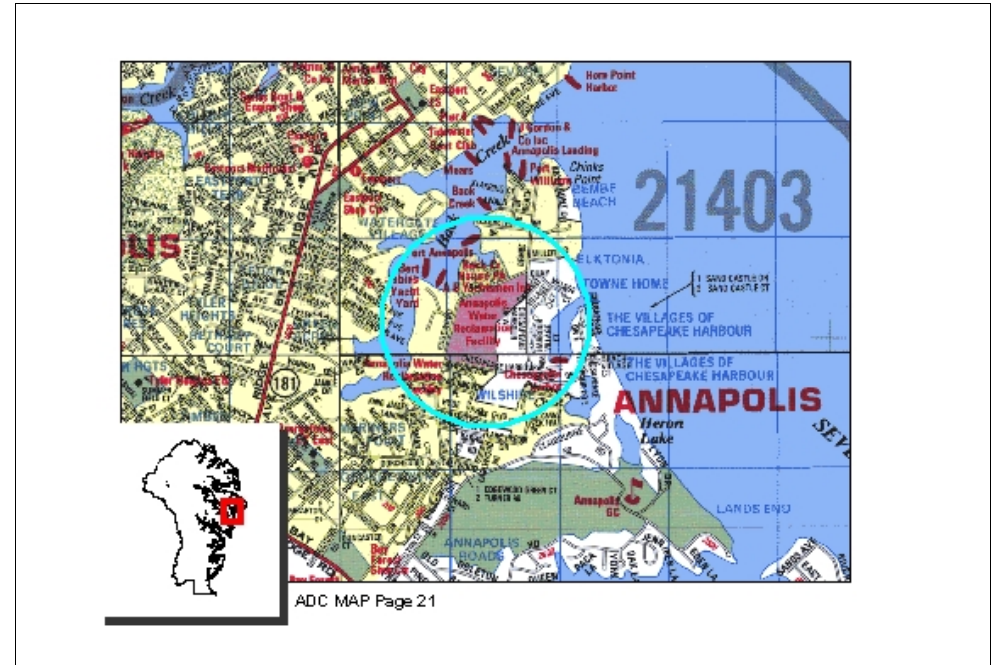
The construction of this project is funded over 2 years.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,385,000	Plans and Engineering	\$1,450,000	\$1,385,000	\$65,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$17,024,945	Construction	\$17,584,945	\$17,024,945	\$560,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,559,000	Overhead	\$1,584,000	\$1,559,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0
\$19,974,945	Total	\$20,624,945	\$19,974,945	\$650,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$650,000	\$0	\$650,000	\$0	\$0	\$0	\$0	\$0	\$0

S802900 Annapolis WRF ENR

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status of this Project: Active
2. Action Taken in Current FY: 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: Cost increase on 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 2010 \$21,142,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$17,502,959	\$870,344	\$18,373,304
April 1, 2015	\$19,293,587	\$600,890	\$19,894,477

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$6,015,000	WasteWater Bonds	\$5,924,945	\$6,015,000	(\$90,055)	\$0	\$0	\$0	\$0	\$0	\$0
\$13,959,945	Other State Grants	\$14,700,000	\$13,959,945	\$740,055	\$0	\$0	\$0	\$0	\$0	\$0
\$19,974,945	Total	\$20,624,945	\$19,974,945	\$650,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$650,000	\$0	\$650,000	\$0	\$0	\$0	\$0	\$0	\$0

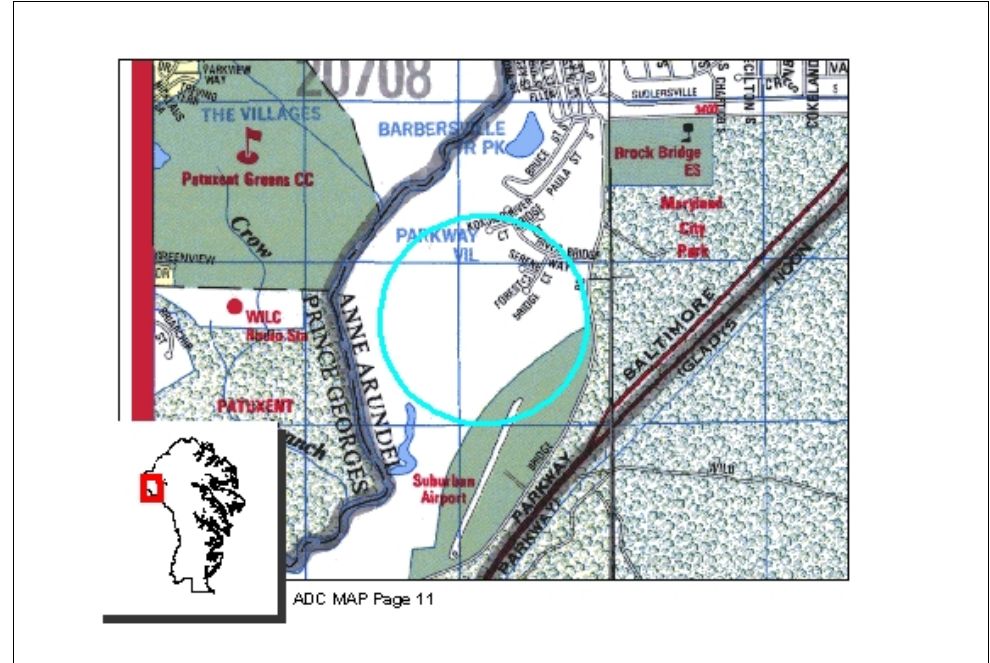
S803000 Maryland City WRF ENR

Class: Wastewater

FY2016 Council Approved

Description

Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Maryland City 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 \$1,700,000 via AMD #36 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$755,000	Plans and Engineering	\$755,000	\$755,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,943,000	Construction	\$8,243,000	\$9,943,000	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$532,000	Overhead	\$532,000	\$532,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,236,000	Total	\$9,536,000	\$11,236,000	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$1,700,000)	\$0	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0

S803000 Maryland City WRF ENR

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status of this Project: Active
2. Action Taken in Current FY: Performance
3. Action Required To Complete This Project: Performance

Change from Prior Year

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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$2,505,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$7,676,826	\$512,128	\$8,188,954
April 1, 2015	\$8,885,652	\$481,916	\$9,367,569

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$7,763,000	WasteWater Bonds	\$6,063,000	\$7,763,000	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,473,000	Other State Grants	\$3,473,000	\$3,473,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,236,000	Total	\$9,536,000	\$11,236,000	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$1,700,000)	\$0	(\$1,700,000)	\$0	\$0	\$0	\$0	\$0	\$0

S803200 Mayo WRF ENR

Class: Wastewater

FY2016 Council Approved

Description

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

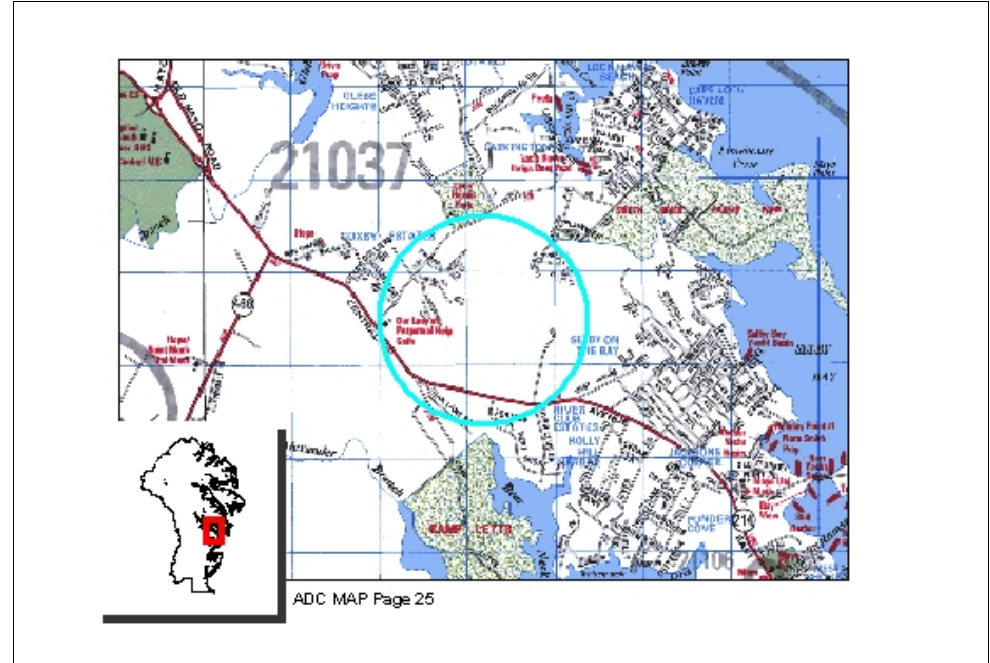
Based on negotiations with MDE that concluded in FY14, the Mayo WRF will be decommissioned and flows from both Mayo large communal and Glebe Heights will be pumped to the Annapolis WRF for treatment at ENR levels. Design and construction of these facilities will be completed as part of S769700 Mayo WRF Expansion.

This project can be deleted.

Benefit

To meet regulatory compliance requirements and environmental protection.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$8,250	Plans and Engineering	\$0	\$8,250	(\$8,250)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$750	Overhead	\$0	\$750	(\$750)	\$0	\$0	\$0	\$0	\$0	\$0
\$9,000	Total	\$0	\$9,000	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$9,000)	\$0	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0

S803200 Mayo WRF ENR

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status of this Project: Inactive
2. Action Taken in Current FY: None
3. Action Required To Complete This Project: This Project Is Being Deleted. ENR Treatment Will Occur At The Annapolis WRF. Conveyance System Improvements Will Be Designed And Constructed Under S769700.

Change from Prior Year

1. Change in Name or Description: None.
2. Change in Total Project Cost: Deappropriate \$9,000.
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$3,672,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$4,103	\$0	\$4,103
April 1, 2015	\$3,966	\$0	\$3,966

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$9,000	WasteWater Bonds	\$0	\$9,000	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Other State Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,000	Total	\$0	\$9,000	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$9,000)	\$0	(\$9,000)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

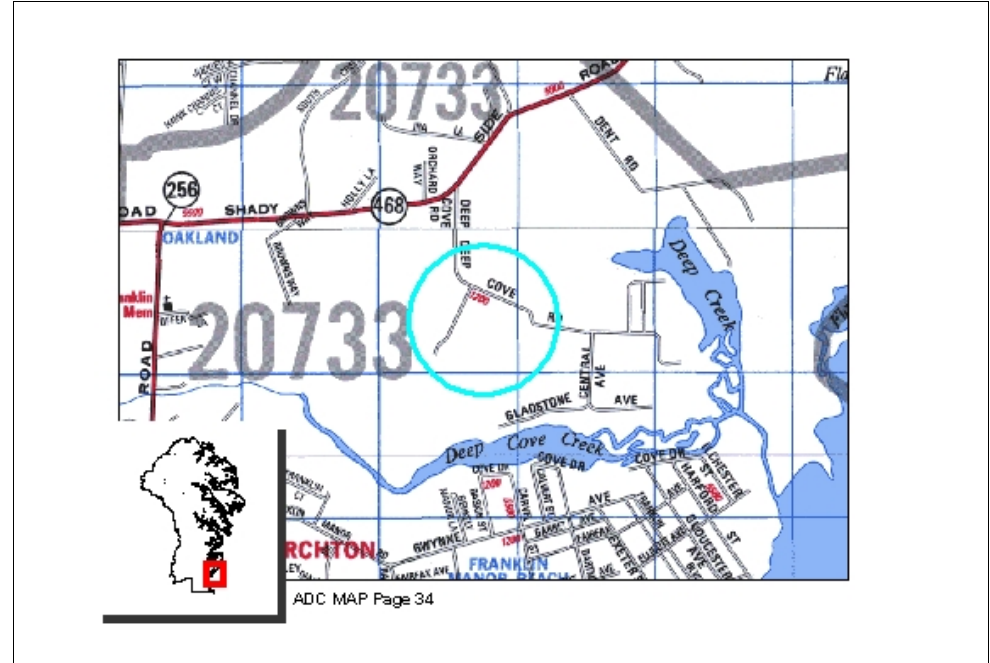
S803700 Broadwater WRF ENR

Class: Wastewater

FY2016 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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,927,000	Plans and Engineering	\$1,997,000	\$1,927,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$2,000	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0
\$12,939,950	Construction	\$13,521,950	\$12,939,950	\$582,000	\$0	\$0	\$0	\$0	\$0	\$0
\$924,000	Overhead	\$1,139,000	\$924,000	\$215,000	\$0	\$0	\$0	\$0	\$0	\$0
\$15,791,950	Total	\$16,659,950	\$15,791,950	\$868,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$868,000	\$0	\$868,000	\$0	\$0	\$0	\$0	\$0	\$0

S803700 Broadwater WRF ENR

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status of this Project: Active
2. Action Taken in Current FY: Performance Phase 1 and Construction Phase 2
3. Action Required To Complete This Project: Construction and Performance Phase 2

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Added to project for ENR Phase 2
3. Change in Scope: Added Improvements to Process Control System, Electrical System, and to Facility Road System
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	
April 1, 2014	\$9,127,740	\$1,186,912	\$10,314,652
April 1, 2015	\$10,048,872	\$734,434	\$10,783,306

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$9,635,000	WasteWater Bonds	\$10,610,000	\$9,635,000	\$975,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,156,950	Other State Grants	\$6,049,950	\$6,156,950	(\$107,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$15,791,950	Total	\$16,659,950	\$15,791,950	\$868,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$868,000	\$0	\$868,000	\$0	\$0	\$0	\$0	\$0	\$0

S803800 Sylvan Shores WW Collect Sys

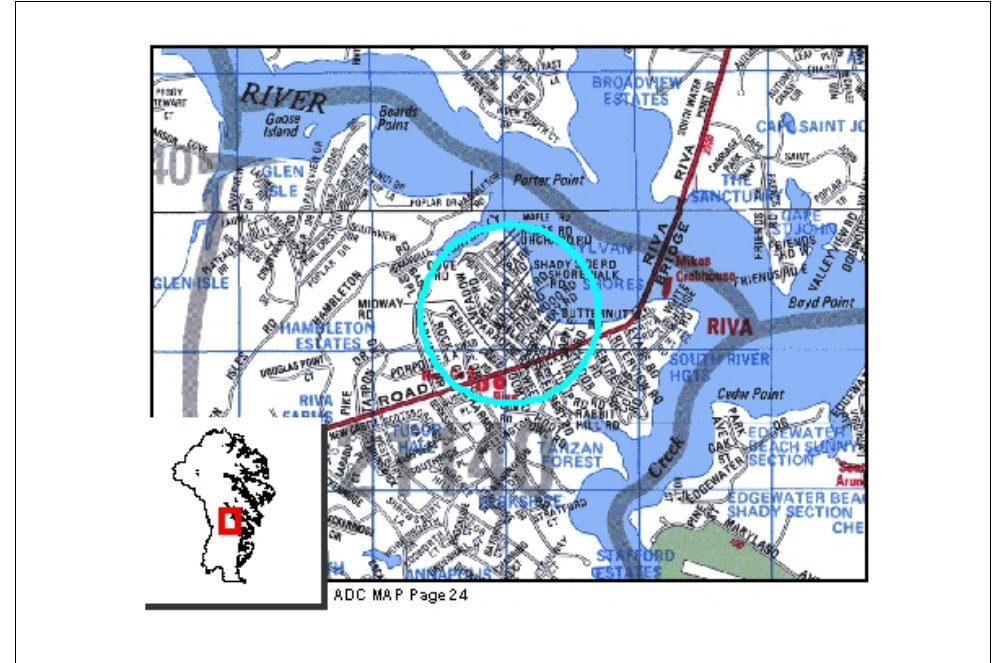
Class: Wastewater

FY2016

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. County Council removed \$175k via AMD #148 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$335,000	Plans and Engineering	\$335,000	\$335,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$50,000	Land	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,226,000	Construction	\$3,151,000	\$3,226,000	(\$75,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$241,000	Overhead	\$241,000	\$241,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,852,000	Total	\$3,777,000	\$3,852,000	(\$75,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$75,000)	\$0	(\$75,000)	\$0	\$0	\$0	\$0	\$0	\$0

S803800 Sylvan Shores WW Collect Sys

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conditional Acceptance
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: 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 2010 \$5,052,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$2,473,565	\$300,357	\$2,773,922
April 1, 2015	\$3,117,539	\$424,202	\$3,541,742

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,352,000	WasteWater Bonds	\$3,129,000	\$3,352,000	(\$223,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$500,000	Other State Grants	\$648,000	\$500,000	\$148,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,852,000	Total	\$3,777,000	\$3,852,000	(\$75,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$75,000)	\$0	(\$75,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804000 Sylvan Shores PS Upg

Class: Wastewater

FY2016 Council Approved

Description

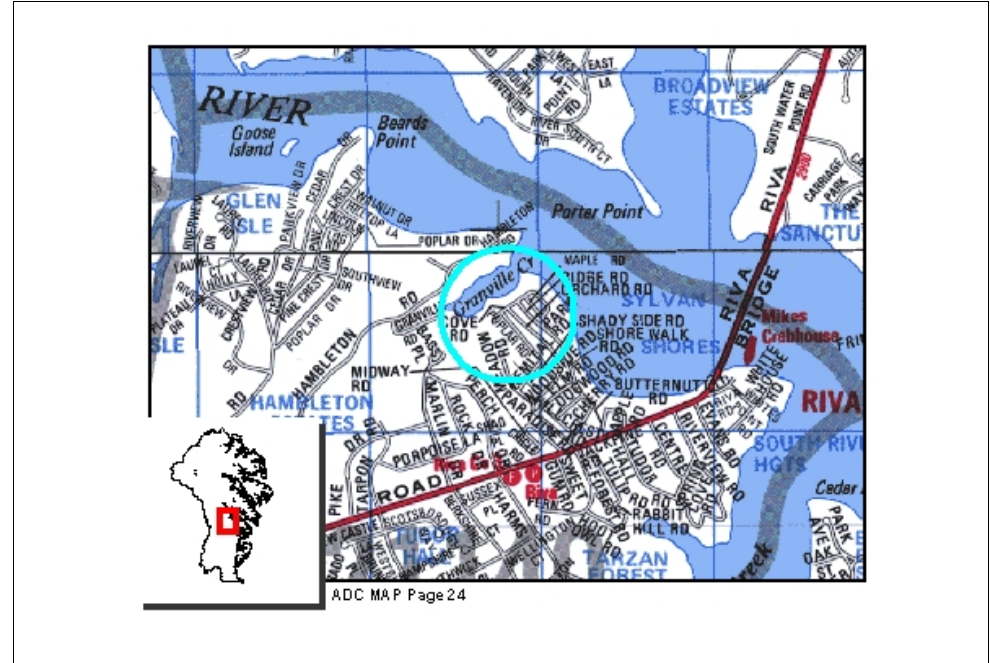
Funds are requested for the design, right of way acquisition and construction of improvements to the Sylvan Shore Sewage Pumping Station.

Benefit

The project will improve the reliability and efficiency of the existing Sylvan Shores Sewage Pumping Station.

Amendment History

Removed \$407,000 via AMD #16 to Bill 23-14. County Council removed \$250k via AMD #37 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$585,000	Plans and Engineering	\$585,000	\$585,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,344,000	Construction	\$3,094,000	\$3,344,000	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$215,000	Overhead	\$215,000	\$215,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,149,000	Total	\$3,899,000	\$4,149,000	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$250,000)	\$0	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804000 Sylvan Shores PS Upg

Class: Wastewater

FY2016

Council Approved

Project Status

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

Change from Prior Year

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

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$4,556,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$3,433,114	\$423,868	\$3,856,982
April 1, 2015	\$3,712,369	\$80,873	\$3,793,243

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,149,000	WasteWater Bonds	\$3,899,000	\$4,149,000	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Other State Grants	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,149,000	Total	\$3,899,000	\$4,149,000	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$250,000)	\$0	(\$250,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804100 Patuxent WRF ENR

Class: Wastewater

FY2016 Council Approved

Description

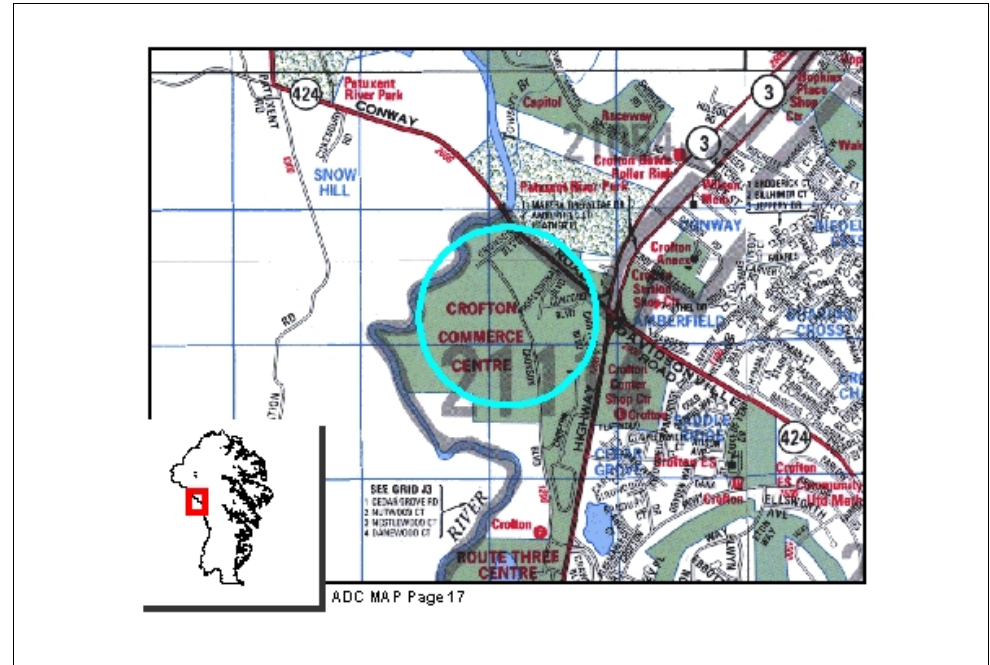
Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Patuxent WRF to meet Maryland Department of the Environment guidelines (3.0 mg/l TN and 0.3 mg/l TP).

Benefit

To meet regulatory compliance requirements and environmental protection.

Amendment History

Removed \$1,000,000 via AMD #43 to Bill 46-13. County Council removed \$100k via AMD #38 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,351,000	Plans and Engineering	\$1,351,000	\$1,351,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,680,000	Construction	\$11,680,000	\$11,680,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$863,000	Overhead	\$763,000	\$863,000	(\$100,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$13,900,000	Total	\$13,800,000	\$13,900,000	(\$100,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$100,000)	\$0	(\$100,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804100 Patuxent WRF ENR

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conditional Acceptance
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 \$5,379,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$12,345,643	\$292,367	\$12,638,010
April 1, 2015	\$12,997,174	\$144,158	\$13,141,333

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$10,687,000	WasteWater Bonds	\$10,087,000	\$10,687,000	(\$600,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,213,000	Other State Grants	\$3,713,000	\$3,213,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
\$13,900,000	Total	\$13,800,000	\$13,900,000	(\$100,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$100,000)	\$0	(\$100,000)	\$0	\$0	\$0	\$0	\$0	\$0

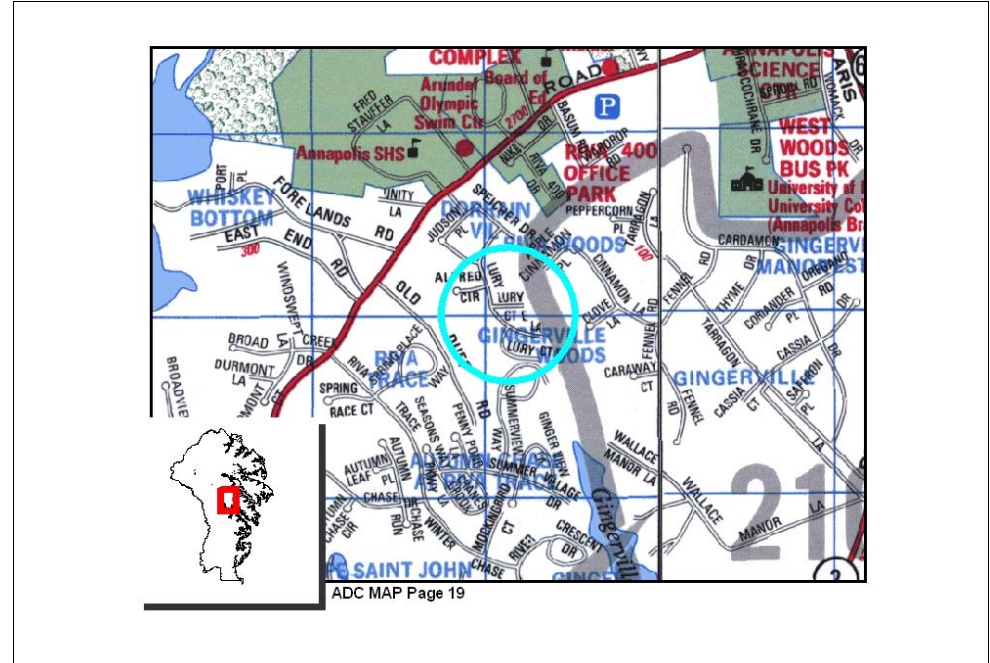
S804200 Riva Woods PS Upg

Class: Wastewater

FY2016 Council Approved

Description

Funds are requested for the design, right of way acquisition and construction of improvements to the Riva Woods Sewage Pumping Station.



Benefit

This project will provide increased capacity and operational reliability for the existing sewage pumping station.

Amendment History

Removed \$34,000 via AMD #13 to Bill 23-14.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$134,000	Plans and Engineering	\$182,000	\$134,000	\$48,000	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$0	\$5,000	(\$5,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$992,500	Construction	\$930,500	\$992,500	(\$62,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$68,000	Overhead	\$68,000	\$68,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,199,500	Total	\$1,180,500	\$1,199,500	(\$19,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$19,000)	\$0	(\$19,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804200 Riva Woods PS Upg

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: De-appropriation of Remaining Funds
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$925,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$1,045,259	\$145,464	\$1,190,723
April 1, 2015	\$1,177,722	\$0	\$1,177,722

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,199,500	WasteWater Bonds	\$1,180,500	\$1,199,500	(\$19,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,199,500	Total	\$1,180,500	\$1,199,500	(\$19,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$19,000)	\$0	(\$19,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804300 Jennifer Road PS Upg

Class: Wastewater

FY2016 Council Approved

Description

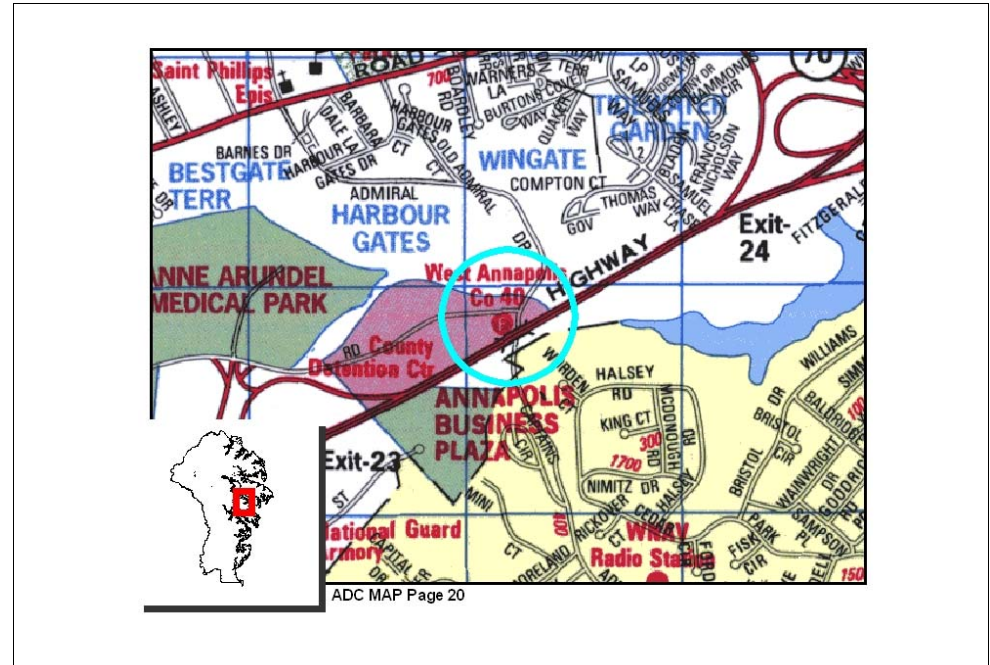
Funds are requested for the design, right of way acquisition and construction of increased capacity for the Jennifer Road Sewage Pumping Station service area. Project may incorporate either the expansion of the existing pumping station or construction of a new station. The project also includes replacement 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

Removed \$500K via AMD #44 to Bill 46-13. County Council removed \$135k via AMD #39 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,378,000	Plans and Engineering	\$1,378,000	\$1,378,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$200,000	Land	\$200,000	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,994,000	Construction	\$7,994,000	\$7,994,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$703,000	Overhead	\$568,000	\$703,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$10,275,000	Total	\$10,140,000	\$10,275,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$135,000)	\$0	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804300 Jennifer Road PS Upg

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Performance of Force Main; Conditional Acceptance of Pumping Station
3. Action Required To Complete This Project: Construction and Performance of Pumping Station

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 \$1,710,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$3,460,997	\$3,984,223	\$7,445,220
April 1, 2015	\$5,779,807	\$2,166,739	\$7,946,546

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$10,275,000	WasteWater Bonds	\$10,140,000	\$10,275,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$10,275,000	Total	\$10,140,000	\$10,275,000	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$135,000)	\$0	(\$135,000)	\$0	\$0	\$0	\$0	\$0	\$0

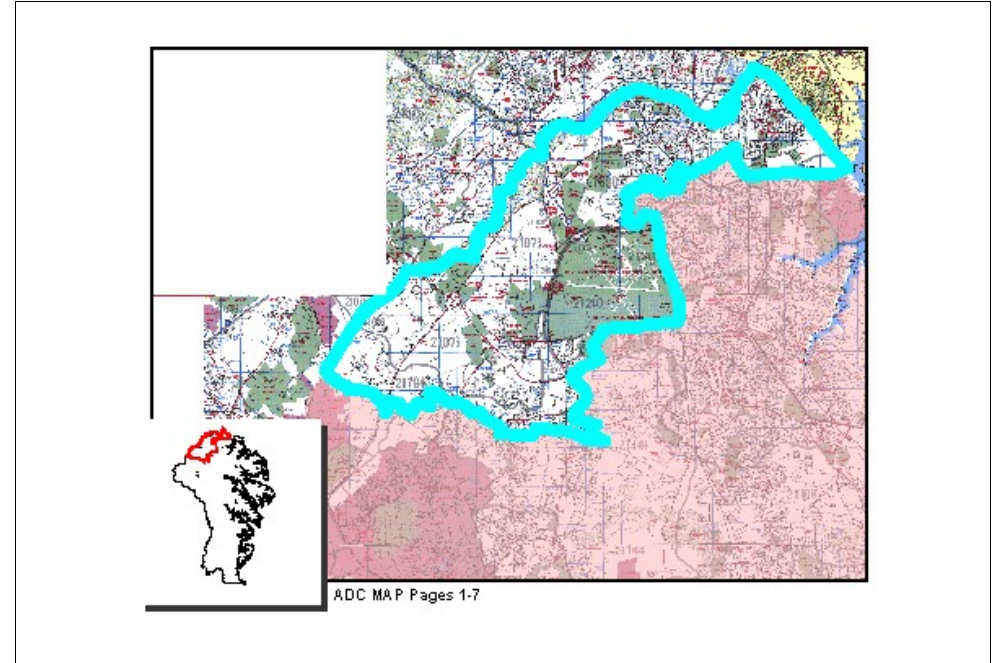
S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2016 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).



Benefit

Compliance with interjurisdictional agreement(s).

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,235,000	Other	\$3,635,000	\$1,235,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,235,000	Total	\$3,635,000	\$1,235,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$2,400,000	\$0	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0

S804400 Balto City Sewer Agrmnt

Class: Wastewater

FY2016

Council Approved

Project Status

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

Change from Prior Year

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

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$735,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$709,606	\$514,084	\$1,223,690
April 1, 2015	\$709,606	\$514,084	\$1,223,690

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$530,000	WasteWater Bonds	\$530,000	\$530,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$705,000	WasteWater PayGo	\$3,105,000	\$705,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,235,000	Total	\$3,635,000	\$1,235,000	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$2,400,000	\$0	\$2,400,000	\$0	\$0	\$0	\$0	\$0	\$0

S804500 Pasadena ES Sewer

Class: Wastewater

FY2016 Council Approved

Description

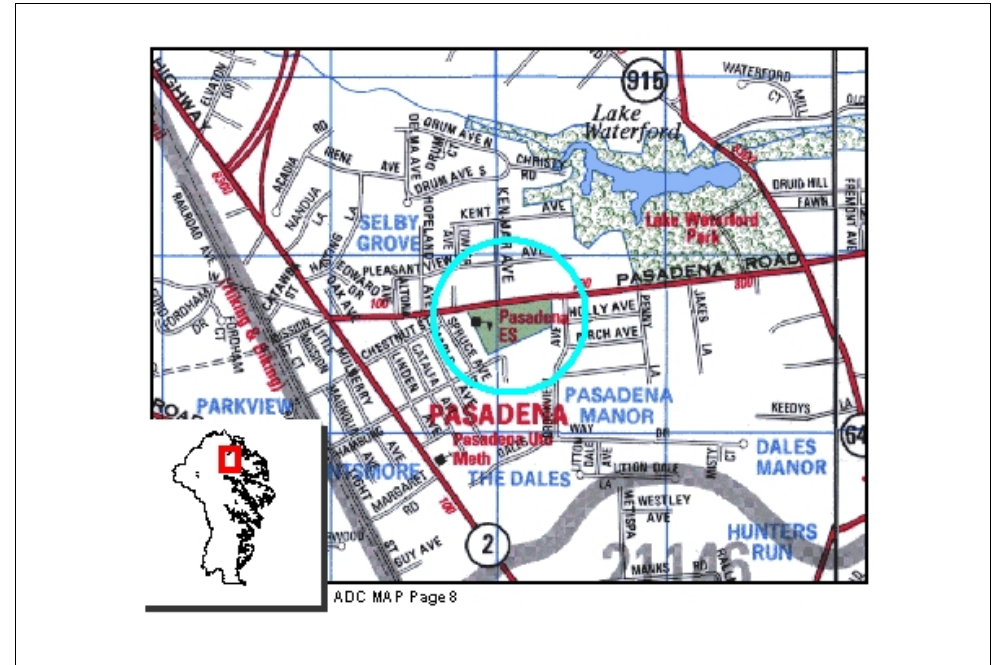
This project is for the design, right of way acquisition and construction of a sewage pumping station and force main to serve the Pasadena Elementary School and a portion of the adjacent drainage area.

Benefit

Service expansion and increased efficiency.

Amendment History

Removed \$98,000 via AMD #1 to Bill 23-14.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$254,000	Plans and Engineering	\$207,000	\$254,000	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,361,000	Construction	\$1,361,000	\$1,361,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$113,000	Overhead	\$113,000	\$113,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,729,000	Total	\$1,682,000	\$1,729,000	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$47,000)	\$0	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804500 Pasadena ES Sewer

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Deappropriation Based on Actual Costs
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 2010 \$2,455,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$1,679,254	\$39,377	\$1,718,631
April 1, 2015	\$1,681,630	\$0	\$1,681,630

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,197,000	WasteWater Bonds	\$1,150,000	\$1,197,000	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$532,000	Other Funding Sources	\$532,000	\$532,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,729,000	Total	\$1,682,000	\$1,729,000	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$47,000)	\$0	(\$47,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804600 WW System Security

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$339,000	Plans and Engineering	\$821,000	\$580,000	\$0	\$241	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,540,000	Construction	\$2,540,000	\$1,448,000	\$0	\$1,092	\$0	\$0	\$0	\$0	\$0
\$200,000	Overhead	\$200,000	\$122,000	\$0	\$78	\$0	\$0	\$0	\$0	\$0
\$3,089,000	Total	\$3,571,000	\$2,160,000	\$0	\$1,411	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$482,000	\$0	(\$929,000)	\$1,411	\$0	\$0	\$0	\$0	\$0

S804600 WW System Security

Class: Wastewater

FY2016 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 and Performance

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Cost Increase Based on Current Estimate
3. Change in Scope: None
4. Change in Timing: Deferred FY16 Funding Based On Current Schedule

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, 2014	\$63,598	\$365,133
April 1, 2015	\$63,580	\$365,133

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$0	WasteWater Bonds	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,089,000	WasteWater PayGo	\$3,571,000	\$2,160,000	\$0	\$1,411	\$0	\$0	\$0	\$0	\$0	\$0
\$3,089,000	Total	\$3,571,000	\$2,160,000	\$0	\$1,411	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$482,000	\$0	(\$929,000)	\$1,411	\$0	\$0	\$0	\$0	\$0	\$0

S804900 Parole SPS Upgrade

Class: Wastewater

FY2016 Council Approved

Description

This project is for the design and construction of miscellaneous improvements to the Parole Sewage Pumping Station. The improvements include, but are not limited to the replacement of pump positions number 1 and 3; replacement and upgrade of the influent screening devices to grinders; variable frequency drives and controls upgrades; installation of a generator for back up power supply; and other improvements.

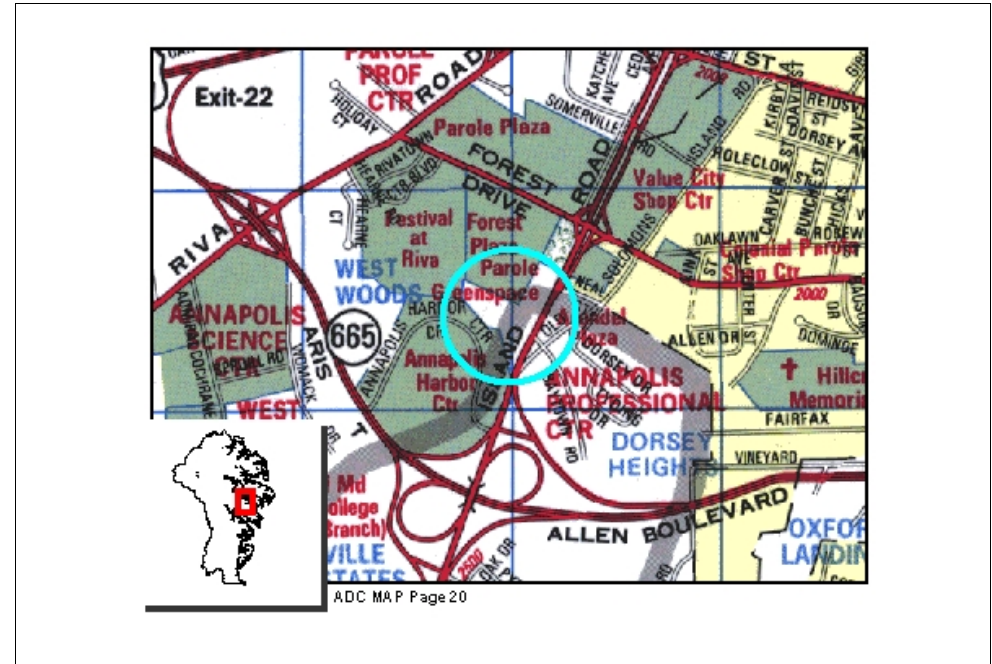
FY14 Description amended to include upgrade of odor control system.

Benefit

The project will provide improved sewage pumping station operation and reliability.

Amendment History

County Council removed \$90k via AMD #40 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$999,000	Plans and Engineering	\$999,000	\$999,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,000	Land	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,526,000	Construction	\$3,436,000	\$3,526,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$277,000	Overhead	\$277,000	\$277,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,827,000	Total	\$4,737,000	\$4,827,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$90,000)	\$0	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0

S804900 Parole SPS Upgrade

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conditional Acceptance of Odor Control System
3. Action Required To Complete This Project: Performance of Odor Control System

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 2008 \$6,880,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$4,231,006	\$413,773	\$4,644,779
April 1, 2015	\$4,371,998	\$222,264	\$4,594,262

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,827,000	WasteWater Bonds	\$4,737,000	\$4,827,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,827,000	Total	\$4,737,000	\$4,827,000	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$90,000)	\$0	(\$90,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805200 Riviera Beach SPS Mods

Class: Wastewater

FY2016

Council Approved

Description

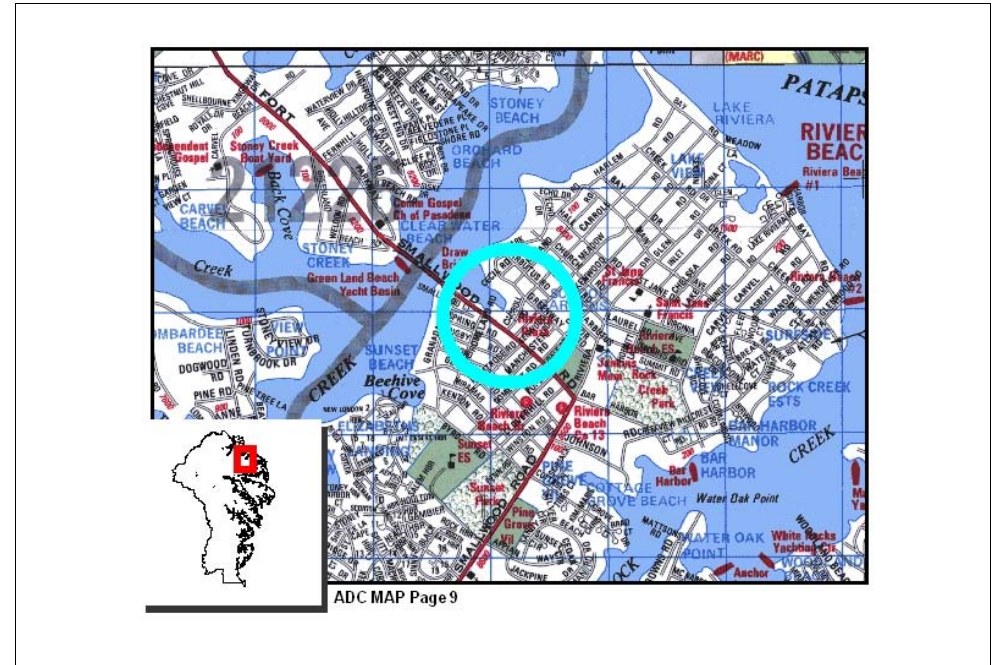
Funds are requested for the planning, design, right of way acquisition and construction of overflow structure modifications and pump station reliability improvements necessary to minimize risks of sanitary sewer overflows from the Riviera Beach Sewage Pump Station.

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.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$483,000	Plans and Engineering	\$483,000	\$483,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$50,000	Land	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,125,000	Construction	\$2,765,000	\$5,125,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$340,000	Overhead	\$340,000	\$340,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,998,000	Total	\$3,638,000	\$5,998,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,360,000)	\$0	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805200 Riviera Beach SPS Mods

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction and Performance
3. Action Required To Complete This Project: Construction and 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 \$6,286,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$412,522	\$1,655,103
April 1, 2015	\$553,496	\$1,135,858
		\$2,067,625
		\$1,689,354

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$5,998,000	WasteWater Bonds	\$3,638,000	\$5,998,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$5,998,000	Total	\$3,638,000	\$5,998,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,360,000)	\$0	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805300 Cinder Cove SPS Mods

Class: Wastewater

FY2016 Council Approved

Description

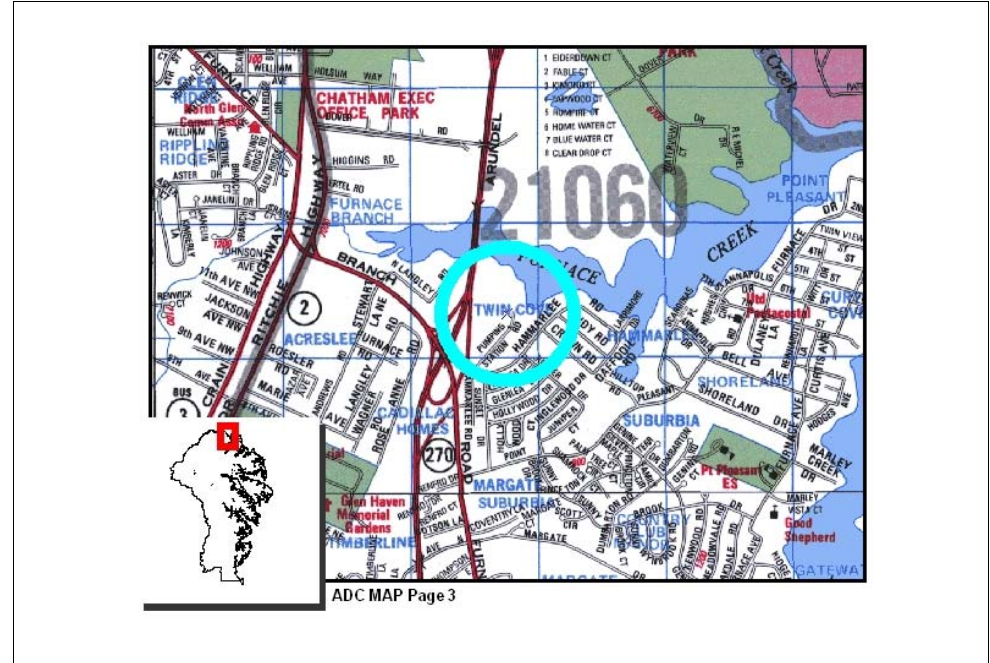
Funds are requested for the planning, design, right of way acquisition and construction of overflow structure modifications and pump station reliability improvements necessary to minimize risks of sanitary sewer overflows from the Cinder Cove Sewage Pump Station.

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.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$656,000	Plans and Engineering	\$656,000	\$656,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,000	Land	\$25,000	\$25,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,498,000	Construction	\$9,498,000	\$9,498,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$746,000	Overhead	\$586,000	\$746,000	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$12,925,000	Total	\$10,765,000	\$10,925,000	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,160,000)	(\$2,000,000)	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805300 Cinder Cove SPS Mods

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Construction and 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 \$8,620,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$469,411	\$494,743
April 1, 2015	\$779,044	\$5,860,006
		\$6,639,050

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$12,925,000	WasteWater Bonds	\$10,765,000	\$10,925,000	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$12,925,000	Total	\$10,765,000	\$10,925,000	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		(\$2,160,000)	(\$2,000,000)	(\$160,000)	\$0	\$0	\$0	\$0	\$0	\$0

S805900 Odenton Town Cntr Sewr

Class: Wastewater

FY2016

Council Approved

Description

This project includes right of way acquisition and the design and construction of sanitary sewer collectors and interceptor upgrades to serve the proposed Odenton Town Center.

Cost will be recovered through establishment of a defined sanitary district and associated surcharge imposed on development within the district.

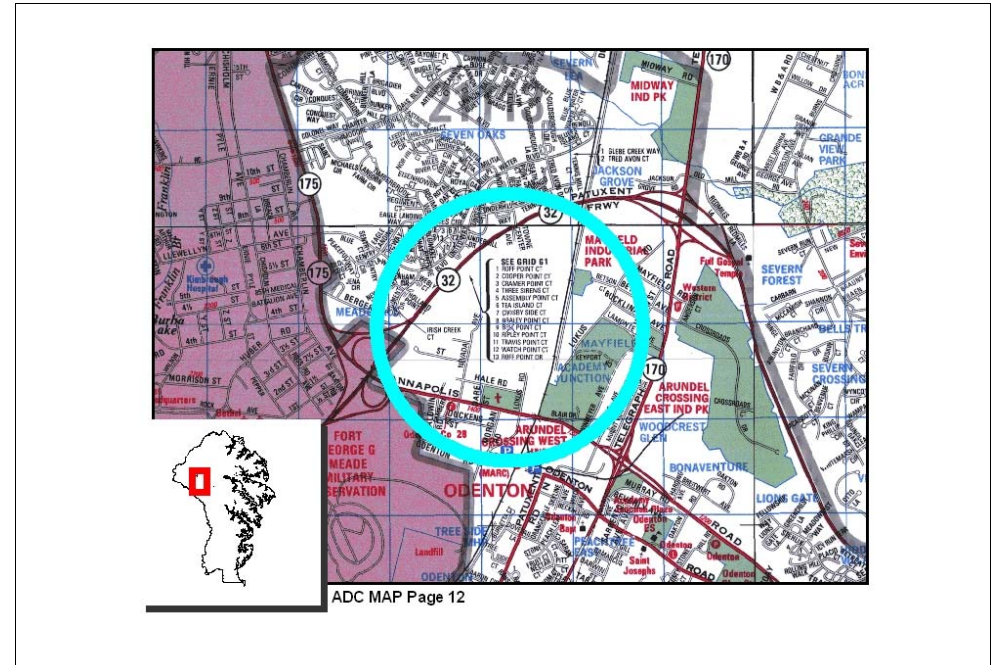
Funds appropriated in the Capital Budget for "Odenton Town Center Sewer" may not be encumbered or expended until the Council establishes, by ordinance, a sewer subdistrict and approves, by ordinance, a Development Rights and Responsibilities Agreement with the developer.

Benefit

The project will accommodate the planned growth within the Odenton Town Center.

Amendment History

County Council added conditional language via AMD #64 to Bill 28-10. County Council removed \$20k via AMD #76 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,315,000	Plans and Engineering	\$1,315,000	\$1,315,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,253,000	Land	\$1,253,000	\$1,253,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,281,000	Construction	\$10,151,000	\$9,281,000	\$870,000	\$0	\$0	\$0	\$0	\$0	\$0
\$711,000	Overhead	\$758,000	\$711,000	\$47,000	\$0	\$0	\$0	\$0	\$0	\$0
\$180,000	Other	\$180,000	\$180,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,740,000	Total	\$13,657,000	\$12,740,000	\$917,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$917,000	\$0	\$917,000	\$0	\$0	\$0	\$0	\$0	\$0

S805900 Odenton Town Cntr Sewr

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of Pump Station Improvements; Performance of Sewer Line Installations.
3. Action Required To Complete This Project: Construction and Performance of Pump Station Improvements.

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: Less than \$100,000 per year

Initial Total Project Cost Estimate

FY 2009 \$8,044,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$10,586,718	\$1,514,365	\$12,101,083
April 1, 2015	\$11,729,373	\$576,763	\$12,306,136

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$12,740,000	WasteWater Bonds	\$13,657,000	\$12,740,000	\$917,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Special Tax Districts	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,740,000	Total	\$13,657,000	\$12,740,000	\$917,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$917,000	\$0	\$917,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,753,000	Plans and Engineering	\$5,216,000	\$2,438,000	\$463,000	\$463	\$463	\$463	\$463	\$463	\$0
\$86,000	Land	\$96,000	\$36,000	\$10,000	\$10	\$10	\$10	\$10	\$10	\$0
\$34,133,000	Construction	\$37,349,000	\$18,053,000	\$3,216,000	\$3,216	\$3,216	\$3,216	\$3,216	\$3,216	\$0
\$2,277,000	Overhead	\$2,148,000	\$1,172,000	\$46,000	\$186	\$186	\$186	\$186	\$186	\$0
\$41,249,000	Total	\$44,809,000	\$21,699,000	\$3,735,000	\$3,875	\$3,875	\$3,875	\$3,875	\$3,875	\$0
More (Less) Than Prior Year Program:		\$3,560,000	\$0	(\$175,000)	(\$35)	(\$35)	(\$35)	(\$35)	\$3,875	\$0

S806200 SPS Fac Gen Replace

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Phase 4 Warranty, Phase 5 Construction and Warranty, Phases 6 & 7 Construction, Phases 8 & 9 Complete Design and Initiate Construction, Phases 10, 11, 12,& 13 Design
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 FY21 Funding
3. Change in Scope: None
4. Change in Timing: Multi-Year

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 2010 \$20,699,000

April 1, 2014

April 1, 2015

Financial Activity

Expended	Encumbered	Total
\$2,051,938	\$2,843,367	\$4,895,305
\$2,937,600	\$3,505,256	\$6,442,855

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$40,249,000	WasteWater Bonds	\$39,467,000	\$20,699,000	\$3,128,000	\$3,128	\$3,128	\$3,128	\$3,128	\$3,128	\$0
\$1,000,000	WasteWater PayGo	\$4,742,000	\$1,000,000	\$7,000	\$747	\$747	\$747	\$747	\$747	\$0
	Bond Premium	\$600,000	\$0	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0
\$41,249,000	Total	\$44,809,000	\$21,699,000	\$3,735,000	\$3,875	\$3,875	\$3,875	\$3,875	\$3,875	\$0
	More (Less) Than Prior Year Program:	\$3,560,000	\$0	(\$175,000)	(\$35)	(\$35)	(\$35)	(\$35)	\$3,875	\$0

S806500 Patuxent WRF Exp

Class: Wastewater

FY2016 Council Approved

Description

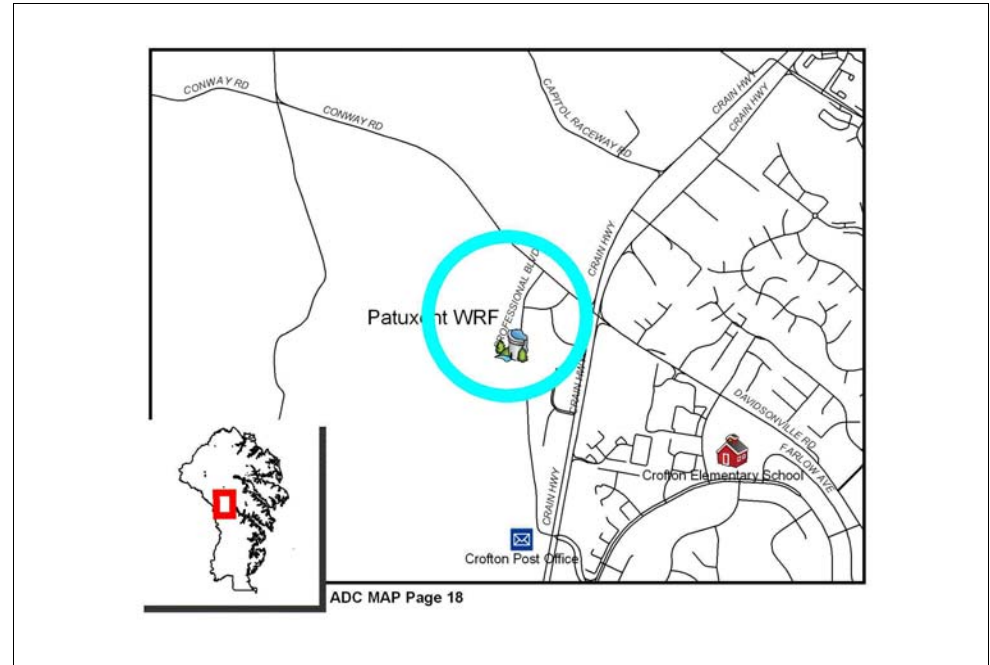
Funds are requested for the design, land acquisition and construction of an expansion of the Patuxent WRF to a capacity of 10.5 MGD. The project will include the addition of a new process train including tankage, process units, modifications to existing facilities, upgrade of the headworks and all other 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. County Council removed \$10k in FY17 via AMD #111 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,584,000	Plans and Engineering	\$4,706,000	\$4,584,000	\$61,000	\$61	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$55,839,000	Construction	\$56,533,000	\$55,839,000	\$347,000	\$347	\$0	\$0	\$0	\$0	\$0
\$2,420,000	Overhead	\$2,464,000	\$2,420,000	\$22,000	\$22	\$0	\$0	\$0	\$0	\$0
\$62,844,000	Total	\$63,704,000	\$62,844,000	\$430,000	\$430	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$860,000	\$0	\$430,000	\$430	\$0	\$0	\$0	\$0	\$0

S806500 Patuxent WRF Exp

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction of Patuxent WRF Expansion
3. Action Required To Complete This Project: Construction and Performance of Patuxent WRF Expansion; Design, Construction, and Performance of Mudwell Improvements and Non-Potable Water System Improvements

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Increase based on Design and Construction costs associated with Mudwell and Non-Potable Water System Improvements.
3. Change In Scope: None
4. Change In Timing: None

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

Initial Total Project Cost Estimate

FY 2011 \$37,631,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$3,136,071	\$2,780,796	\$5,916,866
April 1, 2015	\$3,301,107	\$4,887,742	\$8,188,849

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$62,844,000	WasteWater Bonds	\$63,704,000	\$62,844,000	\$430,000	\$430	\$0	\$0	\$0	\$0	\$0
\$62,844,000	Total	\$63,704,000	\$62,844,000	\$430,000	\$430	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$860,000	\$0	\$430,000	\$430	\$0	\$0	\$0	\$0	\$0

S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2016 Council Approved

Description

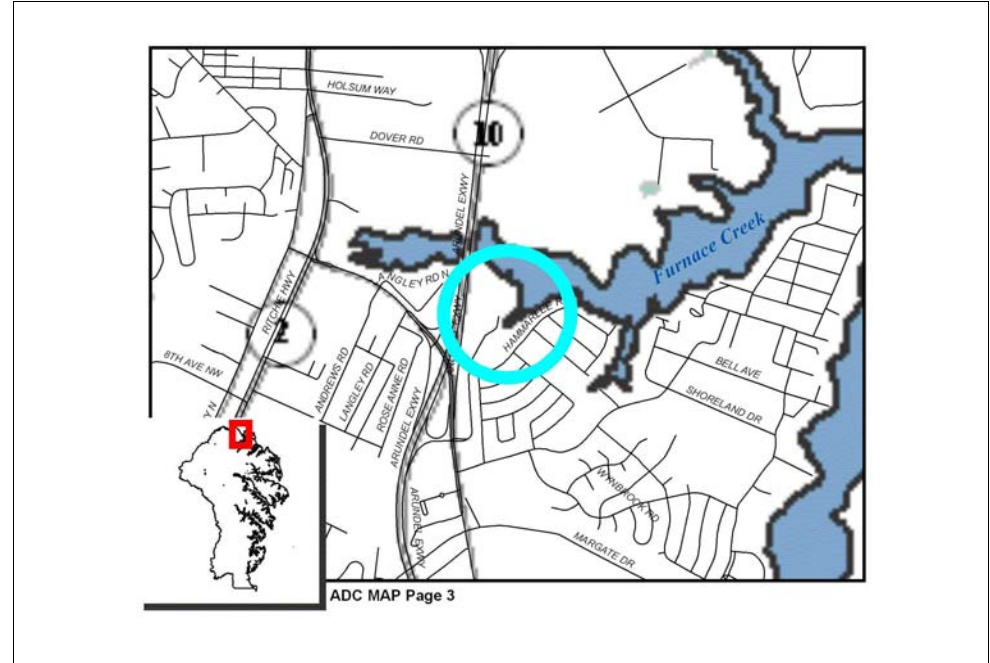
Funds are requested for the design, right of way acquisition, and construction of approximately 10,000 linear feet of 30" force main from Hammarlee Drive to Marley Creek.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$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
\$6,648,000	Construction	\$10,710,000	\$6,648,000	\$4,062,000	\$0	\$0	\$0	\$0	\$0	\$0
\$529,000	Overhead	\$599,000	\$529,000	\$70,000	\$0	\$0	\$0	\$0	\$0	\$0
\$8,367,000	Total	\$12,499,000	\$8,367,000	\$4,132,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$4,132,000	\$0	\$4,132,000	\$0	\$0	\$0	\$0	\$0	\$0

S806700 Cinder Cove FM Rehab

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change In Name Or Description: Amended Description: Design, Right-of-Way Acquisition, and Construction of Approximately 5,600 linear feet of 30" Force Main from Cinder Cove SPS to Marley Creek.
2. Change In Total Project Cost: Cost Increase Based on Current Estimate
3. Change In Scope: None
4. Change In Timing: None

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

Initial Total Project Cost Estimate

FY 2011 \$7,025,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$183,198	\$107,706	\$290,903
April 1, 2015	\$295,332	\$492,223	\$787,555

Planning Advisory Board Recommendation

PAB Recommendation does not include latest estimates.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$8,367,000	WasteWater Bonds	\$12,499,000	\$8,367,000	\$4,132,000	\$0	\$0	\$0	\$0	\$0	\$0
\$8,367,000	Total	\$12,499,000	\$8,367,000	\$4,132,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$4,132,000	\$0	\$4,132,000	\$0	\$0	\$0	\$0	\$0	\$0

S806900 Rolling Knolls ES Sewer Ext

Class: Wastewater

FY2016

Council Approved

Description

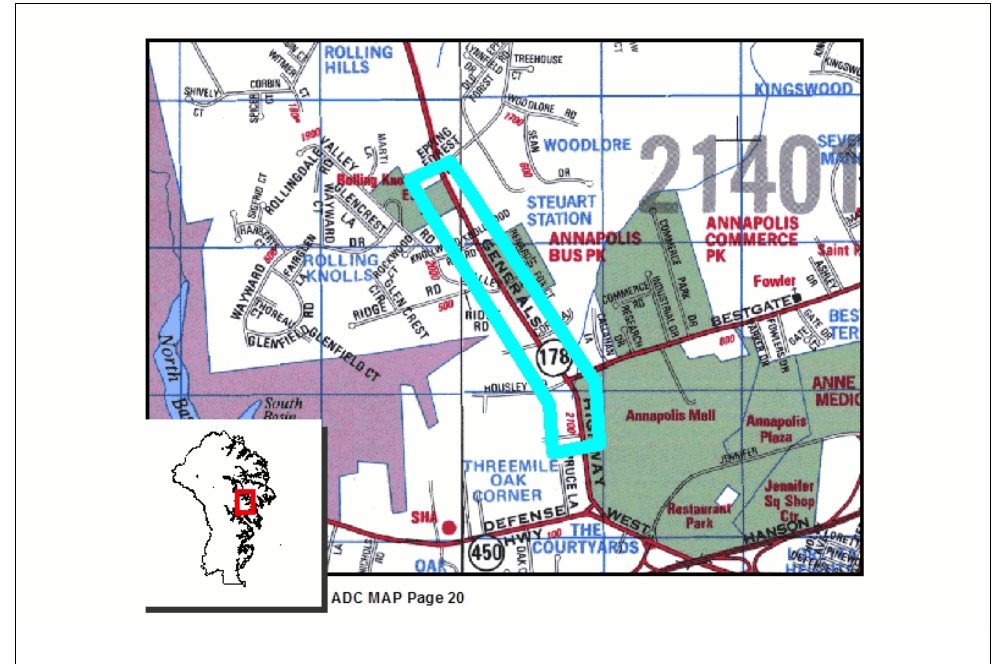
Funds are requested for the construction of a sanitary sewer extension to serve the Rolling Knolls Elementary School. The project will extend sewer along Generals Highway from the Generals Highway Sewage Pumping Station to the school site. The project is envisioned to consist of approximately 3,300 linear feet of sewer main.

Design and right of way acquisition will be completed as part of the Rolling Knolls Elementary School design effort managed by the Board of Education, and paid for directly from that project (E545500). The construction-related costs are reflected in this project because the Department of Public Works is managing this part of the overall job. The project will be funded thru Board of Education bonds and Wastewater Bonds.

Benefit

The project is necessary to accommodate the construction of a new elementary school. Once connected, conversion of the existing septic system to public sewer will improve wastewater treatment efficiency and will reduce nutrient loading to the environment.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$0	Plans and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$311,000	\$1,000	\$310,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,912,000	Construction	\$2,912,000	\$2,912,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$204,000	Overhead	\$225,700	\$204,000	\$21,700	\$0	\$0	\$0	\$0	\$0	\$0
\$3,117,000	Total	\$3,448,700	\$3,117,000	\$331,700	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$331,700	\$0	\$331,700	\$0	\$0	\$0	\$0	\$0	\$0

S806900 Rolling Knolls ES Sewer Ext

Class: Wastewater

FY2016

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: Right of Way Acquisition, Construction and Performance.

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Cost Increase Based on Current Estimate
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2014 \$845,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$0	\$0
April 1, 2015	\$0	\$0

Planning Advisory Board Recommendation

PAB Recommendation does not include latest estimates.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$595,000	WasteWater Bonds	\$926,700	\$2,272,000	(\$1,345,300)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,522,000	Other Funding Sources	\$2,522,000	\$845,000	\$1,677,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,117,000	Total	\$3,448,700	\$3,117,000	\$331,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$331,700	\$0	\$331,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2016 Council Approved

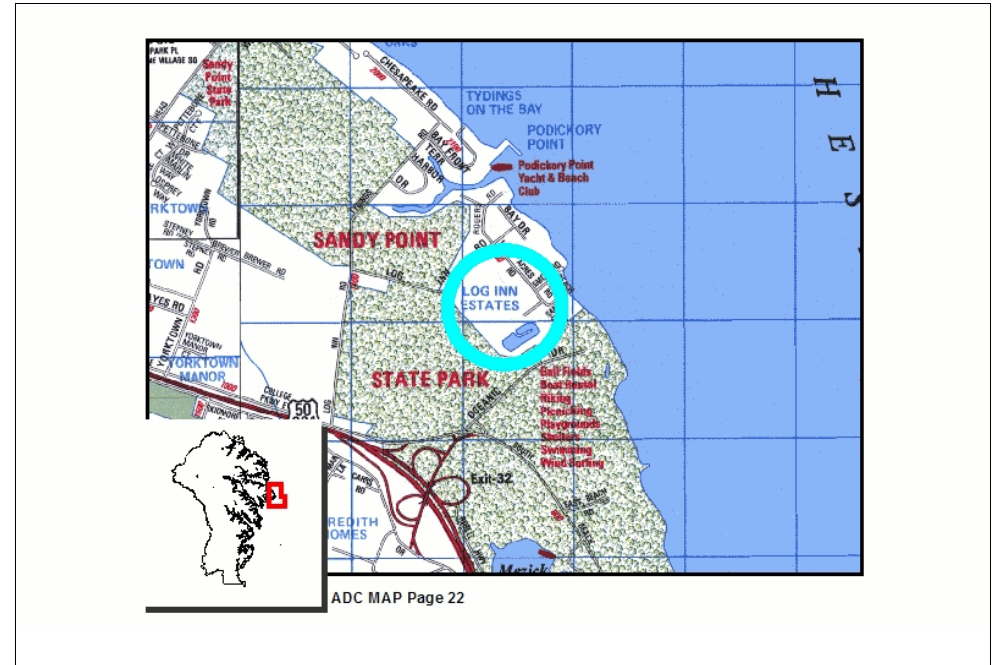
Description

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$171,000	Plans and Engineering	\$357,000	\$171,000	\$186,000	\$0	\$0	\$0	\$0	\$0	\$0
\$20,000	Land	\$20,000	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,171,000	Construction	\$2,997,000	\$2,171,000	\$826,000	\$0	\$0	\$0	\$0	\$0	\$0
\$166,000	Overhead	\$237,000	\$166,000	\$71,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,528,000	Total	\$3,611,000	\$2,528,000	\$1,083,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,083,000	\$0	\$1,083,000	\$0	\$0	\$0	\$0	\$0	\$0

S807000 Broadwater WRF Headworks

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current status of this project: Active
2. Action taken in Current Fiscal Year: Construction
3. Action required to complete this project: Construction & Performance

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: Cost Increase Based on Current Estimate
3. Change in Scope: None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2014 \$1,782,000

Financial Activity

April 1, 2014

Expended	Encumbered	Total
\$0	\$132,041	\$132,041

April 1, 2015

\$81,995	\$65,285	\$147,280
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Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$2,528,000	WasteWater Bonds	\$3,611,000	\$2,528,000	\$1,083,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,528,000	Total	\$3,611,000	\$2,528,000	\$1,083,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$1,083,000	\$0	\$1,083,000	\$0	\$0	\$0	\$0	\$0	\$0

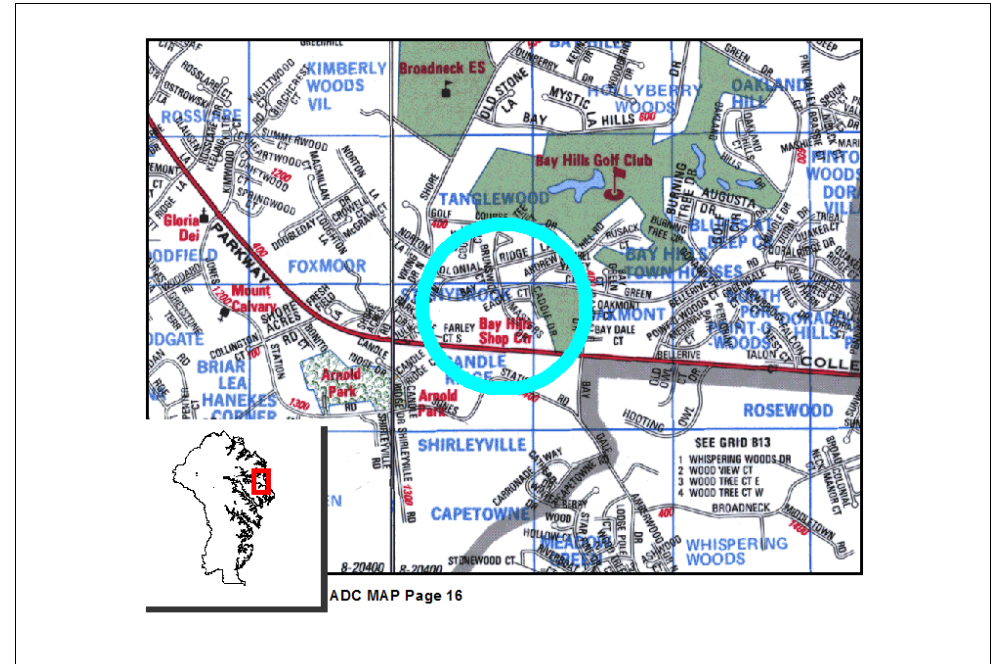
S807200 Tanglewood Two Sewer

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
	Plans and Engineering	\$5,000	\$0	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0
	Land	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$523,000	\$0	\$523,000	\$0	\$0	\$0	\$0	\$0	\$0
	Overhead	\$37,000	\$0	\$37,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0	\$0

S807200 Tanglewood Two Sewer

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change In Name Or Description: New Project
2. Change In Total Project Cost: New Project
3. Change In Scope: New Project
4. Change In Timing: New Project

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

Initial Total Project Cost Estimate

FY 2016 \$572,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$0	\$0
April 1, 2015	\$0	\$0

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
	WasteWater Bonds	\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$572,000	\$0	\$572,000	\$0	\$0	\$0	\$0	\$0	\$0

S807300 Annapolis WRF Upgrade

Class: Wastewater

FY2016

Council Approved

Description

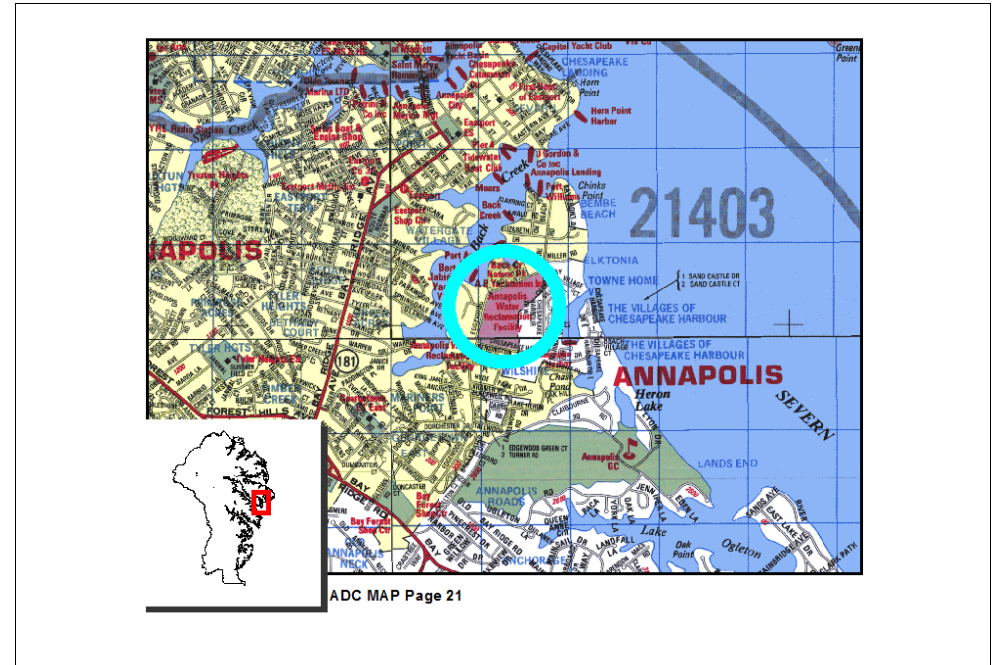
The purpose of this project is to design and construct several water reclamation facility improvements including bar screen replacement, material/mechanical upgrades to the primary and secondary clarifiers, site pavement replacement, holding pond liner replacement, and electrical manhole rehabilitation.

Benefit

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

Amendment History

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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
	Plans and Engineering	\$915,000	\$0	\$915,000	\$0	\$0	\$0	\$0	\$0	\$0
	Land	\$7,000	\$0	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$6,509,000	\$0	\$0	\$6,509	\$0	\$0	\$0	\$0	\$0
	Overhead	\$380,000	\$0	\$50,000	\$330	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$7,811,000	\$0	\$972,000	\$6,839	\$0	\$0	\$0	\$0	\$0
	More (Less) Than Prior Year Program:	\$7,811,000	\$0	\$972,000	\$6,839	\$0	\$0	\$0	\$0	\$0

S807300 Annapolis WRF Upgrade

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status of this Project: New Project
2. Action Taken in Current FY: New Project
3. Action Required to Complete This Project: New Project

Change from Prior Year

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

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

Initial Total Project Cost Estimate

FY 2016 \$7,811,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$0	\$0
April 1, 2015	\$0	\$0

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
	WasteWater Bonds	\$7,811,000	\$0	\$972,000	\$6,839	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Total	\$7,811,000	\$0	\$972,000	\$6,839	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$7,811,000	\$0	\$972,000	\$6,839	\$0	\$0	\$0	\$0	\$0	\$0

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
	Plans and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$77,952,652	Other	\$78,425,985	\$46,025,985	\$5,400,000	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	
\$77,952,652	Total	\$78,425,985	\$46,025,985	\$5,400,000	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	
More (Less) Than Prior Year Program:		\$473,333	(\$4,926,667)	\$0	\$0	\$0	\$0	\$0	\$5,400	Multi-Yr

X738800 Sewer Main Repl/Recon

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Installed 150 LF of sewer main on Ohio Avenue, relined 12,800 lf of 8"-30" sewer main, rehabilitated a 30-inch Interceptor flowing to Big Cypress SPS, replaced 200 lf of 6-inch DIP force main serving the Silver Sands SPS and assessed the condition of the adjacent force main and recent failures, cleared 10,700 lf of sewer rights-of-way, cleaned 1,000 service connections, video-taped and cleaned 52,000 lf of sewer main, rehabilitated 50 manholes, purchased Sewer Model Calibration software and sewer materials, replaced 350 sewer lateral house connections and 125 manhole frames and covers.
3. Action Required To Complete This Project: Multi-Year Rehabilitation Project

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Added FY21 funding
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Potential savings/cost avoidance

Initial Total Project Cost Estimate

FY 1986 \$1,259,400

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$16,011,160	\$12,011,354	\$28,022,514
April 1, 2015	\$17,295,828	\$20,076,593	\$37,372,421

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$27,576,220	WasteWater Bonds	\$54,576,220	\$27,576,220	\$5,400,000	\$4,320	\$4,320	\$4,320	\$4,320	\$4,320	
\$50,376,432	WasteWater PayGo	\$22,774,765	\$18,449,765	(\$1,075,000)	\$1,080	\$1,080	\$1,080	\$1,080	\$1,080	
	Bond Premium	\$1,075,000	\$0	\$1,075,000	\$0	\$0	\$0	\$0	\$0	
\$77,952,652	Total	\$78,425,985	\$46,025,985	\$5,400,000	\$5,400	\$5,400	\$5,400	\$5,400	\$5,400	
More (Less) Than Prior Year Program:		\$473,333	(\$4,926,667)	\$0	\$0	\$0	\$0	\$0	\$5,400	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2016 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 funded by user connection charges. Connections made for water service will be installed under project number (X-7424) and connections made for sewer service will be installed under project number (X-7412). This project will be used as a revolving fund. All services will be installed under contracts administered by the Department of Public Works.

Beginning in FY2004, User Connection Fees will no longer be deposited in the Utility Debt Service Fund and then transferred to this project as a funding source. Instead, these fees will be deposited in the Utility Operating Fund and this project will be funded with Utility PayGo.

Benefit

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

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.

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$11,939,096	Other	\$10,848,341	\$2,848,341	\$0	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
\$11,939,096	Total	\$10,848,341	\$2,848,341	\$0	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
More (Less) Than Prior Year Program:		(\$1,090,755)	(\$1,090,755)	(\$1,600,000)	\$0	\$0	\$0	\$0	\$1,600	Multi-Yr

X741200 WW Service Connections

Class: Wastewater

FY2016 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: De-appropriate \$1,600,000 FY16 due to available balance; Added FY21 funding
3. Change In Scope: None
4. Change In Timing: None

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

Initial Total Project Cost Estimate

FY 1986 \$8,919,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$1,363,429	\$836,571	\$2,200,000
April 1, 2015	\$797,379	\$969,399	\$1,766,777

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,600,000	Water Bonds	\$1,438,056	\$1,438,056	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,175,827	WasteWater Bonds	\$900,988	\$900,988	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,819,448	WasteWater PayGo	\$4,409,173	\$409,173	\$0	\$800	\$800	\$800	\$800	\$800	
\$4,343,821	Water PayGo	\$4,100,124	\$100,124	\$0	\$800	\$800	\$800	\$800	\$800	
\$0	User Connections	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$11,939,096	Total	\$10,848,341	\$2,848,341	\$0	\$1,600	\$1,600	\$1,600	\$1,600	\$1,600	
More (Less) Than Prior Year Program:		(\$1,090,755)	(\$1,090,755)	(\$1,600,000)	\$0	\$0	\$0	\$0	\$1,600	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2016 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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$0	Plans and Engineering	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,920,063	Other	\$1,920,063	\$920,063	\$0	\$200	\$200	\$200	\$200	\$200	
\$1,920,063	Total	\$1,920,063	\$920,063	\$0	\$200	\$200	\$200	\$200	\$200	
More (Less) Than Prior Year Program:		\$0	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr

X800000 State Hwy Reloc-Sewer

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design and Construct Relocations along MD 175 Widening near MD 295.
3. Action Required To Complete This Project: Multi-year Project

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: Increase due to relocations along MD 175. Added FY21 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, 2014	\$185,648	\$95,332	\$280,980
April 1, 2015	\$175,397	\$91,519	\$266,915

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$82,580	WasteWater Bonds	\$82,580	\$82,580	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,837,483	WasteWater PayGo	\$1,837,483	\$837,483	\$0	\$200	\$200	\$200	\$200	\$200	\$200	
\$1,920,063	Total	\$1,920,063	\$920,063	\$0	\$200	\$200	\$200	\$200	\$200	\$200	
More (Less) Than Prior Year Program:		\$0	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$200	Multi-Yr	

Z533200 Routine Sewer Extensions

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Completed Dorsey Road Sewer Extension and Oakdale Circle Sewer Feasibility Studies, Conducted Laurel Valley and Tanglewood II Sewer System Evaluations,
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 FY21 Funding.
3. Change In Scope: None
4. Change InTiming: None

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

Initial Total Project Cost Estimate

FY 1976 \$94,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$376,995	\$72,127	\$449,122
April 1, 2015	\$167,833	\$55,142	\$222,974

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,689,429	WasteWater Bonds	\$3,462,228	\$1,462,228	\$0	\$400	\$400	\$400	\$400	\$400	
\$0	WasteWater PayGo	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,689,429	Total	\$3,462,228	\$1,462,228	\$0	\$400	\$400	\$400	\$400	\$400	
More (Less) Than Prior Year Program:		(\$227,201)	(\$227,201)	(\$400,000)	\$0	\$0	\$0	\$0	\$400	Multi-Yr

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2016

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 include upgrading the Patapsco WWTP to 70 mgd and the expansion of the facilities to 87.5 mgd. The next expansion will allow Anne Arundel County a total allocation of 6.72 mgd. This will amount to an additional 1.02 mgd allocation over what we have already purchased. Budgeted monies are for the following Patapsco WWTP Projects: Truck Scales, Chlorination/Dechlorination Facility Improvements, Oxygen Plant Upgrade, Low Level Sewer Facility Improvements, Lab and Maintenance Shop Improvements, Chlorination/Dechlorination Control Systems, Odor Control, Additional Land Acquisition, primary settling tanks, reactor renovations, and sludge process facilities. Funds requested in FY05 - FY10 are the County's share to design and construct BNR improvements at Patapsco WWTP.

Location

Countywide

Benefit

Compliance with Agreement with Baltimore County.

Amendment History

Removed \$3,400,000 via AMD #40 to Bill 46-13.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$523,200	Plans and Engineering	\$523,200	\$523,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,036,700	Construction	\$11,036,700	\$11,036,700	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$343,000	Overhead	\$343,000	\$343,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,701,900	Other	\$9,701,900	\$9,701,900	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$21,604,800	Total	\$21,604,800	\$21,604,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S647500 Balto. County Sewer Agreement

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Continue processing of invoices as received from Baltimore County.
3. Action Required To Complete This Project: Complete County obligation to upgrades required at Patapsco WWTP as outlined in project description.

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 1976 \$427,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$15,980,825	\$718,804	\$16,699,629
April 1, 2015	\$17,814,827	\$36,849	\$17,851,676

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$17,979,800	WasteWater Bonds	\$17,979,800	\$17,979,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,625,000	WasteWater PayGo	\$3,625,000	\$3,625,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$21,604,800	Total	\$21,604,800	\$21,604,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S741300 Chg Against WW Clsd Projects

Class: Wastewater

FY2016

Council Approved

Project Status

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

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: None
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1986 \$900,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$438,731	\$0	\$438,731
April 1, 2015	\$438,731	\$47	\$438,779

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Encumbered	FY2017	FY2018	FY2019	FY2020	FY2021	
\$640,348	WasteWater Bonds	\$640,348	\$640,348	\$0		\$0	\$0	\$0	\$0	\$0	
\$0	WasteWater PayGo	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	
\$640,348	Total	\$640,348	\$640,348	\$0		\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0	Multi-Yr

S777200 Central Sanitation Facility

Class: Wastewater

FY2016 Council Approved

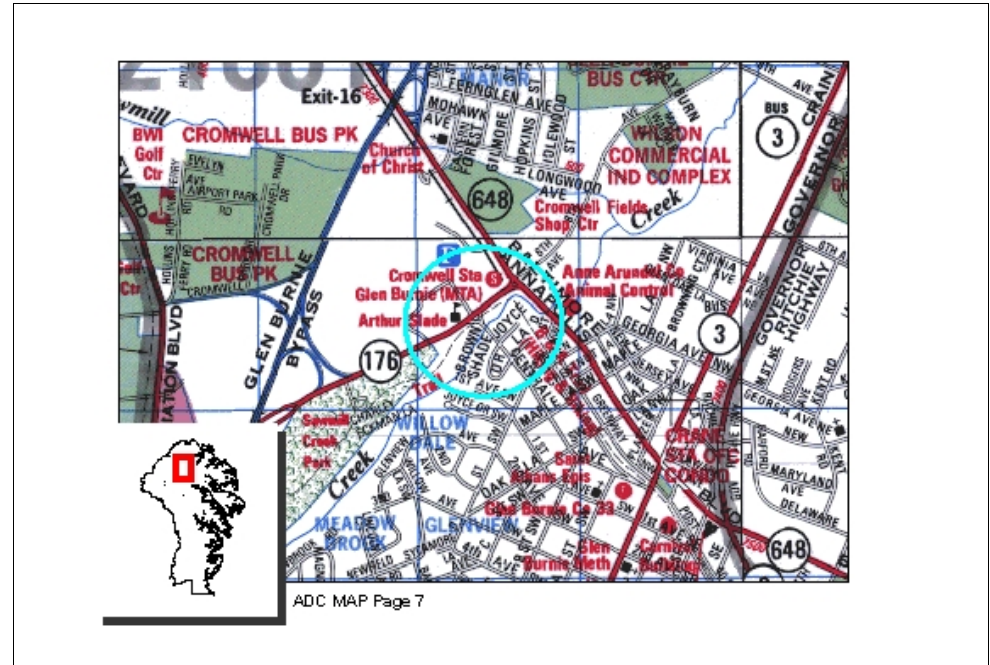
Description

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.

Benefit

Efficiency of Operations.

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,619,000	Plans and Engineering	\$1,619,000	\$1,619,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,000	Land	\$4,000	\$4,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$18,691,000	Construction	\$18,691,000	\$18,691,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$993,000	Overhead	\$993,000	\$993,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$765,000	Furn., Fixtures and Equip.	\$765,000	\$765,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$184,000	Other	\$184,000	\$184,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,256,000	Total	\$22,256,000	\$22,256,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S777200 Central Sanitation Facility

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Design and Construction of HVAC Mods
3. Action Required To Complete This Project: Construction and 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 1996 \$5,545,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$19,118,907	\$244,268	\$19,363,175
April 1, 2015	\$19,686,373	\$578,741	\$20,265,114

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$22,256,000	WasteWater Bonds	\$22,256,000	\$22,256,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,256,000	Total	\$22,256,000	\$22,256,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

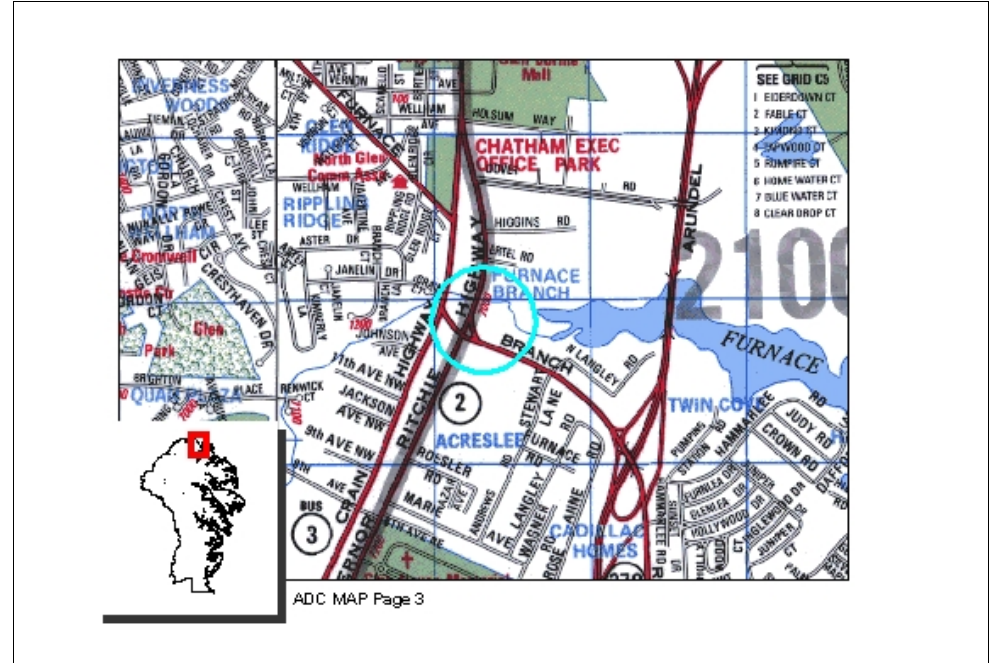
S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2016 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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$48,000	Plans and Engineering	\$48,000	\$48,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$49,000	Land	\$49,000	\$49,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$621,000	Construction	\$621,000	\$621,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$36,000	Overhead	\$36,000	\$36,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$754,000	Total	\$754,000	\$754,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S797800 Furnace Brn Swr Repl

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Continued Right-of-Way Investigation
3. Action Required To Complete This Project: Complete Right-of-Way Acquisition, Construction, and 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 2000 \$504,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$47,836	\$0
April 1, 2015	\$47,836	\$0

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$754,000	WasteWater Bonds	\$754,000	\$754,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$754,000	Total	\$754,000	\$754,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800600 Dewatering Facilities

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,645,000	Plans and Engineering	\$3,645,000	\$3,645,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$16,000	Land	\$16,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$40,986,000	Construction	\$40,986,000	\$40,986,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,786,000	Overhead	\$1,786,000	\$1,786,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$46,433,000	Total	\$46,433,000	\$46,433,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800600 Dewatering Facilities

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction at Broadneck WRF, Annapolis WRF, Patuxent WRF, and Maryland City WRF
3. Action Required To Complete This Project: Construction and Performance

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: None
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$13,274,700

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$1,963,787	\$6,237,320
April 1, 2015	\$2,558,229	\$7,690,741
		\$8,201,107
		\$10,248,971

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$46,433,000	WasteWater Bonds	\$46,433,000	\$46,433,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$46,433,000	Total	\$46,433,000	\$46,433,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800700 Regional Sludge Facility

Class: Wastewater

FY2016 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.

Benefit

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

Amendment History

Location

Countywide

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$925,000	Plans and Engineering	\$925,000	\$925,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$59,500	Overhead	\$59,500	\$59,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$984,500	Total	\$984,500	\$984,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S800700 Regional Sludge Facility

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Completed Phase 2 (Assessment) and Initiated Phase 3 (Schematic Design)
3. Action Required To Complete This Project: Complete Schematic Design, 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 \$157,500

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$175,695	\$12,868
April 1, 2015	\$232,051	\$269,848
		\$501,899

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$984,500	WasteWater Bonds	\$984,500	\$984,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$984,500	Total	\$984,500	\$984,500	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

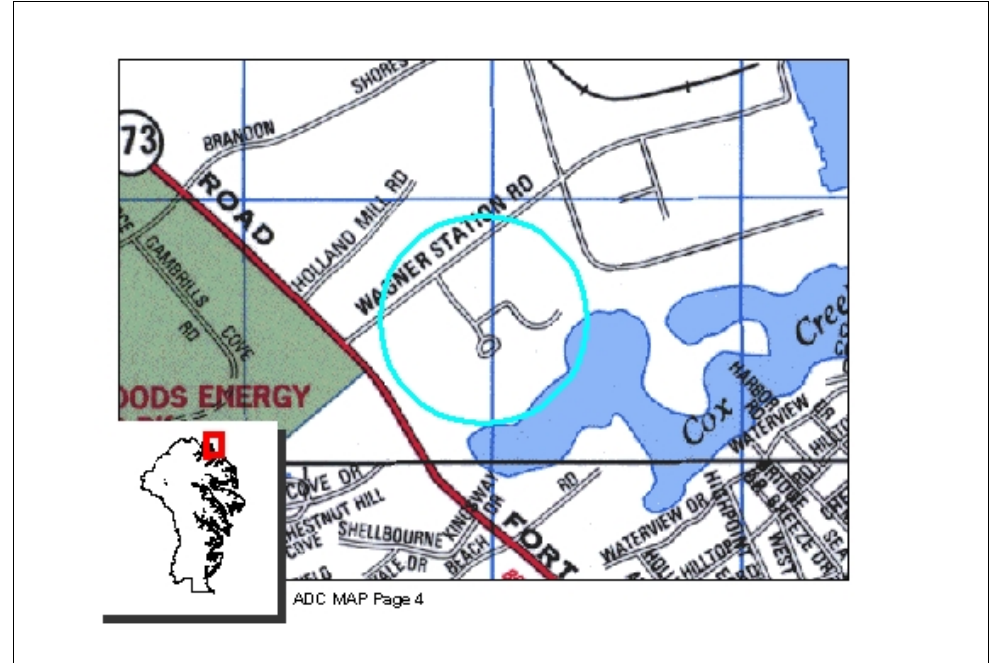
S802200 Cox Creek WRF ENR

Class: Wastewater

FY2016 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

Removed \$1,223,000 via AMD #6 to Bill 23-14.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$14,540,200	Plans and Engineering	\$14,540,200	\$14,540,200	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$12,000	Land	\$12,000	\$12,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$123,800,800	Construction	\$123,800,800	\$123,800,800	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,510,000	Overhead	\$2,510,000	\$2,510,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$140,863,000	Total	\$140,863,000	\$140,863,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802200 Cox Creek WRF ENR

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current FY: Construction For Phase II
3. Action Required To Complete This Project: Construction for Phase II and Performance for Phase II.

Change from Prior Year

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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$155,011,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$39,253,115	\$85,711,102	\$124,964,217
April 1, 2015	\$90,106,742	\$38,047,999	\$128,154,741

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Capital Program (\$000)						Beyond 6 Years
				Budget FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	
\$52,263,000	WasteWater Bonds	\$52,263,000	\$52,263,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$88,600,000	Other State Grants	\$88,600,000	\$88,600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$140,863,000	Total	\$140,863,000	\$140,863,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S802800 Sewer Proj Mgmt

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$2,000,000	Other	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,000,000	Total	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

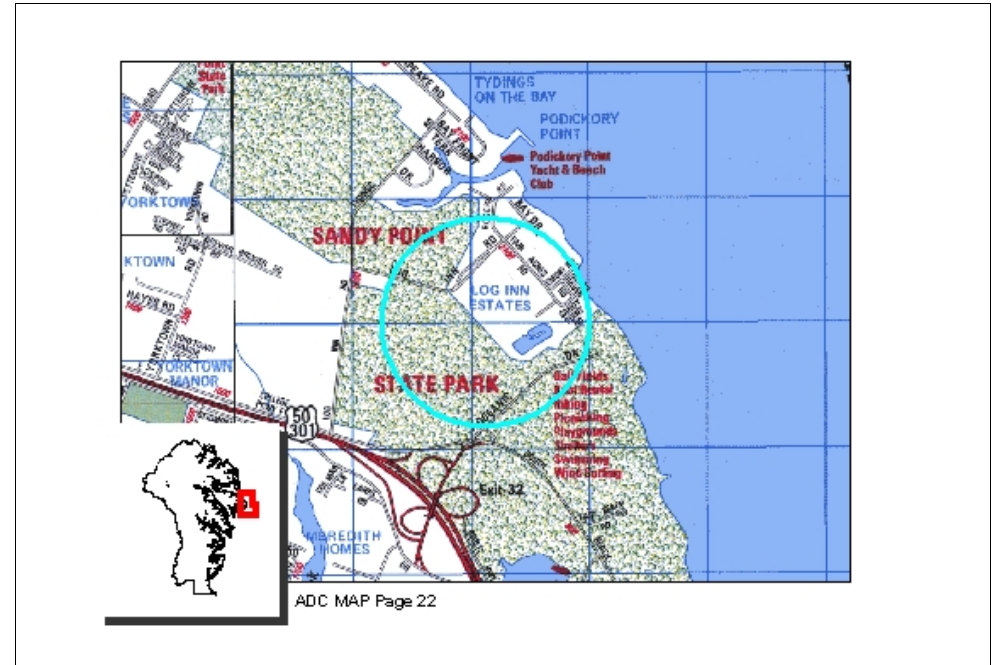
S803100 Broadneck WRF ENR

Class: Wastewater

FY2016 Council Approved

Description

Funds are requested for the design and construction of Enhanced Nutrient Removal treatment facilities for the Broadneck WRF to meet Maryland Department of the Environment guidelines (3.0 mg/l TN and 0.3 mg/l TP). Upgrade to include UV Disinfection System.



Benefit

To meet regulatory compliance requirements and environmental protection.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,225,000	Plans and Engineering	\$1,225,000	\$1,225,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$22,843,000	Construction	\$22,843,000	\$22,843,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,701,000	Overhead	\$1,701,000	\$1,701,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,775,000	Total	\$25,775,000	\$25,775,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S803100 Broadneck WRF ENR

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status of this Project: Active
2. Action Taken in Current FY: Performance
3. Action Required To Complete This Project: Performance

Change from Prior Year

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

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 2010 \$23,659,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$19,805,652	\$3,031,427	\$22,837,080
April 1, 2015	\$22,864,188	\$1,425,708	\$24,289,896

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$17,924,000	WasteWater Bonds	\$17,924,000	\$17,924,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,851,000	Other State Grants	\$7,851,000	\$7,851,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,775,000	Total	\$25,775,000	\$25,775,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804700 Mill Creek SPS Upg

Class: Wastewater

FY2016

Council Approved

Description

This project includes the design and construction of various upgrades to the Mill Creek Sewage Pumping Station. The purpose of the project is to replace and update mechanical equipment, electrical equipment, controls, generator replacement, etc. to improve the station's operation and reliability.

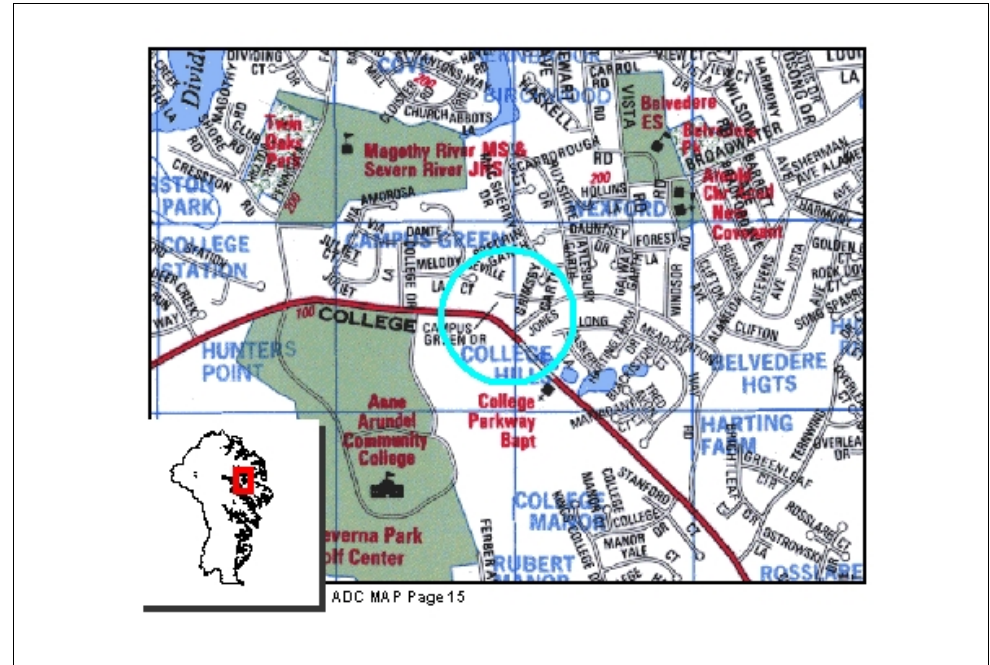
Two year construction funding is proposed.

Benefit

Improved operation and reliability.

Amendment History

Prior appropriation increased by Council Bill 84-14.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$990,000	Plans and Engineering	\$990,000	\$990,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,919,000	Construction	\$9,919,000	\$9,919,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$458,000	Overhead	\$458,000	\$458,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,377,000	Total	\$11,377,000	\$11,377,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S804700 Mill Creek SPS Upg

Class: Wastewater

FY2016 Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conditional Acceptance
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 2008 \$7,310,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$2,609,207	\$5,467,104
April 1, 2015	\$8,613,453	\$1,604,774
		\$10,218,227

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Capital Program (\$000)						Beyond 6 Years
				Budget FY2016	FY2017	FY2018	FY2019	FY2020	FY2021	
\$9,377,000	WasteWater Bonds	\$11,377,000	\$11,377,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$9,377,000	Total	\$11,377,000	\$11,377,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S805000 WRF Effluent Reuse

Class: Wastewater

FY2016

Council Approved

Description

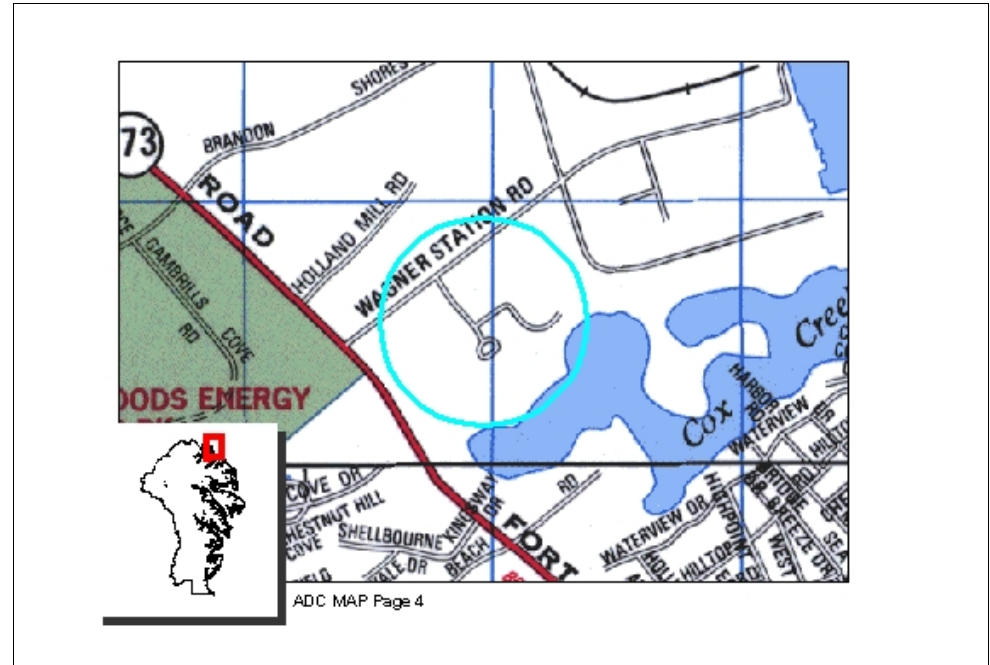
This project is for planning and feasibility efforts to support Countywide WRF Effluent Reuse in conjunction with Capital Improvement and Developer Projects.

Benefit

Provides conservation of potable water supply by offering reuse water for non potable uses.

Amendment History

Removed \$244,000 via AMD #20 to Bill 23-14.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$22,000	Plans and Engineering	\$22,000	\$22,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Land	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,000	Overhead	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$42,000	Total	\$42,000	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S805000 WRF Effluent Reuse

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Multi-Year
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 2008 \$1,800,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$41,246	\$0	\$41,246
April 1, 2015	\$41,246	\$0	\$41,246

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years	
					FY2017	FY2018	FY2019	FY2020	FY2021		
\$42,000	WasteWater Bonds	\$42,000	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$42,000	Total	\$42,000	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S805400 Marley SPS Upgrade

Class: Wastewater

FY2016 Council Approved

Description

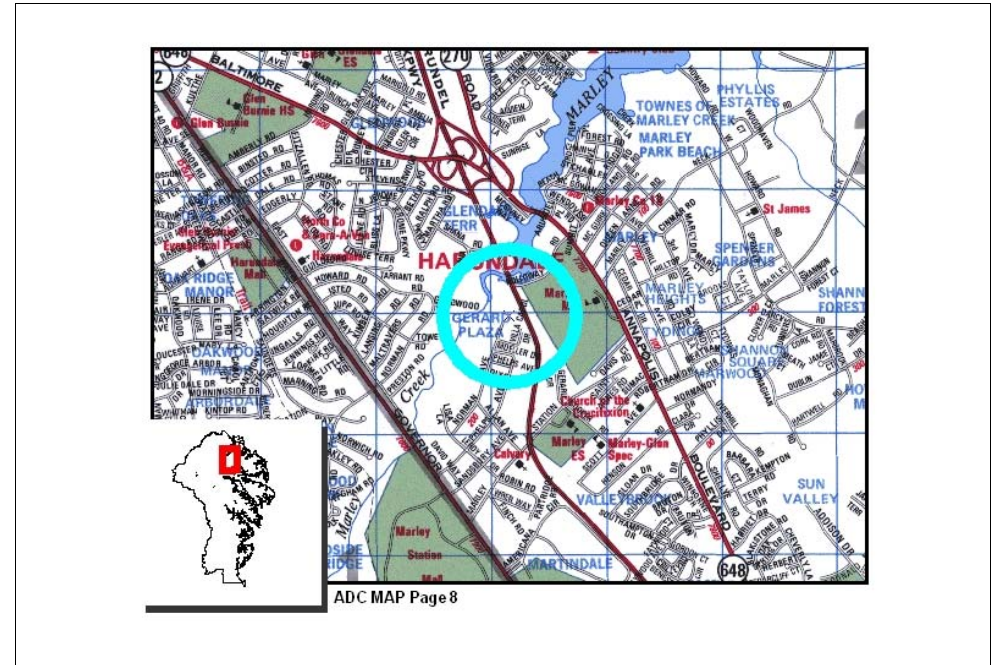
Funds are requested for the planning, design, right of way acquisition and construction of various upgrades to the Marley Sewage Pumping Station. The purpose of the project is to replace and update mechanical equipment, electrical equipment, controls, etc. to improve the station's operation and reliability.

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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$396,000	Plans and Engineering	\$396,000	\$396,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,577,000	Construction	\$3,577,000	\$3,577,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$251,000	Overhead	\$251,000	\$251,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,229,000	Total	\$4,229,000	\$4,229,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S805400 Marley SPS Upgrade

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: 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, 2014	\$3,942,696	\$94,111	\$4,036,807
April 1, 2015	\$3,994,397	\$77,936	\$4,072,333

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,229,000	WasteWater Bonds	\$4,229,000	\$4,229,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,229,000	Total	\$4,229,000	\$4,229,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

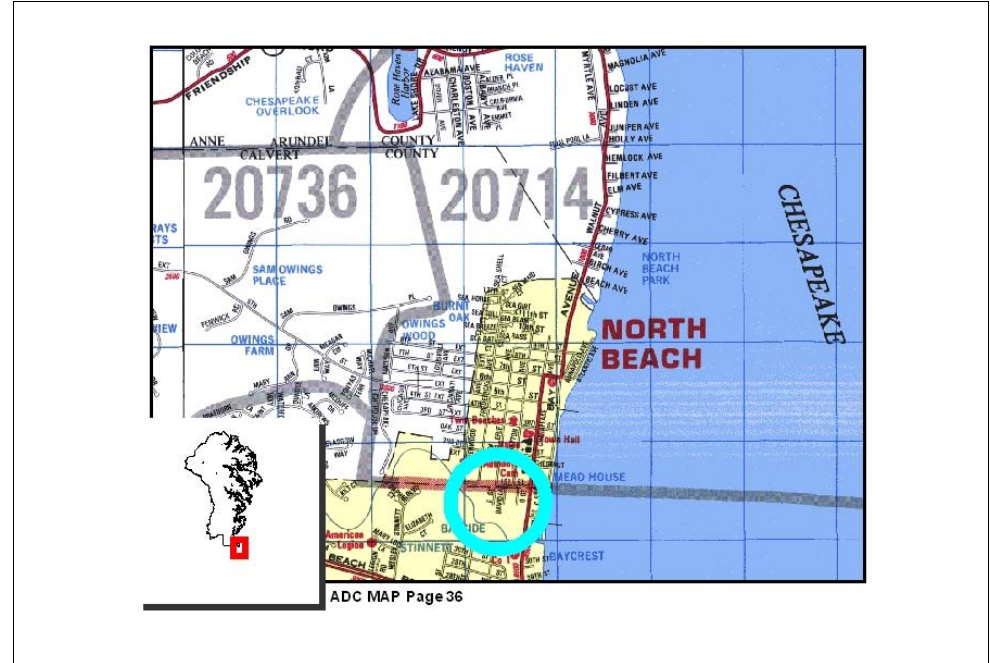
S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$2,166,000	Other	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,166,000	Total	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806000 Chesapeake Bch WWTP

Class: Wastewater

FY2016 Council Approved

Project Status

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

Change from Prior Year

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

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

Initial Total Project Cost Estimate

FY 2009 \$931,000

Financial Activity

	Expended	Encumbered	Total
April 1, 2014	\$1,066,477	\$0	\$1,066,477
April 1, 2015	\$1,418,791	\$0	\$1,418,791

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$2,166,000	WasteWater Bonds	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,166,000	Total	\$2,166,000	\$2,166,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2016 Council Approved

Description

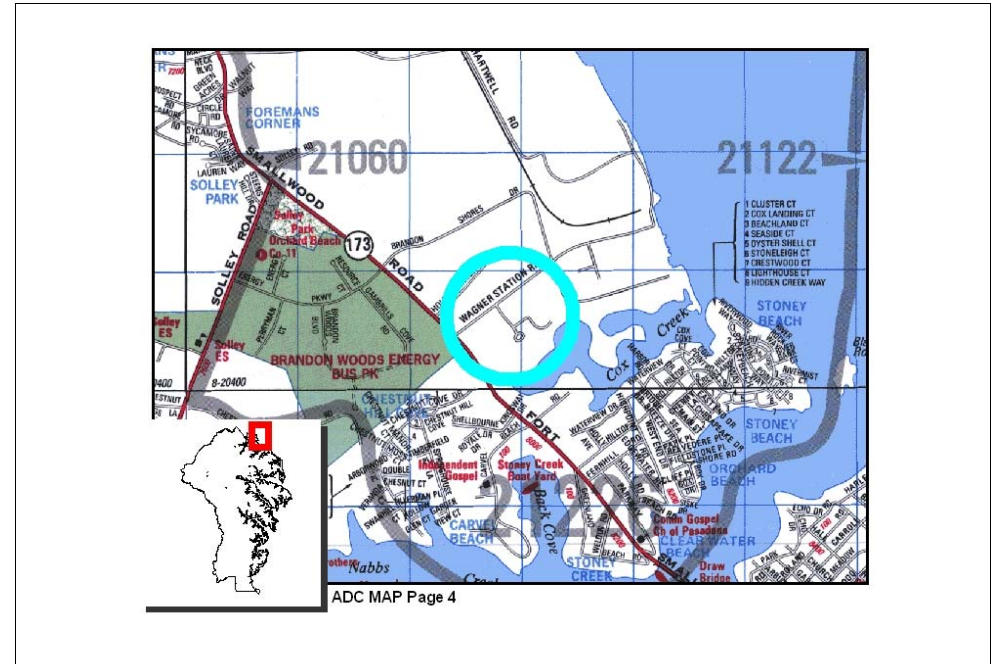
Funds are requested for the design and construction of facility upgrades at the Cox Creek WRF. Upgrades include modifications to the grit chamber, post aeration, chemical feed systems, gravity thickener, new grit classifiers, replacement of the maintenance building and related equipment. Project will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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$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	\$23,085,000	\$23,085,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000,000	Overhead	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,998,000	Total	\$25,998,000	\$25,998,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806100 Cox Creek WRF Non-ENR

Class: Wastewater

FY2016

Council Approved

Project Status

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

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	
April 1, 2014	\$3,089,079	\$1,505,315	\$4,594,395
April 1, 2015	\$4,915,984	\$16,279,635	\$21,195,619

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$25,998,000	WasteWater Bonds	\$25,998,000	\$25,998,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$25,998,000	Total	\$25,998,000	\$25,998,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806300 Big Cypress SPS Retro

Class: Wastewater

FY2016 Council Approved

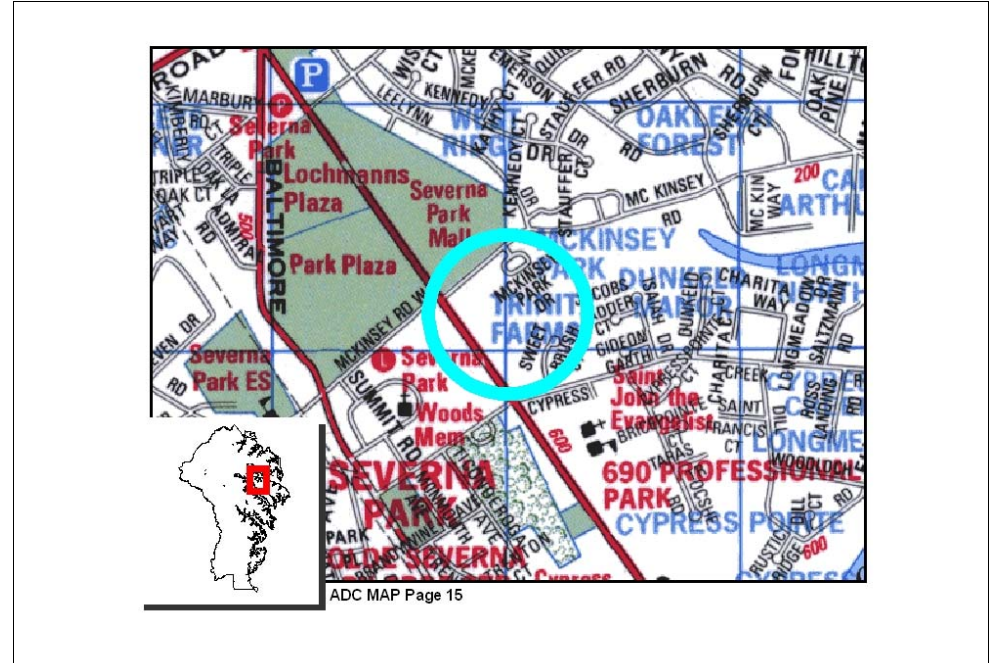
Description

This project provides funding for design and construction of upgrades to the Big Cypress Creek Sewage Pumping Station. Upgrades include, but not limited to, replacement of pumps, valves, generator, fuel storage tank, motor control center, controls and instrumentation.

Benefit

The project will enhance and retrofit existing sewage pumping station for continued reliable operation..

Amendment History



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$40,000	Plans and Engineering	\$40,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,500,000	Construction	\$3,500,000	\$3,500,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$215,000	Overhead	\$215,000	\$215,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,756,000	Total	\$3,756,000	\$3,756,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806300 Big Cypress SPS Retro

Class: Wastewater

FY2016

Council Approved

Project Status

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

Change from Prior Year

1. Change in Name or Description: None
2. Change in Total Project Cost: 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 \$3,756,000

Financial Activity

April 1, 2014

Expended Encumbered Total
 \$254,168 \$1,845,632 \$2,099,800

April 1, 2015

\$2,235,675 \$337,154 \$2,572,829

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,756,000	WasteWater Bonds	\$3,756,000	\$3,756,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,756,000	Total	\$3,756,000	\$3,756,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806600 Maryland City WRF Exp

Class: Wastewater

FY2016 Council Approved

Description

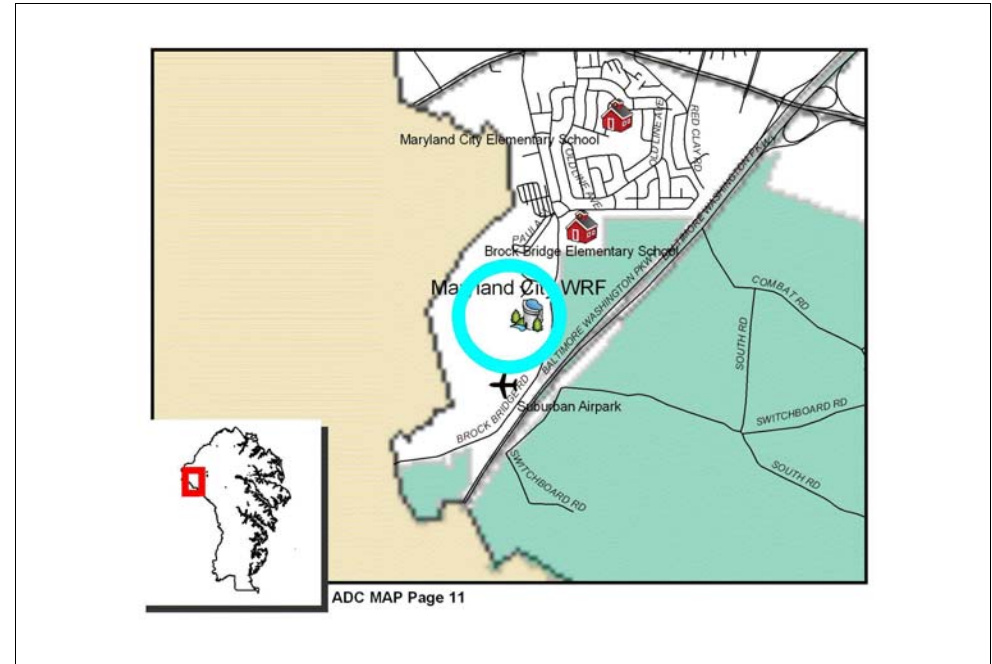
Funds are requested for the design, land acquisition and construction of an expansion of the Maryland City WRF to a capacity of 3.7 MGD. The project will include the addition of a new process train including tankage, process units, modifications to existing facilities, upgrade of the headworks and all 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



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$5,023,000	Plans and Engineering	\$5,023,000	\$5,023,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$40,891,000	Construction	\$40,891,000	\$40,891,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,837,600	Overhead	\$1,837,600	\$1,837,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,752,600	Total	\$47,752,600	\$47,752,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806600 Maryland City WRF Exp

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Construction
3. Action Required To Complete This Project: Construction and 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
April 1, 2014	\$3,159,834	\$35,893,994
April 1, 2015	\$4,176,807	\$39,053,828
		\$39,889,831

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$47,752,600	WasteWater Bonds	\$47,752,600	\$47,752,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$47,752,600	Total	\$47,752,600	\$47,752,600	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806800 Parkway Ind Park Sewer Rehab

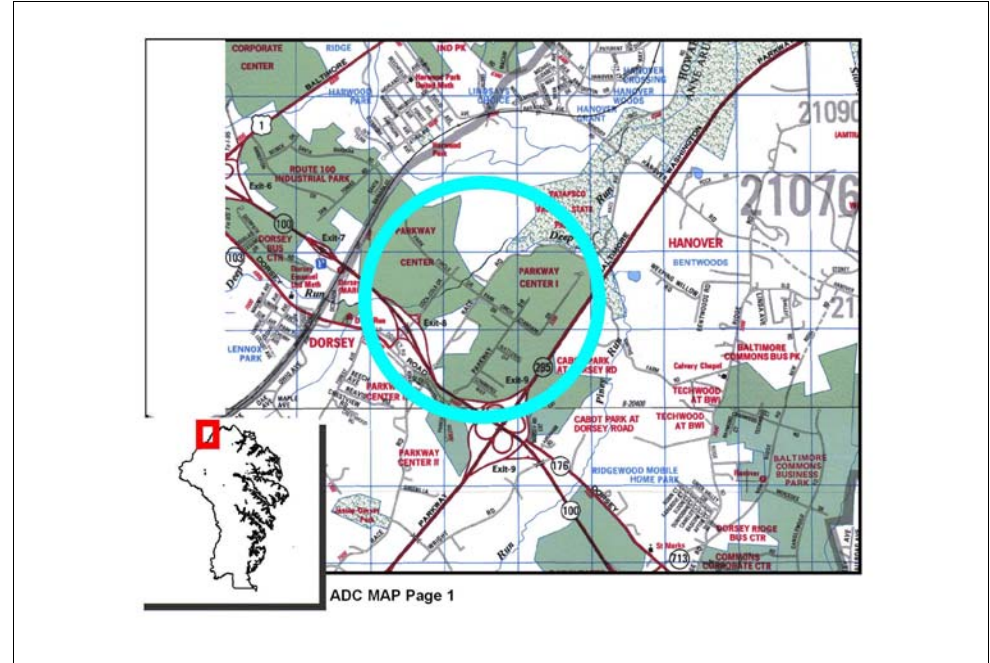
Class: Wastewater

FY2016

Council Approved

Description

Funds are requested for the rehabilitation to County standards and subsequent takeover by the County of the sewer collection system in the Parkway Industrial Park. The project is in response to a valid petition filed by 30 properties.



Benefit

Extension of public sewer in response to a valid petition. Expansion of customer base and environmental protection through improved wastewater treatment.

Amendment History

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$1,000	Plans and Engineering	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$410,000	Construction	\$410,000	\$410,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$26,000	Overhead	\$26,000	\$26,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$438,000	Total	\$438,000	\$438,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

S806800 Parkway Ind Park Sewer Rehab

Class: Wastewater

FY2016

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 2011 \$438,000

Financial Activity

April 1, 2014

Expended	Encumbered	Total
\$0	\$0	\$0
April 1, 2015	\$147,794	\$0
		\$147,794

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$438,000	WasteWater Bonds	\$438,000	\$438,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$438,000	Total	\$438,000	\$438,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

X749000 Agreements W/Developers

Class: Wastewater

FY2016 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 FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,250,253	Other	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,250,253	Total	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X749000 Agreements W/Developers

Class: Wastewater

FY2016 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: No funding requested for FY16.
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: Indeterminate

Initial Total Project Cost Estimate

FY 1988 \$11,820,000

Financial Activity

Expended	Encumbered	Total	
April 1, 2014	\$68,617	\$12,727	\$81,343
April 1, 2015	\$170,322	\$13,096	\$183,418

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$3,250,253	Developer Contribution	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,250,253	Total	\$3,250,253	\$3,250,253	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2016 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.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2016	Capital Program (\$000)					Beyond 6 Years
					FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,298,173	Other	\$3,968,664	\$3,968,664	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,298,173	Total	\$3,968,664	\$3,968,664	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		(\$329,508)	(\$329,508)	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

X764200 WW Project Planning

Class: Wastewater

FY2016

Council Approved

Project Status

1. Current Status Of This Project: Active
2. Action Taken In Current Fiscal Year: Conducted Grit/Spoils Facility Study; Continued Septic Conversion Evaluations; Lower Broadneck SSA System Analysis and Master Planning.
3. Action Required To Complete This Project: Multi-Year

Change from Prior Year

1. Change In Name Or Description: None
2. Change In Total Project Cost: None
3. Change In Scope: None
4. Change In Timing: None

Estimated Operating Budget Impact: None

Initial Total Project Cost Estimate

FY 1993 \$400,000

Financial Activity

Expended	Encumbered	Total
April 1, 2014	\$896,393	\$154,816
April 1, 2015	\$593,970	\$335,954
		\$929,925

Planning Advisory Board Recommendation

The PAB Recommendation is identical to the County Executive's Proposal.

Prior Year Project Total	Funding	Project Total	Prior Approval	Financial Activity		Capital Program (\$000)					Beyond 6 Years
				Budget FY2016	Total	FY2017	FY2018	FY2019	FY2020	FY2021	
\$4,298,173	WasteWater PayGo	\$3,968,664	\$3,968,664	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,298,173	Total	\$3,968,664	\$3,968,664	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
More (Less) Than Prior Year Program:		(\$329,508)	(\$329,508)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

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