

# Water

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# Capital Budget and Program

Anne Arundel County, Maryland

## Project Class Summary - Project Listing

Council Approved

Project	Project Title	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
<b>Project Class Water</b>									
W744400	Exist Well Redev/Repl	25,805,722	9,905,722	2,650,000	2,650,000	2,650,000	2,650,000	2,650,000	2,650,000
W778800	Water Strategic Plan	2,171,007	1,871,007	50,000	50,000	50,000	50,000	50,000	50,000
W787800	Fire Hydrant Rehab	7,466,193	2,581,193	1,010,000	775,000	775,000	775,000	775,000	775,000
W799600	Elevated Water Storage	39,442,204	33,492,204	0	5,950,000	0	0	0	0
W801200	12" St Marg/Old Mill Bttm	7,173,300	6,088,300	1,085,000	0	0	0	0	0
W801400	Crofton Meadows II Exp Ph 2	69,028,350	17,431,350	0	27,906,000	23,691,000	0	0	0
W801600	TM-MD Rte 32 @ Meade	55,839,091	29,009,091	0	0	26,830,000	0	0	0
W801700	Glen Burnie High Zone	3,049,661	4,049,661	-1,000,000	0	0	0	0	0
W803300	WTR Infrastr Up/Retro	8,608,002	4,858,002	0	750,000	750,000	750,000	750,000	750,000
W803600	East/West TM - North	61,235,413	19,133,413	2,102,000	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000
W804000	Broad Creek WTP Exp	42,904,565	40,402,565	0	2,502,000	0	0	0	0
W804200	Withernsea WTP	343,100	346,000	-2,900	0	0	0	0	0
W804300	New Cut WTP	1,767,000	1,596,000	171,000	0	0	0	0	0
W804500	North Co Water Dist Imp	1,764,067	1,771,567	-7,500	0	0	0	0	0
W805000	Water Fac Emerg Generators	11,621,390	8,433,390	3,188,000	0	0	0	0	0
W805500	Arnold Lime System Upgrade	7,298,190	6,798,190	500,000	0	0	0	0	0
W805600	Dorsey Lime System Upgrade	3,264,000	3,464,000	-200,000	0	0	0	0	0
W805700	Heritage Harbor Wtr Takeover	2,136,500	2,532,500	-396,000	0	0	0	0	0
W806200	Tanyard Springs Lane WM Ext	249,000	607,000	-358,000	0	0	0	0	0
W806300	Water Meter Replace/Upgrade	36,487,094	10,557,094	2,571,000	4,917,000	5,113,000	5,317,000	5,530,000	2,482,000
W806400	Edgewater Beach Water	6,957,000	444,000	0	0	6,513,000	0	0	0
W808900	Severndale WTP Filter Rehab	5,317,000	8,317,000	-3,000,000	0	0	0	0	0
W809100	AMI Water Meter Program	54,384,000	2,916,000	11,356,000	10,028,000	10,028,000	10,028,000	10,028,000	0
W809600	Arnold WTP Upgrades	4,466,000	350,000	24,000	4,092,000	0	0	0	0
W809700	Crofton Meadows WTP Bldg Imp	2,259,000	251,000	2,008,000	0	0	0	0	0
W809800	Dorsey WTP Improvements	2,895,000	134,000	76,000	0	2,685,000	0	0	0
W810400	Crofton Meadows WTP Rehab	5,198,000	0	791,000	4,407,000	0	0	0	0

**Capital Budget and Program**

**Anne Arundel County, Maryland**

**Project Class Summary - Project Listing**

**Council Approved**

Project	Project Title	Total	Prior	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
X733700	Water Main Repl/Recon	125,981,340	52,781,340	12,200,000	12,200,000	12,200,000	12,200,000	12,200,000	12,200,000
X764300	Water Proj Planning	3,501,555	1,801,555	350,000	350,000	250,000	250,000	250,000	250,000
X787000	Water Storage Tank Painting	40,555,708	24,275,708	2,636,000	1,879,000	3,160,000	2,579,000	2,489,000	3,537,000
Y514200	Routine Water Extensions	2,585,770	1,085,770	250,000	250,000	250,000	250,000	250,000	250,000
W741400	Chg Against Wtr Clsd Projects	220,866	220,866	0	0	0	0	0	0
W753400	Demo Abandoned Facilities	2,775,723	2,775,723	0	0	0	0	0	0
W778600	Crofton Meadows II WTP Upgr	15,858,734	15,858,734	0	0	0	0	0	0
W797600	Independent Well Upgrd	2,171,058	2,171,058	0	0	0	0	0	0
W799400	Severndale WTP Upgrade PH III	3,566,796	3,566,796	0	0	0	0	0	0
W800200	Water System Security	4,572,607	4,572,607	0	0	0	0	0	0
W800300	Balto City Water Main Rpr	2,015,526	2,015,526	0	0	0	0	0	0
W801800	Arnold WTP Exp	8,860,996	8,860,996	0	0	0	0	0	0
W803400	Water Proj Mgmt	2,000,000	2,000,000	0	0	0	0	0	0
W804600	Balt City - Fullerton WTP	10,400	10,400	0	0	0	0	0	0
W805400	Pike Drive Water Extension	287,974	287,974	0	0	0	0	0	0
W805800	Whiskey Bottom Road Interconn	4,277,300	4,277,300	0	0	0	0	0	0
W805900	Coriander Place WM Extension	553,000	553,000	0	0	0	0	0	0
W806000	Banbury WM Extension	966,000	966,000	0	0	0	0	0	0
W806100	Hanover Road Water Main Ext	702,000	702,000	0	0	0	0	0	0
W808800	OPS Compl Solar Panels Water	2,963,000	2,963,000	0	0	0	0	0	0
<b>Total Water</b>		\$693,556,204	\$349,086,604	\$38,053,600	\$86,706,000	\$102,945,000	\$42,849,000	\$42,972,000	\$30,944,000

**Capital Budget and Program**

**Anne Arundel County, Maryland**

**Project Class Summary - Funding Detail**

**Council Approved**

	<b>Total</b>	<b>Prior</b>	<b>FY2023</b>	<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>
<b>Project Class Water</b>								
<b>Bonds</b>								
Water Bonds	\$628,509,281	\$303,439,681	\$34,253,600	\$81,306,000	\$96,645,000	\$41,549,000	\$41,672,000	\$29,644,000
<b>Bonds</b>	\$628,509,281	\$303,439,681	\$34,253,600	\$81,306,000	\$96,645,000	\$41,549,000	\$41,672,000	\$29,644,000
<b>PayGo</b>								
Water PayGo	\$29,750,923	\$24,847,923	(\$697,000)	\$400,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000
<b>PayGo</b>	\$29,750,923	\$24,847,923	(\$697,000)	\$400,000	\$1,300,000	\$1,300,000	\$1,300,000	\$1,300,000
<b>Grants &amp; Aid</b>								
ARP Grant	\$1,097,000	\$0	\$1,097,000	\$0	\$0	\$0	\$0	\$0
Other Fed Grants	\$2,765,000	\$2,765,000	\$0	\$0	\$0	\$0	\$0	\$0
Other State Grants	\$11,500,000	\$1,500,000	\$0	\$5,000,000	\$5,000,000	\$0	\$0	\$0
<b>Grants &amp; Aid</b>	\$15,362,000	\$4,265,000	\$1,097,000	\$5,000,000	\$5,000,000	\$0	\$0	\$0
<b>Other</b>								
Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0
Project Reimbursement	\$2,000,000	\$2,000,000	\$0	\$0	\$0	\$0	\$0	\$0
Bond Premium	\$17,504,000	\$14,104,000	\$3,400,000	\$0	\$0	\$0	\$0	\$0
<b>Other</b>	\$19,934,000	\$16,534,000	\$3,400,000	\$0	\$0	\$0	\$0	\$0
<b>Water</b>	\$693,556,204	\$349,086,604	\$38,053,600	\$86,706,000	\$102,945,000	\$42,849,000	\$42,972,000	\$30,944,000

**W744400 Exist Well Redev/Repl**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds were approved and are programmed for existing raw water well redevelopment and for existing well pump replacement. The existing raw water wells have to be redeveloped to maintain pumping rates, screens need to be cleaned, and if necessary, pumps and columns completely replaced. Redevelopment to continue such that each well is redeveloped approximately once every 10 years. Included in this project is the replacement and/or remediation of existing aging and failing wells as required.

**Location**

**Countywide**

**Benefit**

This is an on-going project to investigate and redevelop as needed all existing raw water wells (approximately 56 wells) to ensure that all wells will continue to operate at optimum rates.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$2.5m via AMD #149, \$3,140,000 via AMD #195, and added \$640k/year for Fys 17-21 via AMD #199 to Bill 29-15. CC removed \$400,000 via AMD #51 to Bill 31-16.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,363,526	Plans and Engineering	\$2,963,526	\$863,526	\$350,000	\$350	\$350	\$350	\$350	\$350	
\$18,279,953	Construction	\$21,465,953	\$8,349,953	\$2,186,000	\$2,186	\$2,186	\$2,186	\$2,186	\$2,186	
\$1,260,138	Overhead	\$1,374,138	\$690,138	\$114,000	\$114	\$114	\$114	\$114	\$114	
\$13,000	Furn., Fixtures and Equip.	\$13,000	\$13,000	\$0	\$0	\$0	\$0	\$0	\$0	
(\$10,895)	Other	(\$10,895)	(\$10,895)	\$0	\$0	\$0	\$0	\$0	\$0	
\$21,905,722	<b>Total</b>	\$25,805,722	\$9,905,722	\$2,650,000	\$2,650	\$2,650	\$2,650	\$2,650	\$2,650	
<b>More (Less) Than Prior Year Program:</b>		\$3,900,000	\$0	\$250,000	\$250	\$250	\$250	\$250	\$2,650	Multi-Yr

**W744400 Exist Well Redev/Repl**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1987      \$4,380,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$5,852,548	\$1,234,552	\$7,087,100
<b>April 1, 2022</b>	\$7,519,219	\$1,972,167	\$9,491,386

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$16,575,722	Water Bonds	\$20,475,722	\$5,375,722	\$2,650,000	\$2,650	\$2,450	\$2,450	\$2,450	\$2,450	
\$930,000	Water PayGo	\$930,000	\$130,000	\$0	\$0	\$200	\$200	\$200	\$200	
\$4,400,000	Bond Premium	\$4,400,000	\$4,400,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$21,905,722	<b>Total</b>	\$25,805,722	\$9,905,722	\$2,650,000	\$2,650	\$2,650	\$2,650	\$2,650	\$2,650	
<b>More (Less) Than Prior Year Program:</b>		\$3,900,000	\$0	\$250,000	\$250	\$250	\$250	\$250	\$2,650	Multi-Yr

**W778800 Water Strategic Plan**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

This is to fund the update of the Comprehensive Strategic Water Plan, the Master Plan and to Fund the County's Interest in Well Head Protection. Funding through this project will also be used for the development of water strategic plans for the orderly programming and construction planning of water facilities.

**Location**

**Countywide**

**Benefit**

Orderly programming for construction of water facilities and compliance with Federal and State requirements.

**Amendment History**

County Council removed \$50k via AMD #87 to Bill 29-15. CC removed \$50k via AMD #35 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,014,273	Plans and Engineering	\$2,062,273	\$1,774,273	\$48,000	\$48	\$48	\$48	\$48	\$48	
\$106,734	Overhead	\$108,734	\$96,734	\$2,000	\$2	\$2	\$2	\$2	\$2	
\$2,121,007	<b>Total</b>	\$2,171,007	\$1,871,007	\$50,000	\$50	\$50	\$50	\$50	\$50	
<b>More (Less) Than Prior Year Program:</b>		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50	Multi-Yr

**W778800 Water Strategic Plan**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1996            \$260,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$1,508,580	\$28,127	\$1,536,707
<b>April 1, 2022</b>	\$1,508,580	\$28,127	\$1,536,707

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$2,121,007	Water PayGo	\$2,071,007	\$1,871,007	(\$50,000)	\$50	\$50	\$50	\$50	\$50	
	ARP Grant	\$100,000	\$0	\$100,000	\$0	\$0	\$0	\$0	\$0	
\$2,121,007	<b>Total</b>	\$2,171,007	\$1,871,007	\$50,000	\$50	\$50	\$50	\$50	\$50	
<b>More (Less) Than Prior Year Program:</b>		\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	\$50	Multi-Yr



**W787800 Fire Hydrant Rehab**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is to remove lead paint and repaint fire hydrants. This project is a multi year, on going project for coating maintenance on an approximate 7-10 year life cycle.

**Location**

**Countywide**

**Benefit**

Improved efficiency of operation and identification of needed repairs. Improved aesthetics. Quantification of County assets.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council added \$140k via AMD #189 and added \$140k/year for Fys 17-21 via AMD #200 to Bill 29-15. CC removed \$350k via AMD #74 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$167,905)	Plans and Engineering	(\$167,322)	(\$197,322)	\$5,000	\$5	\$5	\$5	\$5	\$5	
\$5,567,110	Construction	\$7,291,728	\$2,621,728	\$970,000	\$740	\$740	\$740	\$740	\$740	
\$334,667	Overhead	\$341,788	\$156,788	\$35,000	\$30	\$30	\$30	\$30	\$30	
\$5,733,872	<b>Total</b>	\$7,466,193	\$2,581,193	\$1,010,000	\$775	\$775	\$775	\$775	\$775	
<b>More (Less) Than Prior Year Program:</b>		\$1,732,322	(\$652,678)	\$510,000	\$275	\$275	\$275	\$275	\$775	Multi-Yr

**W787800 Fire Hydrant Rehab**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1998      \$1,400,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$2,285,955	\$362,175	\$2,648,130
<b>April 1, 2022</b>	\$1,903,155	\$582,410	\$2,485,565

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$140,000	Water Bonds	\$2,525,000	\$140,000	\$510,000	\$775	\$275	\$275	\$275	\$275	
\$5,593,872	Water PayGo	\$4,441,193	\$2,441,193	\$0	\$0	\$500	\$500	\$500	\$500	
	Bond Premium	\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	
\$5,733,872	<b>Total</b>	\$7,466,193	\$2,581,193	\$1,010,000	\$775	\$775	\$775	\$775	\$775	
<b>More (Less) Than Prior Year Program:</b>		\$1,732,322	(\$652,678)	\$510,000	\$275	\$275	\$275	\$275	\$775	Multi-Yr

**W799600 Elevated Water Storage**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Construction of Elevated Water Storage Tanks in accordance with the Water Strategic Plan. Current Program includes new Elevated Tanks in the Broad Creek, Heritage Harbor, Broadneck, Glen Burnie Low, Crofton, and Maryland City zones.

**Location**

**Countywide**

**Benefit**

To meet domestic and fire flow demands.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. Removed \$17,000,000 via AMD #76 to Bill 23-14. County Council removed \$1,440,000 via AMD #47 to Bill 29-15. County Council removed \$13,861,000 via AMD #77 to Bill 29-15. County Council removed \$160k in FY17 and \$170k in FY18 via AMD #114 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,554,618	Plans and Engineering	\$1,053,144	\$1,053,144	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,767,776	Land	\$2,762,876	\$2,762,876	\$0	\$0	\$0	\$0	\$0	\$0	
\$33,105,796	Construction	\$33,538,996	\$27,818,996	\$0	\$5,720	\$0	\$0	\$0	\$0	
\$2,102,017	Overhead	\$2,087,188	\$1,857,188	\$0	\$230	\$0	\$0	\$0	\$0	
\$39,530,208	<b>Total</b>	\$39,442,205	\$33,492,205	\$0	\$5,950	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$88,003)	(\$6,038,003)	\$0	\$5,950	\$0	\$0	\$0	\$0	Multi-Yr

W799600 Elevated Water Storage

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current 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 2003      \$3,080,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2021</b>	\$7,400,665	\$793,874	\$8,194,540
<b>April 1, 2022</b>	\$2,605,737	\$506,351	\$3,112,088

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$38,130,208	Water Bonds	\$39,442,204	\$33,492,204	\$0	\$5,950	\$0	\$0	\$0	\$0	
\$1,400,000	Bond Premium	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
\$39,530,208	<b>Total</b>	\$39,442,204	\$33,492,204	\$0	\$5,950	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		(\$88,003)	(\$6,038,003)	\$0	\$5,950	\$0	\$0	\$0	\$0	Multi-Yr

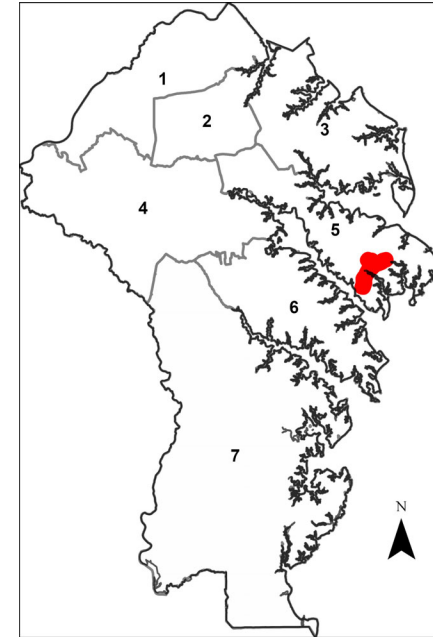
W801200 12" St Marg/Old Mill Bttm

Class: Water

FY2023 Council Approved

**Description**

This project is for design, right of way acquisition and construction of approximately 7,000 linear feet of 12-inch watermain within the 220 Broadneck Service Area. The main will extend along St. Margarets Road from the Amberly WTP to the existing distribution system located on the north side of MD Rte 50 at Old Mill Bottom Road. The project will improve the pressure within the existing distribution system.



**Benefit**

Project will complete loops between the existing 12-inch main on Old Mill Bottom Road North and the proposed 12-inch main in St. Margarets Road,

**Amendment History**

County Council reduced \$1,279,700 via AMD #37 to Bill 29-19.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$324,000	Plans and Engineering	\$324,000	\$324,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$104,000	Land	\$104,000	\$104,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,373,000	Construction	\$6,416,000	\$5,373,000	\$1,043,000	\$0	\$0	\$0	\$0	\$0	\$0
\$287,300	Overhead	\$329,300	\$287,300	\$42,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,088,300	<b>Total</b>	\$7,173,300	\$6,088,300	\$1,085,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,085,000	\$0	\$1,085,000	\$0	\$0	\$0	\$0	\$0	\$0

**W801200 12" St Marg/Old Mill Bttm**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2010      \$4,051,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$3,450,670	\$696,668	\$4,147,338
<b>April 1, 2022</b>	\$4,151,277	\$109,249	\$4,260,527

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$6,088,300	Water Bonds	\$7,173,300	\$6,088,300	\$1,085,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,088,300	<b>Total</b>	\$7,173,300	\$6,088,300	\$1,085,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,085,000	\$0	\$1,085,000	\$0	\$0	\$0	\$0	\$0	\$0

W801400 Crofton Meadows II Exp Ph 2

Class: Water

FY2023 Council Approved

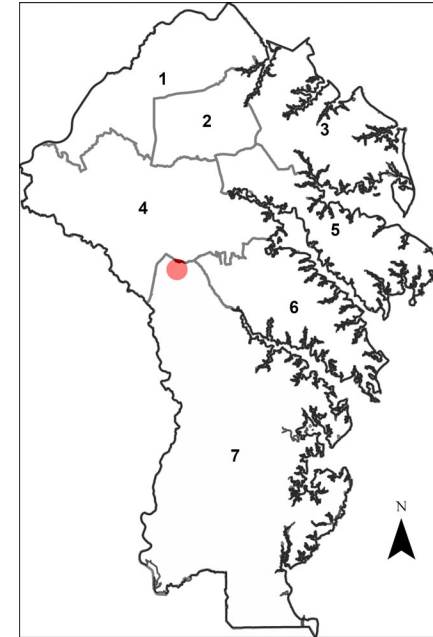
**Description**

This project will provide funding to increase the capacity of the Crofton Meadows II WTP from 15 to 20 MGD by adding additional sedimentation basins, filters and raw water wells. Well field will be increased from 15 to 21.5 MGD. Project will include new raw water isolation valves to allow more operational control of the existing raw water mains to the plant and building modifications and repairs.

**Benefit**

Project will provide increased treatment plant capacity thus increasing water system reliability and reducing reliance on Baltimore City's water supply.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,520,489	Plans and Engineering	\$4,520,489	\$4,520,489	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$382,000	Land	\$382,000	\$382,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$48,271,000	Construction	\$61,194,000	\$11,661,000	\$0	\$26,790	\$22,743	\$0	\$0	\$0	\$0
\$867,861	Overhead	\$2,931,861	\$867,861	\$0	\$1,116	\$948	\$0	\$0	\$0	\$0
\$54,041,350	<b>Total</b>	\$69,028,350	\$17,431,350	\$0	\$27,906	\$23,691	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$14,987,000	\$0	(\$24,624,000)	\$15,920	\$23,691	\$0	\$0	\$0	\$0

**W801400 Crofton Meadows II Exp Ph 2**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope None
4. Change in Timing: Construction shifted to FY24

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

**Initial Total Project Cost Estimate**

FY 2010      \$37,942,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$431,811	\$186,978	\$618,788
<b>April 1, 2022</b>	\$605,586	\$920,519	\$1,526,104

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$54,041,350	Water Bonds	\$69,028,350	\$17,431,350	\$0	\$27,906	\$23,691	\$0	\$0	\$0	\$0
\$54,041,350	<b>Total</b>	\$69,028,350	\$17,431,350	\$0	\$27,906	\$23,691	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$14,987,000	\$0	(\$24,624,000)	\$15,920	\$23,691	\$0	\$0	\$0	\$0



W801600 TM-MD Rte 32 @ Meade

Class: Water

FY2023 Council Approved

**Description**

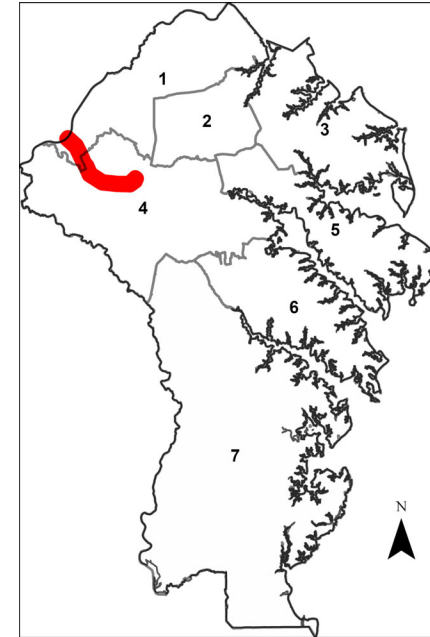
This project provides for the design, right of way acquisition, and construction of approximately 28,000 linear feet of 24-inch water transmission main. Phase I includes approximately 16,200 linear feet of pipeline and extends from the intersection of Brockbridge Road and Guilford Road, along Guilford Road and MD Rte 32 to the intersection of Mapes Road and MD Rte 32. Phase II includes approximately 11,800 linear feet of 24-inch main and extends from Mapes Road, continues along MD Route 32 to the proposed 36-inch transmission main being constructed under Project W-7784.

**Benefit**

Project will improve reliability by providing a looped transmission main. Project will allow flow from the 400 Zone to the 330 Zone and will ultimately be a water source for a future booster pumping station pumping from the 330 Zone and discharging to the 369 Zone and 400 Zone. Project will assist in reducing reliance on the Baltimore City water system.

**Amendment History**

County Council removed \$55k via AMD #115 to Bill 29-15.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,205,972	Plans and Engineering	\$2,205,972	\$2,205,972	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$310,000	Land	\$310,000	\$310,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,136,000	Construction	\$51,361,000	\$25,206,000	\$0	\$0	\$26,155	\$0	\$0	\$0	\$0
\$1,719,119	Overhead	\$1,962,119	\$1,287,119	\$0	\$0	\$675	\$0	\$0	\$0	\$0
\$39,371,091	<b>Total</b>	\$55,839,091	\$29,009,091	\$0	\$0	\$26,830	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$16,468,000	\$0	(\$10,362,000)	\$0	\$26,830	\$0	\$0	\$0	\$0

W801600 TM-MD Rte 32 @ Meade

Class: Water

FY2023 Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: Include other improvements as required to provide secondary supply of water to 369 PZ until project completed.
2. Change in Total Project Cost: Increase based on current estimates.
3. Change in Scope None
4. Change in Timing: Construction funding moved to FY25

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

**Initial Total Project Cost Estimate**

FY 2010 \$14,166,800

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2021</b>	\$817,562	\$91,416	\$908,978
<b>April 1, 2022</b>	\$959,767	\$612,004	\$1,571,771

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$39,371,091	Water Bonds	\$55,839,091	\$29,009,091	\$0	\$0	\$26,830	\$0	\$0	\$0	\$0
\$39,371,091	<b>Total</b>	\$55,839,091	\$29,009,091	\$0	\$0	\$26,830	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$16,468,000	\$0	(\$10,362,000)	\$0	\$26,830	\$0	\$0	\$0	\$0

W801700 Glen Burnie High Zone

Class: Water

FY2023 Council Approved

**Description**

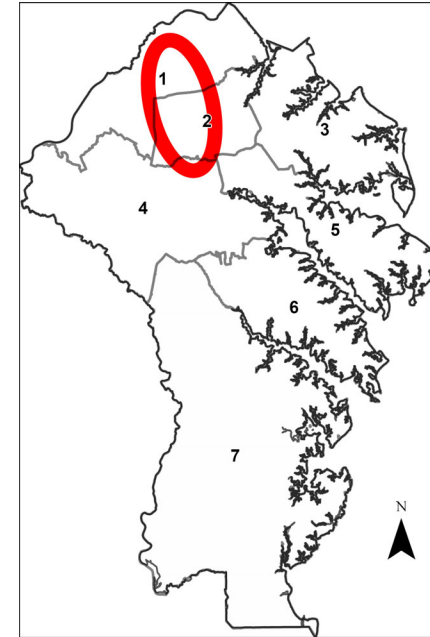
This project provides for the design, right of way acquisition and construction of various watermain improvements within the 295 Glen Burnie High Pressure Zone. These mains will transmit flow, meet fire flow demands and reduce friction loss within the existing distribution system. Project includes the following improvements: \*1,750 linear feet of 12-inch watermain at Quarterfield Road from Sandy Hill Road to the existing main in Quarterfield Road.\* 3,170 linear feet of 12-inch watermain along Hammonds Ferry Road from Oregon Ave to Hammonds Business Park.\* 2,800 linear feet of 8-inch watermain along Oregon Ave to Raynor Ave.\* 2,700 linear feet of 12-inch watermain along Nursery Road.\* 1,860 linear feet of 8-inch watermain along Evelyn Ave.

**Benefit**

Project will complete various looping thus reducing friction losses and increasing flows to meet fire demands.

**Amendment History**

County Council removed \$56k via AMD #79 to Bill 29-15. CC removed \$70k via AMD #75 to Bill 37-18.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$652,982	Plans and Engineering	\$415,914	\$552,214	(\$136,300)	\$0	\$0	\$0	\$0	\$0	\$0
\$33,000	Land	\$33,000	\$33,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,628,739	Construction	\$2,440,800	\$3,252,100	(\$811,300)	\$0	\$0	\$0	\$0	\$0	\$0
\$232,928	Overhead	\$159,947	\$212,347	(\$52,400)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,547,649	<b>Total</b>	\$3,049,661	\$4,049,661	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,497,988)	(\$497,988)	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W801700 Glen Burnie High Zone**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2010      \$5,403,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$3,417,363	\$181,372	\$3,598,735
<b>April 1, 2022</b>	\$2,929,187	\$16,427	\$2,945,614

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$4,547,649	Water Bonds	\$3,049,661	\$4,049,661	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$4,547,649	<b>Total</b>	\$3,049,661	\$4,049,661	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$1,497,988)	(\$497,988)	(\$1,000,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W803300 WTR Infrastr Up/Retro**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds are requested for design and construction to upgrade various water 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 water 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. CC removed \$800k via AMD #39 to Bill 36-17.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$825,138	Plans and Engineering	\$983,234	\$658,234	\$0	\$65	\$65	\$65	\$65	\$65	
\$27,000	Land	\$17,000	\$17,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$9,089,717	Construction	\$7,246,309	\$3,971,309	\$0	\$655	\$655	\$655	\$655	\$655	
\$452,525	Overhead	\$445,203	\$295,203	\$0	\$30	\$30	\$30	\$30	\$30	
(\$83,744)	Other	(\$83,744)	(\$83,744)	\$0	\$0	\$0	\$0	\$0	\$0	
\$10,310,636	<b>Total</b>	\$8,608,002	\$4,858,002	\$0	\$750	\$750	\$750	\$750	\$750	
<b>More (Less) Than Prior Year Program:</b>		(\$1,702,634)	(\$402,634)	(\$1,675,000)	(\$375)	\$0	\$0	\$0	\$750	Multi-Yr

W803300 WTR Infrastr Up/Retro

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: FY23 request decreased based on current estimate, Added FY28 Funding
3. Change in Scope None
4. Change in Timing: None

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2010 \$4,500,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2021	\$976,698	\$509,342	\$1,486,040
April 1, 2022	\$984,925	\$1,512,213	\$2,497,138

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$9,610,636	Water Bonds	\$8,108,002	\$4,358,002	\$0	\$750	\$750	\$750	\$750	\$750	
\$700,000	Bond Premium	\$500,000	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$10,310,636	<b>Total</b>	\$8,608,002	\$4,858,002	\$0	\$750	\$750	\$750	\$750	\$750	
<b>More (Less) Than Prior Year Program:</b>		(\$1,702,634)	(\$402,634)	(\$1,675,000)	(\$375)	\$0	\$0	\$0	\$750	Multi-Yr

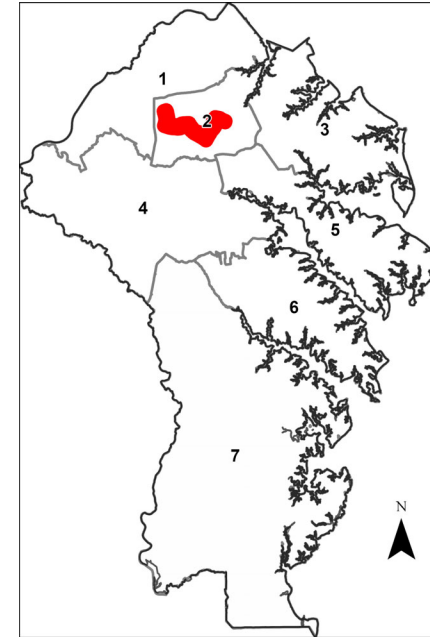
W803600 East/West TM - North

Class: Water

FY2023 Council Approved

**Description**

Funds are requested for the design, right of way acquisition and construction of a water transmission main that will transfer water in an easterly-westerly direction in the northern part of Anne Arundel County. Generally, the transmission network will provide improved distribution system conveyance between the Glen Burnie High and Glen Burnie Low Service Areas, while providing a source of supply for pumpage to higher pressure zones in the western part of the County.



**Benefit**

The project will improve the County's distribution system, allowing conveyance of water between service zones during periods of peak demands. The project when completed will also improve reliability and redundancy.

**Amendment History**

County Council removed \$385k via AMD #49 to Bill 29-15. County Council removed \$310k via AMD #116 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$5,042,142	Plans and Engineering	\$8,543,142	\$5,042,142	\$1,750,000	\$1,751	\$0	\$0	\$0	\$0	\$0
\$420,000	Land	\$961,000	\$420,000	\$270,000	\$271	\$0	\$0	\$0	\$0	\$0
\$50,506,000	Construction	\$48,626,000	\$12,756,000	\$0	\$5,670	\$7,550	\$7,550	\$7,550	\$7,550	\$0
\$3,165,271	Overhead	\$3,105,271	\$915,271	\$82,000	\$308	\$450	\$450	\$450	\$450	\$0
\$59,133,413	<b>Total</b>	\$61,235,413	\$19,133,413	\$2,102,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0
<b>More (Less) Than Prior Year Program:</b>		\$2,102,000	\$0	(\$5,898,000)	\$0	\$0	\$0	\$0	\$8,000	\$0

**W803600 East/West TM - North**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Added FY28 funding.
3. Change in Scope None
4. Change in Timing: Moved up construction timing to FY25

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 2010      \$19,593,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$570,398	\$346,616	\$917,014
<b>April 1, 2022</b>	\$836,272	\$388,594	\$1,224,866

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$59,133,413	Water Bonds	\$61,235,413	\$19,133,413	\$2,102,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0
\$59,133,413	<b>Total</b>	\$61,235,413	\$19,133,413	\$2,102,000	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$0
<b>More (Less) Than Prior Year Program:</b>		\$2,102,000	\$0	(\$5,898,000)	\$0	\$0	\$0	\$0	\$8,000	\$0



**W804000 Broad Creek WTP Exp**

**Class: Water**

**FY2023 Council Approved**

**Description**

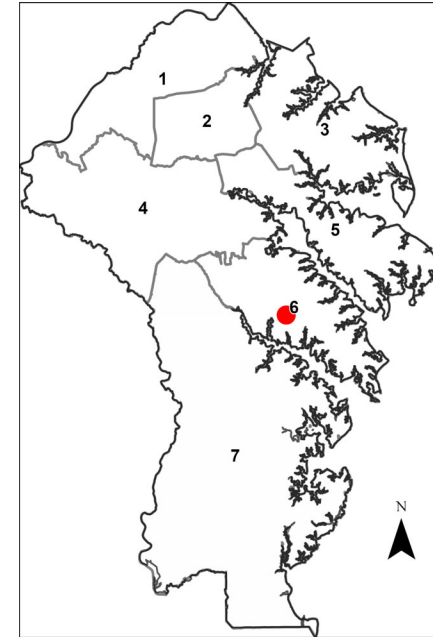
Funds are requested for the planning, design, right of way acquisition and construction to expand the Broad Creek WTP capacity to 8 million gallons per day, provide new raw water supply and new production wells. Subsequent to completing construction and commissioning of the Broad Creek WTP expansion described above, this project will fund the design and construction necessary to upgrade the existing facility.

**Benefit**

Expansion of treatment capacity to meet future growth and upgrade of the original water treatment processes to maintain treatment plant performance and reliability.

**Amendment History**

County Council removed \$95k via AMD #50 to Bill 29-15, \$245k via AMD #38 to Bill 37-18, \$451k via AMD #38 to Bill 29-19.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,086,920	Plans and Engineering	\$3,086,920	\$3,086,920	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$275,000	Land	\$275,000	\$275,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$35,437,762	Construction	\$37,837,762	\$35,437,762	\$0	\$2,400	\$0	\$0	\$0	\$0	\$0
\$1,602,883	Overhead	\$1,704,883	\$1,602,883	\$0	\$102	\$0	\$0	\$0	\$0	\$0
\$40,402,565	<b>Total</b>	\$42,904,565	\$40,402,565	\$0	\$2,502	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$2,502,000	\$0	\$0	\$2,502	\$0	\$0	\$0	\$0	\$0

**W804000 Broad Creek WTP Exp**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2009      \$25,839,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$12,927,927	\$10,261,629	\$23,189,556
<b>April 1, 2022</b>	\$16,057,505	\$6,114,606	\$22,172,111

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$40,402,565	Water Bonds	\$42,904,565	\$40,402,565	\$0	\$2,502	\$0	\$0	\$0	\$0	\$0
\$40,402,565	<b>Total</b>	\$42,904,565	\$40,402,565	\$0	\$2,502	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$2,502,000	\$0	\$0	\$2,502	\$0	\$0	\$0	\$0	\$0

**W804200 Withernsea WTP**

**Class: Water**

**FY2023 Council Approved**

**Description**

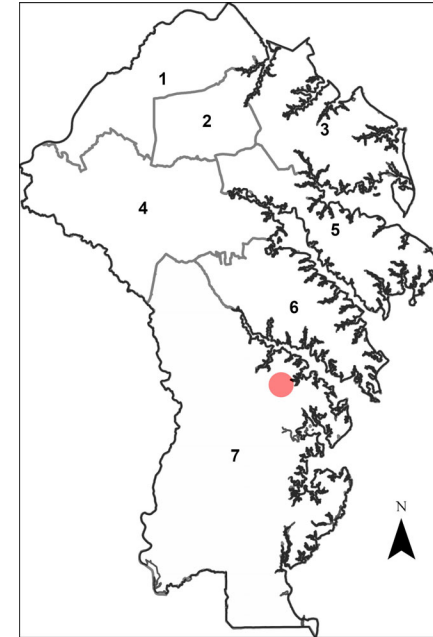
Funds are requested for the planning, design, right of way acquisition and construction for a new water treatment plant with a 5.0 million gallon per day capacity. Project includes treatment facility, water production wells, water booster pump station, raw water transmission mains and appurtenances to serve the Broad Creek 210 pressure zone.

**Benefit**

Expanded capacity to meet growth projections and improve operational reliability.

**Amendment History**

CC removed \$546k via AMD #40 to Bill 36-17.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$98,000	Plans and Engineering	\$98,000	\$98,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$232,000	Land	\$229,600	\$232,000	(\$2,400)	\$0	\$0	\$0	\$0	\$0	\$0
\$16,000	Overhead	\$15,500	\$16,000	(\$500)	\$0	\$0	\$0	\$0	\$0	\$0
\$346,000	<b>Total</b>	\$343,100	\$346,000	(\$2,900)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$2,900)	\$0	(\$2,900)	\$0	\$0	\$0	\$0	\$0	\$0

**W804200 Withernsea WTP**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2009      \$60,471,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$343,087	\$2,423	\$345,510
<b>April 1, 2022</b>	\$343,087		

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$346,000	Water Bonds	\$343,100	\$346,000	(\$2,900)	\$0	\$0	\$0	\$0	\$0	\$0
\$346,000	<b>Total</b>	\$343,100	\$346,000	(\$2,900)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$2,900)	\$0	(\$2,900)	\$0	\$0	\$0	\$0	\$0	\$0

**W804300 New Cut WTP**

**Class: Water**

**FY2023 Council Approved**

**Description**

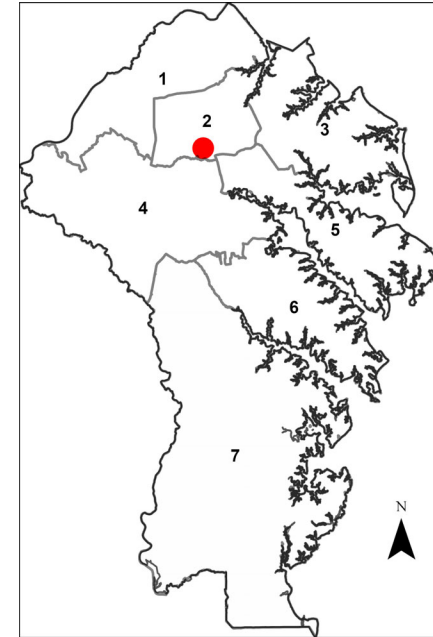
Funds are requested for planning and siting studies to support the design, right of way acquisition and construction of a new water treatment plant to serve the Glen Burnie High Zone. The new facility will provide additional capacity to support future growth and is intended to replace/supplement the Dorsey WTP.

**Benefit**

Provides additional treatment capacity to meet both existing and future domestic water demands, as well as, fire flow.

**Amendment History**

CC removed \$1m via AMD #41 to Bill 36-17.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$254,000	Plans and Engineering	\$300,000	\$254,000	\$46,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,281,000	Land	\$1,398,000	\$1,281,000	\$117,000	\$0	\$0	\$0	\$0	\$0	\$0
\$61,000	Overhead	\$69,000	\$61,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,596,000	<b>Total</b>	\$1,767,000	\$1,596,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$171,000	\$0	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0

**W804300 New Cut WTP**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2009            \$116,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$128,072	\$154,065	\$282,137
<b>April 1, 2022</b>	\$159,183	\$137,598	\$296,781

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$1,596,000	Water Bonds	\$1,767,000	\$1,596,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,596,000	<b>Total</b>	\$1,767,000	\$1,596,000	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$171,000	\$0	\$171,000	\$0	\$0	\$0	\$0	\$0	\$0

**W804500 North Co Water Dist Imp**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

This project provides engineering, land acquisition and construction funding for the design and construction of approximately 10,800 linear feet of water main installations at various locations within Northern Anne Arundel County for improvement of water delivery to customers.

**Location**

**Countywide**

**Benefit**

The project will provide system reliability enhancements by improving reliability to meet domestic and fire flow demands, as well as, system expansion.

**Amendment History**

County Council removed \$135k via AMD #51 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$445,529	Plans and Engineering	\$445,529	\$445,529	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$11,000	Land	\$11,000	\$11,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,269,263	Construction	\$1,261,763	\$1,269,263	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0
\$45,776	Overhead	\$45,776	\$45,776	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,771,567	<b>Total</b>	\$1,764,067	\$1,771,567	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$7,500)	\$0	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0

**W804500 North Co Water Dist Imp**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2011          \$7,189,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$1,555,597	\$191,872	\$1,747,468
<b>April 1, 2022</b>	\$1,705,321	\$56,938	\$1,762,260

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$1,771,567	Water Bonds	\$1,764,067	\$1,771,567	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0
\$1,771,567	<b>Total</b>	\$1,764,067	\$1,771,567	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$7,500)	\$0	(\$7,500)	\$0	\$0	\$0	\$0	\$0	\$0



**W805000 Water Fac Emerg Generators**

**Class: Water**

**FY2023 Council Approved**

**Description**

This multi-year project provides funding for the design and construction of new and replacement generator installations at water treatment plants, water booster pumping stations, water production wells and other water related facilities located throughout the County. Generator installations will include generator, fuel storage, automatic transfer switches, sound attenuation and necessary electrical components/wiring, as well as, associated alterations to address code compliance issues.

**Location**

**Countywide**

**Benefit**

Generators provide a back up power source for water production and transmission facilities in the event of primary power failures. The supplemental power source will allow the utility to meet domestic and fire water demands in the event of extended power outages.

**Amendment History**

County Council removed \$45k via AMD #80 to Bill 29-15, \$45k/year in FYs17-20 via AMD #117 to Bill 29-15, \$160k via AMD #39 to Bill 37-18, and deferred \$1,172k from FY20 & FY21 to FY22 via AMD #39 & 40 to Bill 29-19.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$819,803	Plans and Engineering	\$819,803	\$819,803	\$0	\$0	\$0	\$0	\$0	\$0	
\$30,000	Land	\$30,000	\$30,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$9,585,194	Construction	\$10,307,194	\$7,145,194	\$3,162,000	\$0	\$0	\$0	\$0	\$0	
\$438,394	Overhead	\$464,394	\$438,394	\$26,000	\$0	\$0	\$0	\$0	\$0	
\$10,873,390	<b>Total</b>	\$11,621,390	\$8,433,390	\$3,188,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$748,000	\$0	\$748,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W805000 Water Fac Emerg Generators**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Increased due to added contracts
3. Change in Scope None
4. Change in Timing: None

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2014      \$9,077,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$671,999	\$1,645,625	\$2,317,624
<b>April 1, 2022</b>	\$1,346,573	\$1,507,887	\$2,854,460

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$8,108,390	Water Bonds	\$8,856,390	\$5,668,390	\$3,188,000	\$0	\$0	\$0	\$0	\$0	
\$2,765,000	Other Fed Grants	\$2,765,000	\$2,765,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$10,873,390	<b>Total</b>	\$11,621,390	\$8,433,390	\$3,188,000	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$748,000	\$0	\$748,000	\$0	\$0	\$0	\$0	\$0	Multi-Yr

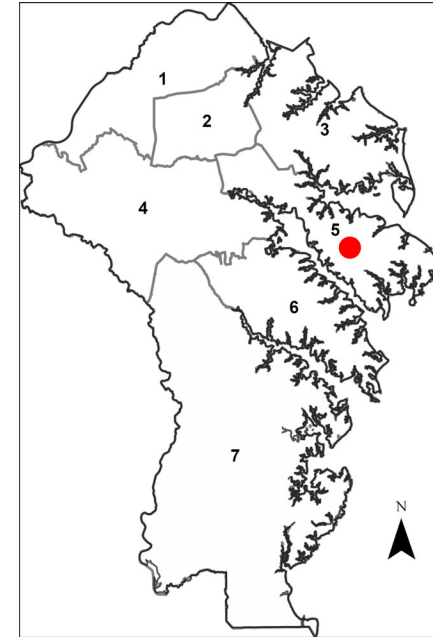
**W805500 Arnold Lime System Upgrade**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project includes the upgrade of the lime handling and feed system to meet the demands of the upgraded 16-mgd facility and the regulatory requirements mandated by the Environmental Protection Agency and the Maryland Department of the Environment. The project also includes concrete repairs to the facility's clarifiers and the design and construction of a catwalk between the facility's process tanks.



**Benefit**

The project work will provide lime handling and feed system sized appropriately to meet the process capacity of the facility and will improve overall efficiency of operation.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$272,000	Plans and Engineering	\$272,000	\$272,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,146,321	Construction	\$6,626,321	\$6,146,321	\$480,000	\$0	\$0	\$0	\$0	\$0	\$0
\$374,868	Overhead	\$394,868	\$374,868	\$20,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,798,190	<b>Total</b>	\$7,298,190	\$6,798,190	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0

**W805500 Arnold Lime System Upgrade**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2017      \$6,129,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$661,852	\$5,563,460	\$6,225,312
<b>April 1, 2022</b>	\$5,938,304	\$749,002	\$6,687,306

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$6,798,190	Water Bonds	\$7,298,190	\$6,798,190	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
\$6,798,190	<b>Total</b>	\$7,298,190	\$6,798,190	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$500,000	\$0	\$0	\$0	\$0	\$0	\$0

**W805600 Dorsey Lime System Upgrade**

**Class: Water**

**FY2023 Council Approved**

**Description**

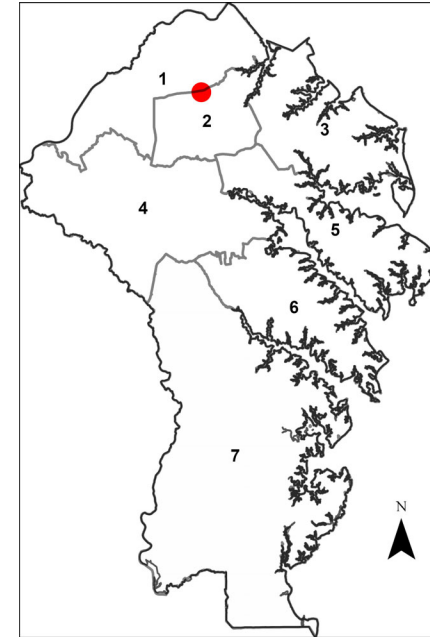
The purpose of this project is to design and construct several process system upgrades to maintain reliable operation of the facility's treatment components including the lime system volumetric control system, mixers, silo activators, lime pump control system, and the lime feed lines inside the process building as well as those delivering lime to the outdoor application points.

**Benefit**

The improvements are necessary to upgrade/rehabilitate facility infrastructure to extend the lime system operating life and to maintain efficient treatment operations.

**Amendment History**

County Council reduced \$196k via AMD #41 to Bill 29-19.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$416,000	Plans and Engineering	\$416,000	\$416,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,016,000	Construction	\$2,817,700	\$3,016,000	(\$198,300)	\$0	\$0	\$0	\$0	\$0	\$0
\$27,000	Overhead	\$25,300	\$27,000	(\$1,700)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,464,000	<b>Total</b>	\$3,264,000	\$3,464,000	(\$200,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$200,000)	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W805600 Dorsey Lime System Upgrade**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2017      \$3,120,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$249,163	\$56,987	\$306,150
<b>April 1, 2022</b>	\$275,985	\$1,755,814	\$2,031,799

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,464,000	Water Bonds	\$3,264,000	\$3,464,000	(\$200,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$3,464,000	<b>Total</b>	\$3,264,000	\$3,464,000	(\$200,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$200,000)	\$0	(\$200,000)	\$0	\$0	\$0	\$0	\$0	\$0

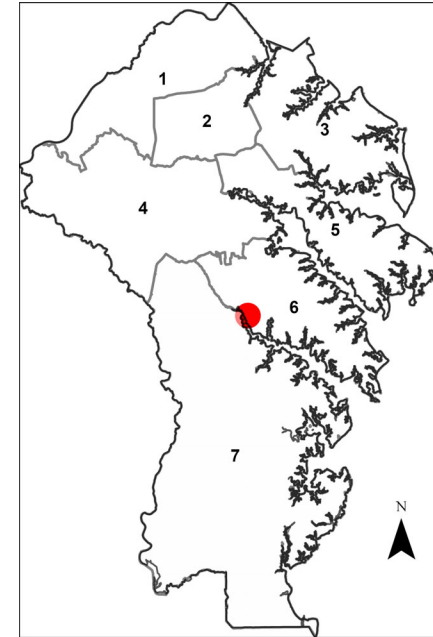
**W805700 Heritage Harbor Wtr Takeover**

**Class: Water**

**FY2023 Council Approved**

**Description**

Project includes Design, Right-of-way acquisition, and construction of water improvements based on a valid petition for approximately 106 units. The project is located in the Heritage Harbor sections of Crest Cove, Misty Ridge Cove, North Haven Cove, Point Lookout Cove, Quiet Waters Cove, and Twin Landings Cove.



**Benefit**

The Heritage Harbor sections of Crest Cove, Misty Ridge Cove, North Haven Cove, Point Lookout Cove, Quiet Waters Cove, and Twin Landings Cove have requested through petition that DPW takeover and maintain their existing private water system.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$182,000	Plans and Engineering	\$284,000	\$182,000	\$102,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,000	Land	\$1,000	\$3,000	(\$2,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,250,500	Construction	\$1,769,500	\$2,250,500	(\$481,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$97,000	Overhead	\$82,000	\$97,000	(\$15,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,532,500	<b>Total</b>	\$2,136,500	\$2,532,500	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$396,000)	\$0	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W805700 Heritage Harbor Wtr Takeover**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2018          \$1,242,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$138,158	\$111,776	\$249,934
<b>April 1, 2022</b>	\$148,961	\$106,551	\$255,512

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$2,532,500	Water Bonds	\$2,136,500	\$2,532,500	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$2,532,500	<b>Total</b>	\$2,136,500	\$2,532,500	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$396,000)	\$0	(\$396,000)	\$0	\$0	\$0	\$0	\$0	\$0



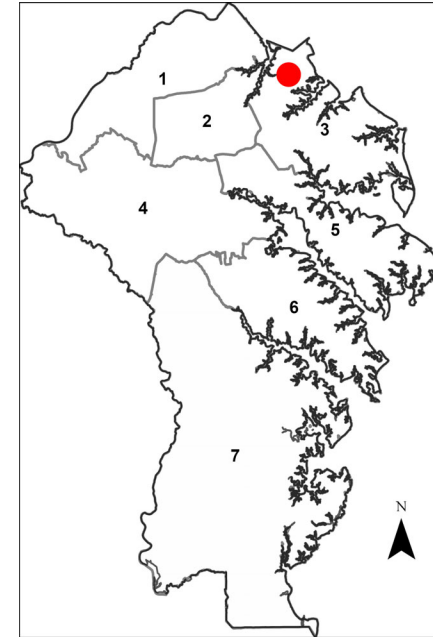
**W806200 Tanyard Springs Lane WM Ext**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is for the design, right of way acquisition, and construction of approximately 1,500 LF of 12" water main from the existing main at the end of Tanyard Springs Lane to Solley Road. This contract is in conjunction with H566901.



**Benefit**

This project will complete a dead end water main, improve reliability, and increase available fire flow in the surrounding area.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$60,000	Plans and Engineering	\$46,000	\$60,000	(\$14,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,000	Land	(\$24,000)	\$8,000	(\$32,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$514,000	Construction	\$214,000	\$514,000	(\$300,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$25,000	Overhead	\$13,000	\$25,000	(\$12,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$607,000	<b>Total</b>	\$249,000	\$607,000	(\$358,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$358,000)	\$0	(\$358,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W806200 Tanyard Springs Lane WM Ext**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Decrease due to actual project costs
3. Change in Scope None
4. Change in Timing: None

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2019            \$296,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$3,138	\$208,261	\$211,399
<b>April 1, 2022</b>	\$150,732	\$33,816	\$184,548

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$607,000	Water Bonds	\$249,000	\$607,000	(\$358,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$607,000	<b>Total</b>	\$249,000	\$607,000	(\$358,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$358,000)	\$0	(\$358,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W806300 Water Meter Replace/Upgrade**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

This is a multi-year project to support the replacement and upgrade of aging water meters. The project anticipates an annual replacement of approximately 5,500 meters from the total inventory of 142,000 metered accounts.

**Location**

**Countywide**

**Benefit**

Meter replacements will minimize revenue losses associated with the reduced accuracy of older meters. In addition, replacements of older meters with automatic meter reading technology will enable more accurate and efficient collection of information.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$28,465,000	Construction	\$35,061,355	\$10,130,355	\$2,468,000	\$4,728	\$4,917	\$5,113	\$5,318	\$2,387	
\$1,156,000	Overhead	\$1,425,739	\$426,739	\$103,000	\$189	\$196	\$204	\$212	\$95	
\$29,621,000	<b>Total</b>	\$36,487,094	\$10,557,094	\$2,571,000	\$4,917	\$5,113	\$5,317	\$5,530	\$2,482	
<b>More (Less) Than Prior Year Program:</b>		\$6,866,094	(\$238,906)	(\$974,000)	\$1,558	\$1,339	\$1,354	\$1,346	\$2,482	Multi-Yr

**W806300 Water Meter Replace/Upgrade**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2019      \$11,160,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$6,113,189	\$49,500	\$6,162,689
<b>April 1, 2022</b>	\$6,823,816	\$1,539,052	\$8,362,868

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$23,733,000	Water Bonds	\$30,599,094	\$5,869,094	\$2,571,000	\$4,917	\$4,813	\$5,017	\$5,230	\$2,182	
\$2,684,000	Water PayGo	\$2,684,000	\$1,484,000	\$0	\$0	\$300	\$300	\$300	\$300	
\$3,204,000	Bond Premium	\$3,204,000	\$3,204,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$29,621,000	<b>Total</b>	\$36,487,094	\$10,557,094	\$2,571,000	\$4,917	\$5,113	\$5,317	\$5,530	\$2,482	
<b>More (Less) Than Prior Year Program:</b>		\$6,866,094	(\$238,906)	(\$974,000)	\$1,558	\$1,339	\$1,354	\$1,346	\$2,482	Multi-Yr

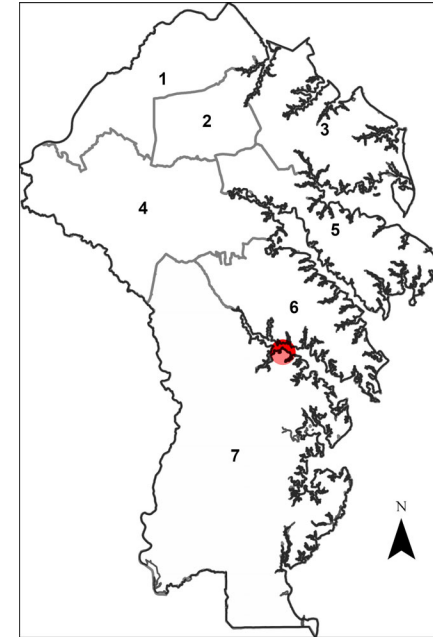
**W806400 Edgewater Beach Water**

**Class: Water**

**FY2023 Council Approved**

**Description**

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



**Benefit**

Will provide public water to the Edgewater Beach Community

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$423,000	Plans and Engineering	\$423,000	\$423,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,537,200	Construction	\$6,253,000	\$0	\$0	\$0	\$6,253	\$0	\$0	\$0	\$0
\$21,000	Overhead	\$281,000	\$21,000	\$0	\$0	\$260	\$0	\$0	\$0	\$0
\$4,981,200	<b>Total</b>	\$6,957,000	\$444,000	\$0	\$0	\$6,513	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,975,800	\$0	(\$4,537,200)	\$0	\$6,513	\$0	\$0	\$0	\$0

W806400 Edgewater Beach Water

Class: Water

FY2023

Council Approved

**Project Status**

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

**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: Shifted construction to FY25

Estimated Operating Budget Impact: Indeterminate

**Initial Total Project Cost Estimate**

FY 2019 \$5,123,000

**Financial Activity**

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

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,981,200	Water Bonds	\$6,957,000	\$444,000	\$0	\$0	\$6,513	\$0	\$0	\$0	\$0
\$4,981,200	<b>Total</b>	\$6,957,000	\$444,000	\$0	\$0	\$6,513	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,975,800	\$0	(\$4,537,200)	\$0	\$6,513	\$0	\$0	\$0	\$0

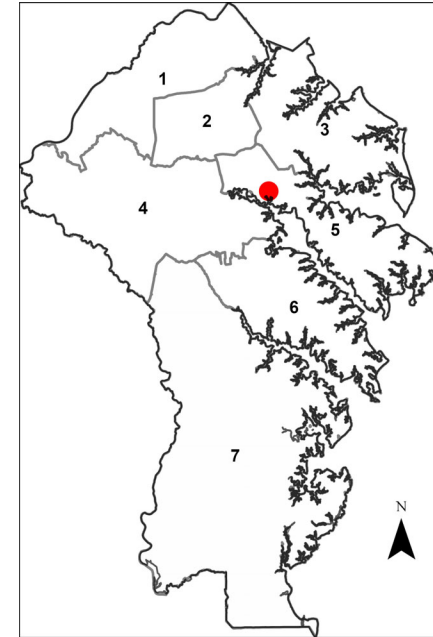
**W808900 Severndale WTP Filter Rehab**

**Class: Water**

**FY2023 Council Approved**

**Description**

Remove and replace original underdrain system of the existing filters for the Water Treatment Plant.



**Benefit**

This will improve the efficiency of the Water Treatment Plant, improve water quality and reduce excess backwashing.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$767,000	Plans and Engineering	\$242,000	\$767,000	(\$525,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$7,230,000	Construction	\$4,870,000	\$7,230,000	(\$2,360,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$320,000	Overhead	\$205,000	\$320,000	(\$115,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,317,000	<b>Total</b>	\$5,317,000	\$8,317,000	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$3,000,000)	\$0	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W808900 Severndale WTP Filter Rehab**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2020      \$8,317,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$98,996	\$78,975	\$177,970
<b>April 1, 2022</b>	\$154,182	\$53,622	\$207,805

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$8,317,000	Water Bonds	\$5,317,000	\$8,317,000	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
\$8,317,000	<b>Total</b>	\$5,317,000	\$8,317,000	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$3,000,000)	\$0	(\$3,000,000)	\$0	\$0	\$0	\$0	\$0	\$0



**W809100 AMI Water Meter Program**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project will provide funds for design, construction, and implementation of Advanced Metering Infrastructure System. Initial phase of the project will include design and engineering of software architectural and system infrastructure. The project will be a multi-phase implementation project.

**Benefit**

Automated water meter infrastructure will provide a more enhanced data collection system with improved efficiencies and improved customer interactions.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,790,400	Plans and Engineering	\$4,093,400	\$2,790,400	\$1,303,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	Land	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$19,088,000	Construction	\$48,556,800	\$0	\$10,028,000	\$9,632	\$9,632	\$9,632	\$9,632	\$0	\$0
\$875,600	Overhead	\$1,733,800	\$125,600	\$25,000	\$396	\$396	\$396	\$396	\$0	\$0
\$22,754,000	<b>Total</b>	\$54,384,000	\$2,916,000	\$11,356,000	\$10,028	\$10,028	\$10,028	\$10,028	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$31,630,000	\$0	(\$8,482,000)	\$10,028	\$10,028	\$10,028	\$10,028	\$0	\$0

W809100 AMI Water Meter Program

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2021      \$2,916,000

**Financial Activity**

Expended	Encumbered	Total
		<b>April 1, 2021</b>
	\$8,944	
		<b>April 1, 2022</b>
\$562,010	\$1,062,106	\$1,624,116

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$22,754,000	Water Bonds	\$44,384,000	\$2,916,000	\$11,356,000	\$5,028	\$5,028	\$10,028	\$10,028	\$0	\$0
	Other State Grants	\$10,000,000	\$0	\$0	\$5,000	\$5,000	\$0	\$0	\$0	\$0
\$22,754,000	<b>Total</b>	\$54,384,000	\$2,916,000	\$11,356,000	\$10,028	\$10,028	\$10,028	\$10,028	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$31,630,000	\$0	(\$8,482,000)	\$10,028	\$10,028	\$10,028	\$10,028	\$0	\$0

**W809600 Arnold WTP Upgrades**

**Class: Water**

**FY2023 Council Approved**

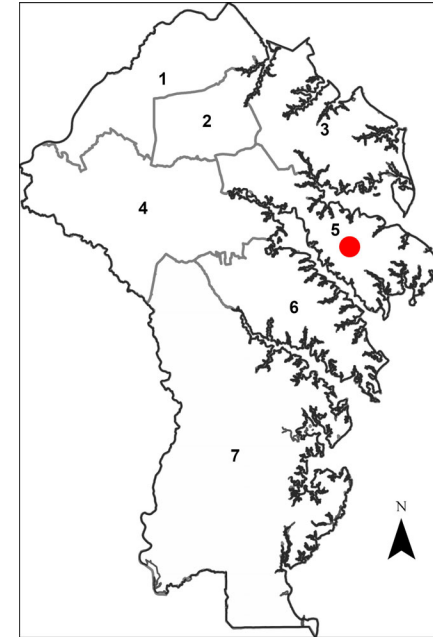
**Description**

Funds are requested for the design, construction, and inspection of a new administration building and maintenance building at the Arnold WTP. This project will also include an upgrade to the existing process control system and related SCADA system improvements, and upgrades to the facilities' fires alarm system as needed.

**Benefit**

This project will increase operational efficiency by allowing Team Managers to be more centrally located to the facilities in their area of responsibility. Relocation of personnel from Millersville will also assist in alleviating space constraints at the Millersville location. Improvements to the fire alarm system will improve facility safety.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$337,000	Plans and Engineering	\$361,000	\$337,000	\$24,000	\$0	\$0	\$0	\$0	\$0	\$0
\$3,435,000	Construction	\$3,933,000	\$0	\$0	\$3,933	\$0	\$0	\$0	\$0	\$0
\$150,000	Overhead	\$172,000	\$13,000	\$0	\$159	\$0	\$0	\$0	\$0	\$0
\$3,922,000	<b>Total</b>	\$4,466,000	\$350,000	\$24,000	\$4,092	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$544,000	\$0	(\$3,548,000)	\$4,092	\$0	\$0	\$0	\$0	\$0

**W809600 Arnold WTP Upgrades**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:**

**Initial Total Project Cost Estimate**

FY 2022      \$3,922,000

**Financial Activity**

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

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,922,000	Water Bonds	\$4,466,000	\$350,000	\$24,000	\$4,092	\$0	\$0	\$0	\$0	\$0
\$3,922,000	<b>Total</b>	\$4,466,000	\$350,000	\$24,000	\$4,092	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$544,000	\$0	(\$3,548,000)	\$4,092	\$0	\$0	\$0	\$0	\$0

W809700 Crofton Meadows WTP Bldg Imp

Class: Water

FY2023 Council Approved

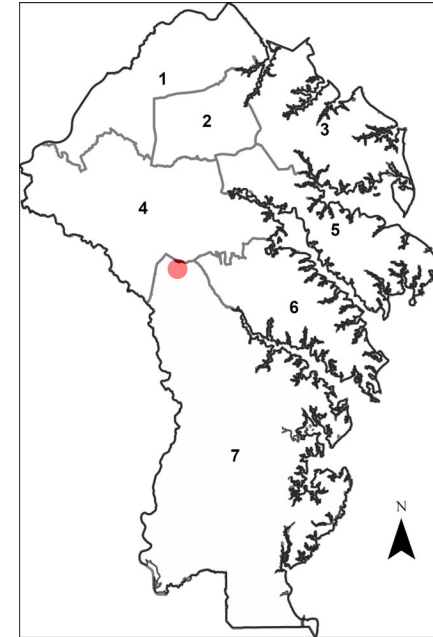
**Description**

Funds are requested for the design, construction, and inspection of a new administration building and maintenance building at the Arnold WTP. This project will also include an upgrade to the existing process control system and related SCADA system improvements, and upgrades to the facilities' fires alarm system as needed, and provisions of new air conditioning and dehumidification equipment at the high lift and low lift pumping stations.

**Benefit**

This project will increase operational efficiency by allowing Team Managers to be more centrally located to the facilities in their area of responsibility. Relocation of personnel from Millersville will also assist in alleviating space constraints at the Millersville location. Improvements to the fire alarm system will improve facility safety, and provision of air conditioning equipment in high lift and low lift stations will mitigate the condensation and corrosion occurring on process equipment.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$240,000	Plans and Engineering	\$240,000	\$240,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,413,000	Construction	\$1,931,000	\$0	\$1,931,000	\$0	\$0	\$0	\$0	\$0	\$0
\$107,000	Overhead	\$88,000	\$11,000	\$77,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,760,000	<b>Total</b>	\$2,259,000	\$251,000	\$2,008,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$501,000)	\$0	(\$501,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W809700 Crofton Meadows WTP Bldg Imp**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:**

**Initial Total Project Cost Estimate**

FY 2022      \$2,760,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2021	\$0	\$0
April 1, 2022	\$354	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,760,000	Water Bonds	\$2,259,000	\$251,000	\$2,008,000	\$0	\$0	\$0	\$0	\$0	\$0
\$2,760,000	<b>Total</b>	\$2,259,000	\$251,000	\$2,008,000	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$501,000)	\$0	(\$501,000)	\$0	\$0	\$0	\$0	\$0	\$0

**W809800 Dorsey WTP Improvements**

**Class: Water**

**FY2023 Council Approved**

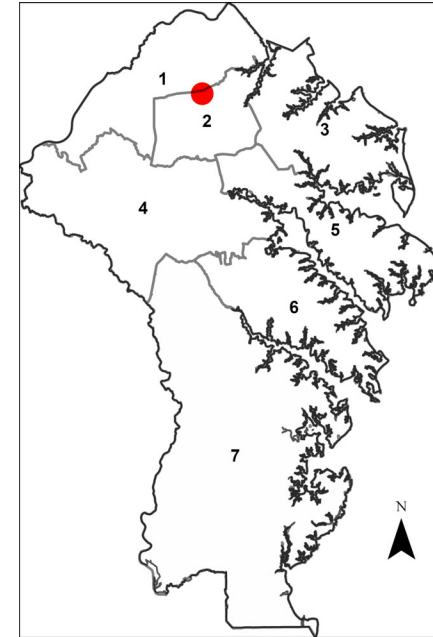
**Description**

Funds are requested for the design, construction, and inspection of a new administration building and maintenance building at the Dorsey WTP. This project will also include related process control system and SCADA system improvements, upgrades to the facility's fire alarm system as needed, and painting and repair of structures and equipment throughout the facility.

**Benefit**

This project will increase operational efficiency by allowing Team Managers to be more centrally located to the facilities in their area of responsibility. The additional maintenance area should also allow simpler maintenance activities to be performed in a more central location relative to the service region. Relocation of personnel and equipment from Millersville will also assist in alleviating space constraints at the Millersville locations.

**Amendment History**



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$129,000	Plans and Engineering	\$205,000	\$129,000	\$76,000	\$0	\$0	\$0	\$0	\$0	\$0
\$1,201,000	Construction	\$2,579,000	\$0	\$0	\$0	\$2,579	\$0	\$0	\$0	\$0
\$53,000	Overhead	\$111,000	\$5,000	\$0	\$0	\$106	\$0	\$0	\$0	\$0
\$1,383,000	<b>Total</b>	\$2,895,000	\$134,000	\$76,000	\$0	\$2,685	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,512,000	\$0	(\$1,173,000)	\$0	\$2,685	\$0	\$0	\$0	\$0

**W809800 Dorsey WTP Improvements**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: Increase based on current estimate
3. Change in Scope None
4. Change in Timing: Shifted construction to FY25 to coordinate with other projects at the plant

**Estimated Operating Budget Impact:**

**Initial Total Project Cost Estimate**

FY 2022      \$1,383,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$0	\$0	\$0
<b>April 1, 2022</b>	\$5,046	\$90,547	\$95,593

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$1,383,000	Water Bonds	\$2,895,000	\$134,000	\$76,000	\$0	\$2,685	\$0	\$0	\$0	\$0
\$1,383,000	<b>Total</b>	\$2,895,000	\$134,000	\$76,000	\$0	\$2,685	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$1,512,000	\$0	(\$1,173,000)	\$0	\$2,685	\$0	\$0	\$0	\$0



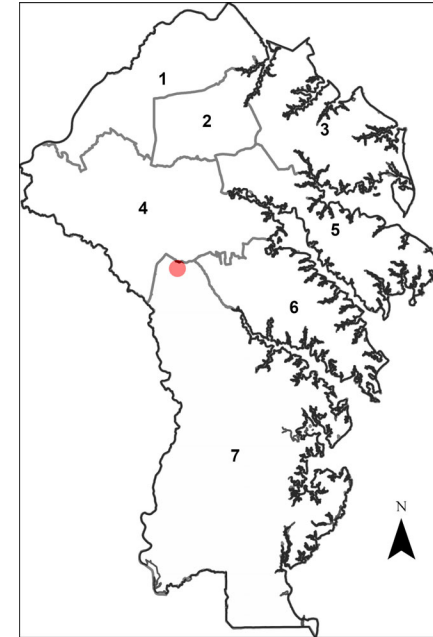
**W810400 Crofton Meadows WTP Rehab**

**Class: Water**

**FY2023 Council Approved**

**Description**

Funds are requested for the design, construction, and inspection of rehabilitation of the existing process treatment trains at the Crofton Meadows WTP. Work shall include repair, rehabilitation, and replacement of process components, including mechanical, electrical, instrumentation and control, and other supporting components.



**Benefit**

This project will replace aging critical components of the water treatment plant to maintain operational effectiveness and minimize disruption to operations.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
	Plans and Engineering	\$591,000	\$0	\$591,000	\$0	\$0	\$0	\$0	\$0	\$0
	Construction	\$4,407,000	\$0	\$0	\$4,407	\$0	\$0	\$0	\$0	\$0
	Overhead	\$200,000	\$0	\$200,000	\$0	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$5,198,000	\$0	\$791,000	\$4,407	\$0	\$0	\$0	\$0	\$0
	<b>More (Less) Than Prior Year Program:</b>	\$5,198,000	\$0	\$791,000	\$4,407	\$0	\$0	\$0	\$0	\$0

**W810400 Crofton Meadows WTP Rehab**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:**

**Initial Total Project Cost Estimate**

FY 0                      \$0

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$0	\$0	\$0
<b>April 1, 2022</b>	\$0	\$0	\$0

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
	Water Bonds	\$5,198,000	\$0	\$791,000	\$4,407	\$0	\$0	\$0	\$0	\$0
\$0	<b>Total</b>	\$5,198,000	\$0	\$791,000	\$4,407	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$5,198,000	\$0	\$791,000	\$4,407	\$0	\$0	\$0	\$0	\$0

**X733700 Water Main Repl/Recon**

**Class: Water**

**FY2023 Council Approved**

**Description**

This is a multi-year Water Infrastructure Investigation, Rehabilitation and Replacement Program. Numerous complaints of low pressure and dirty water 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. This is an ongoing program to replace 2" and 3" water mains and to rehabilitate or replace deteriorating 4" and larger water mains. Studies of the distribution network are also included in this project.

**Location**

**Countywide**

**Benefit**

To ensure the adequacy of the county's water distribution system.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. Added \$2,000,000 via AMD #25 to Bill 23-14. Removed \$5m via AMD #19 to Bill 23-14. County Council removed \$250k via AMD #152 and added \$1,930,000 via AMD #190 and added \$1,680,000/year for FTs 17-21 via AMD #201 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$1,498,308)	Plans and Engineering	(\$1,498,308)	(\$1,498,308)	\$0	\$0	\$0	\$0	\$0	\$0	
\$6,885	Land	\$6,885	\$6,885	\$0	\$0	\$0	\$0	\$0	\$0	
(\$31,013,273)	Construction	(\$31,380,430)	(\$31,380,430)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$1,641,347)	Overhead	(\$1,654,793)	(\$1,654,793)	\$0	\$0	\$0	\$0	\$0	\$0	
‡148,307,987	Other	‡160,507,987	\$87,307,987	\$12,200,000	\$12,200	\$12,200	\$12,200	\$12,200	\$12,200	
‡114,161,943	<b>Total</b>	‡125,981,340	\$52,781,340	\$12,200,000	\$12,200	\$12,200	\$12,200	\$12,200	\$12,200	
<b>More (Less) Than Prior Year Program:</b>		\$11,819,397	(\$380,603)	\$0	\$0	\$0	\$0	\$0	\$12,200	Multi-Yr

**X733700 Water Main Rep/Recon**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 1985      \$1,200,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$21,064,517	\$18,104,184	\$39,168,700
<b>April 1, 2022</b>	\$25,998,142	\$19,391,718	\$45,389,861

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$99,417,943	Water Bonds	\$108,337,340	\$38,037,340	\$9,300,000	\$12,200	\$12,200	\$12,200	\$12,200	\$12,200	
\$8,744,000	Water PayGo	\$8,744,000	\$8,744,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$6,000,000	Bond Premium	\$8,900,000	\$6,000,000	\$2,900,000	\$0	\$0	\$0	\$0	\$0	
\$114,161,943	<b>Total</b>	\$125,981,340	\$52,781,340	\$12,200,000	\$12,200	\$12,200	\$12,200	\$12,200	\$12,200	
<b>More (Less) Than Prior Year Program:</b>		\$11,819,397	(\$380,603)	\$0	\$0	\$0	\$0	\$0	\$12,200	Multi-Yr

**X764300 Water Proj Planning**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds have been approved for preliminary planning, engineering, and cost estimating for proposed future Capital Water Projects. This will be 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. Switched \$1,210,000 of Bonds for PayGo via AMD #49 & 50 to Bill 46-13. Removed \$300,000 via AMD #18 to Bill 23-14. CC removed \$216k via AMD #43 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$427,542	Plans and Engineering	\$1,877,542	\$177,542	\$350,000	\$350	\$250	\$250	\$250	\$250	
(\$50,517)	Overhead	(\$50,517)	(\$50,517)	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,674,530	Other	\$1,674,530	\$1,674,530	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,051,555	<b>Total</b>	\$3,501,555	\$1,801,555	\$350,000	\$350	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$1,450,000	\$0	\$300,000	\$300	\$200	\$200	\$200	\$250	Multi-Yr

X764300 Water Proj Planning

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

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

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1993 \$300,000

**Financial Activity**

	Expended	Encumbered	Total
April 1, 2021	\$786,668	\$102,829	\$889,497
April 1, 2022	\$622,196	\$357,304	\$979,500

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$504,555	Water Bonds	\$504,555	\$504,555	\$0	\$0	\$0	\$0	\$0	\$0	
\$1,547,000	Water PayGo	\$2,000,000	\$1,297,000	(\$647,000)	\$350	\$250	\$250	\$250	\$250	
	ARP Grant	\$997,000	\$0	\$997,000	\$0	\$0	\$0	\$0	\$0	
\$2,051,555	<b>Total</b>	\$3,501,555	\$1,801,555	\$350,000	\$350	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$1,450,000	\$0	\$300,000	\$300	\$200	\$200	\$200	\$250	Multi-Yr

**X787000 Water Storage Tank Painting**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is initiated to ensure the integrity of the current inventory of elevated and ground storage water tanks and is part of an ongoing project to inspect, rehabilitate and paint the current inventory within an economically feasible period of time. Future tank rehabilitation/painting is programmed as follows: FY20: Design of Crofton Meadows and Central Ave, Continued construction of Crofton Sphere and Arundel Mills, Start Construction of Crofton Meadows, EWST Tank Evaluation, Antenna inspection FY21: Design of Maryland City, continued construction of Crofton Meadows, EWST Tank Evaluation, Antenna inspection FY 22: Construction of Central Ave, EWST Tank Evaluation, Antenna inspection FY 23: Design of Old Mill, continued construction of Central Ave, EWST Tank Evaluation, Antenna inspection FY 24: Design of Jumpers Hole, EWST Tank Evaluation, Antenna inspection FY 25: Construction of Old Mill, Construction of Maryland City, EWST Tank Evaluation, Antenna inspection

**Location**

**Countywide**

**Benefit**

Preventive maintenance of infrastructure.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$1m via AMD #154, added \$357k via AMD #191, \$357k in FY17, \$357k in FY18, \$1,611,000 in FY20 and \$835k in FY21 and decreased \$835k in FY19 via AMD #202 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$3,007,671	Plans and Engineering	\$2,988,671	\$1,387,671	\$53,000	\$615	\$46	\$450	\$312	\$125	
	Land	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	
\$35,118,019	Construction	\$35,367,019	\$21,364,019	\$2,432,000	\$1,192	\$2,992	\$2,030	\$2,081	\$3,276	
\$2,090,018	Overhead	\$2,100,018	\$1,474,018	\$101,000	\$72	\$122	\$99	\$96	\$136	
\$50,000	Other	\$50,000	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$40,265,708	<b>Total</b>	\$40,555,708	\$24,275,708	\$2,636,000	\$1,879	\$3,160	\$2,579	\$2,489	\$3,537	
<b>More (Less) Than Prior Year Program:</b>		\$290,000	\$0	(\$264,000)	(\$1,151)	\$490	(\$1,221)	(\$1,101)	\$3,537	Multi-Yr

X787000 Water Storage Tank Painting

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

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

Estimated Operating Budget Impact: None

**Initial Total Project Cost Estimate**

FY 1998 \$9,378,000

**Financial Activity**

	Expended	Encumbered	Total
<b>April 1, 2021</b>	\$15,633,493	\$3,165,861	\$18,799,354
<b>April 1, 2022</b>	\$16,495,046	\$5,841,407	\$22,336,453

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$34,160,708	Water Bonds	\$34,450,708	\$18,170,708	\$2,636,000	\$1,879	\$3,160	\$2,579	\$2,489	\$3,537	
\$6,105,000	Water PayGo	\$6,105,000	\$6,105,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$40,265,708	<b>Total</b>	\$40,555,708	\$24,275,708	\$2,636,000	\$1,879	\$3,160	\$2,579	\$2,489	\$3,537	
<b>More (Less) Than Prior Year Program:</b>		\$290,000	\$0	(\$264,000)	(\$1,151)	\$490	(\$1,221)	(\$1,101)	\$3,537	Multi-Yr



**Y514200 Routine Water Extensions**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

This project is for design, land acquisition and construction of minor extensions and minor projects identified by the department to the existing water system as petitioned by residents or determined necessary as an integral requirement of CIP Road Improvement that accommodate the road design and/or avoids future excavation of the new road infrastructure. It will also enable the Department of Public Works to respond to emergency situations mandated by the Maryland Department of the Environment for water service. Construction of major extensions (those estimated to cost more than \$250,000) are programmed and budgeted as separate capital projects.

**Location**

**Countywide**

**Benefit**

Provides for orderly service expansion.

**Amendment History**

Prior approval has been adjusted to show the closing of jobs on this project. County Council removed \$200k via AMD #30 to Bill 31-16, \$200k via AMD #68 to Bill 36-17, \$200k via AMD #45 to Bill 37-18, and \$268,291 via AMD #42 to Bill 29-19.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$412,564)	Plans and Engineering	(\$412,564)	(\$412,564)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$1,929)	Land	(\$1,929)	(\$1,929)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$528,575)	Construction	(\$528,575)	(\$528,575)	\$0	\$0	\$0	\$0	\$0	\$0	
(\$56,987)	Overhead	(\$56,987)	(\$56,987)	\$0	\$0	\$0	\$0	\$0	\$0	
\$3,085,825	Other	\$3,585,825	\$2,085,825	\$250,000	\$250	\$250	\$250	\$250	\$250	
\$2,085,770	<b>Total</b>	\$2,585,770	\$1,085,770	\$250,000	\$250	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$50,000	\$50	\$50	\$50	\$50	\$250	Multi-Yr

**Y514200 Routine Water Extensions**

**Class: Water**

**FY2023 Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description:
2. Change in Total Project Cost: Increased due to current estimates, Added FY28 funding.
3. Change in Scope None
4. Change in Timing: None

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

**Initial Total Project Cost Estimate**

FY 1968            \$94,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$264,831	\$110,680	\$375,511
<b>April 1, 2022</b>	\$272,779	\$102,913	\$375,692

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$2,085,770	Water Bonds	\$2,585,770	\$1,085,770	\$250,000	\$250	\$250	\$250	\$250	\$250	
\$2,085,770	<b>Total</b>	\$2,585,770	\$1,085,770	\$250,000	\$250	\$250	\$250	\$250	\$250	
<b>More (Less) Than Prior Year Program:</b>		\$500,000	\$0	\$50,000	\$50	\$50	\$50	\$50	\$250	Multi-Yr

**W741400 Chg Against Wtr Clsd Projects**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds are approved to allow for settlement of claims and items required in Project Performance Phase on Water Capital Projects which have been closed out prior to the settlement of the claims. Available balances from completed projects will be the primary source of funding for this project.

**Location**

**Countywide**

**Benefit**

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

**Amendment History**

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$220,866	Other	\$220,866	\$220,866	\$0	\$0	\$0	\$0	\$0	\$0	
\$220,866	<b>Total</b>	\$220,866	\$220,866	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W741400 Chg Against Wtr Clsd Projects**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 1986          \$900,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2021	\$21,677	
April 1, 2022	\$21,677	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$220,866	Water Bonds	\$220,866	\$220,866	\$0	\$0	\$0	\$0	\$0	\$0	
\$220,866	<b>Total</b>	\$220,866	\$220,866	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W753400 Demo Abandoned Facilities**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds are approved, requested and programmed to demolish various water facilities which are no longer in service as required by Utility Operations. The facilities include but are not limited to, Marley BPS, Crofton Meadows I WTP building and treatment basins, Ft. Meade BPS, and Glendale SCW. Project description amended in FY16 to include Amberly Water Treatment Plant

**Location**

**Countywide**

**Benefit**

Demolition of these facilities will allow the county to dispose of excess land.

**Amendment History**

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$152,267	Plans and Engineering	\$152,267	\$152,267	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,538,782	Construction	\$2,538,782	\$2,538,782	\$0	\$0	\$0	\$0	\$0	\$0	
\$84,674	Overhead	\$84,674	\$84,674	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,775,723	<b>Total</b>	\$2,775,723	\$2,775,723	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W753400 Demo Abandoned Facilities**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 1995            \$100,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$543,345	\$113,481	\$656,825
<b>April 1, 2022</b>	\$622,754	\$190,823	\$813,577

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$2,775,723	Water PayGo	\$2,775,723	\$2,775,723	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,775,723	<b>Total</b>	\$2,775,723	\$2,775,723	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W778600 Crofton Meadows II WTP Upgr**

**Class: Water**

**FY2023 Council Approved**

**Description**

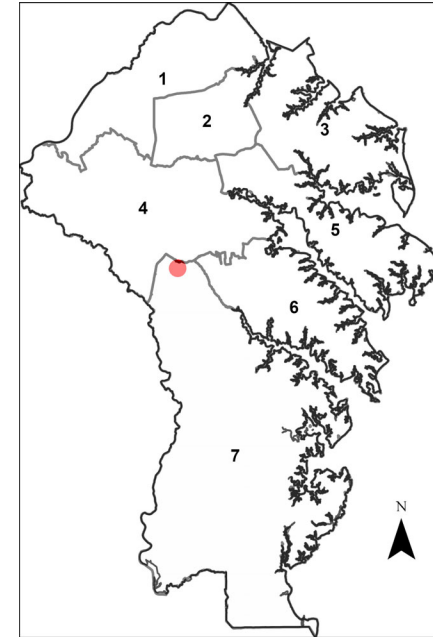
Funds are programmed to increase the capacity of the Crofton Meadows II WTP from 5 to 15 mgd by adding additional sedimentation basins, filters, raw water wells, and other appurtenances necessary for the increased capacity. The construction of this project is funded over two years.

**Benefit**

To meet future demand in Ft. Meade East Water Service Area.

**Amendment History**

CC pushed \$10,815k from FY19 to FY22 via AMD #40 and 41 to Bill 37-18.



Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,321,357	Plans and Engineering	\$1,321,357	\$1,321,357	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$662,000	Land	\$662,000	\$662,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$13,645,611	Construction	\$13,645,612	\$13,645,612	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$229,765	Overhead	\$229,765	\$229,765	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$15,858,733	<b>Total</b>	\$15,858,734	\$15,858,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W778600 Crofton Meadows II WTP Upgr**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 1996      \$6,670,200

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$979,758	\$355,907	\$1,335,665
<b>April 1, 2022</b>	\$1,043,439	\$300,834	\$1,344,273

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$15,858,734	Water Bonds	\$15,858,734	\$15,858,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$15,858,734	<b>Total</b>	\$15,858,734	\$15,858,734	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**W797600 Independent Well Upgrd**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is to design and construct treatment and to examine/install Aquifer Storage Recovery (ASR) capacity in the northern part of the County. Additional future funding may be required if treatment becomes more complex than currently anticipated or if additional wells require treatment.

**Location**

**Countywide**

**Benefit**

This project is necessary to provide additional water supply in the Glen Burnie Water Service Area.

**Amendment History**

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$232,223	Plans and Engineering	\$232,223	\$232,223	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,000	Land	\$1,000	\$1,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$1,782,984	Construction	\$1,782,984	\$1,782,984	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$154,851	Overhead	\$154,851	\$154,851	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,171,058	<b>Total</b>	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W797600 Independent Well Upgrd

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2000          \$3,193,000

**Financial Activity**

Expended	Encumbered	Total
		<b>April 1, 2021</b>
		\$53,314
		<b>April 1, 2022</b>
		\$53,314

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$1,741,058	Water Bonds	\$1,741,058	\$1,741,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$430,000	Developer Contribution	\$430,000	\$430,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,171,058	<b>Total</b>	\$2,171,058	\$2,171,058	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

W799400 Severndale WTP Upgrade PH III

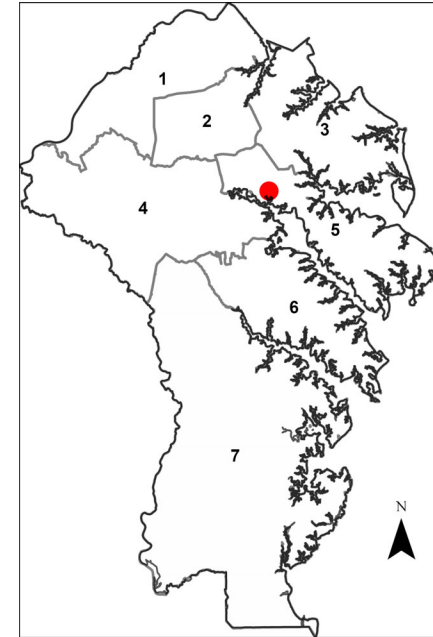
Class: Water

FY2023

Council Approved

**Description**

Replacement of the existing Chemical Feed Systems at the Severndale Water Treatment Plant. Project description amended in FY07 to include the upgrading of the existing lime system and the construction of caustic and sodium hypochlorite feed systems to replace the existing gaseous chlorine feed system. Project description amended in FY14 to include Process Control System. Project description amended in FY16 to include Water Treatment Plant Filter Rehabilitation and Severndale Water Booster Pump Station Process Control System.



**Benefit**

Improved water quality, system reliability and public safety.

**Amendment History**

County Council removed \$85k via AMD #78 to Bill 29-15.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$442,842	Plans and Engineering	\$442,842	\$442,842	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$5,000	Land	\$5,000	\$5,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,933,356	Construction	\$2,933,356	\$2,933,356	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$185,597	Overhead	\$185,597	\$185,597	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,566,796	<b>Total</b>	\$3,566,796	\$3,566,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W799400 Severndale WTP Upgrade PH III**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2003            \$300,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$2,912,548	\$103,530	\$3,016,078
<b>April 1, 2022</b>	\$3,084,255	\$35,651	\$3,119,907

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$3,566,796	Water Bonds	\$3,566,796	\$3,566,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,566,796	<b>Total</b>	\$3,566,796	\$3,566,796	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W800200 Water System Security**

**Class: Water**

**FY2023 Council Approved**

**Description**

Design and construction of miscellaneous improvements to reduce vulnerability and improve water system security.

**Location**

**Countywide**

**Benefit**

Recent threats against home land security has required additional measures to protect vital utility services.

**Amendment History**

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

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
(\$288,811)	Plans and Engineering	(\$288,811)	(\$288,811)	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$6,000	Land	\$6,000	\$6,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,637,937	Construction	\$4,637,937	\$4,637,937	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$217,481	Overhead	\$217,481	\$217,481	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,572,607	<b>Total</b>	\$4,572,607	\$4,572,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W800200 Water System Security**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2004      \$4,800,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$157,956	\$29,338	\$187,294
<b>April 1, 2022</b>	\$173,980	\$100,682	\$274,662

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$4,572,607	Water Bonds	\$4,572,607	\$4,572,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,572,607	<b>Total</b>	\$4,572,607	\$4,572,607	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W800300 Balto City Water Main Rpr**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

Funds are requested for engineering and construction monies for the repair of the 72 inch transmission main paralleling the Key Bridge. This is one of two water supply feeds from Baltimore City. Additional funds are also requested for the County's share of the Hillen/Ashburton 64 inch bypass line. County share is 13% per a January 30, 1980 interjurisdictional agreement. Additional funds requested in FY07 for the County's share of the investigation and repair/replacement of the 54" transmission Main and 36" transmission Mains supplying the Nursery Road Booster Pumping Station. Portions of this project will be under taken as a joint venture with Baltimore City and Baltimore County. Note: Costs represent projected Anne Arundel County share only.

**Location**

**Countywide**

**Benefit**

The transmission main is a major water supply source supplying up to 9 MGD. Lack of water supply has resulted in water use restrictions this past year in the northern part of the County.

**Amendment History**

County Council added \$5,374,000 in FY07 Utility Bonds via amendment #60 to Bill 35-06. CC removed \$1,262k via AMD #37 to Bill 37-18.

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$932,654	Plans and Engineering	\$932,654	\$932,654	\$0	\$0	\$0	\$0	\$0	\$0	
\$96,000	Land	\$96,000	\$96,000	\$0	\$0	\$0	\$0	\$0	\$0	
\$4,133,070	Construction	\$4,133,070	\$4,133,070	\$0	\$0	\$0	\$0	\$0	\$0	
\$80,601	Overhead	\$80,601	\$80,601	\$0	\$0	\$0	\$0	\$0	\$0	
(\$3,226,800)	Other	(\$3,226,800)	(\$3,226,800)	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,015,526	<b>Total</b>	\$2,015,526	\$2,015,526	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr

**W800300 Balto City Water Main Rpr**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact: None**

**Initial Total Project Cost Estimate**

FY 2004      \$2,520,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$0	\$15,200	\$15,200
<b>April 1, 2022</b>		\$15,200	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$2,015,526	Water Bonds	\$2,015,526	\$2,015,526	\$0	\$0	\$0	\$0	\$0	\$0	
\$2,015,526	<b>Total</b>	\$2,015,526	\$2,015,526	\$0	\$0	\$0	\$0	\$0	\$0	
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	Multi-Yr



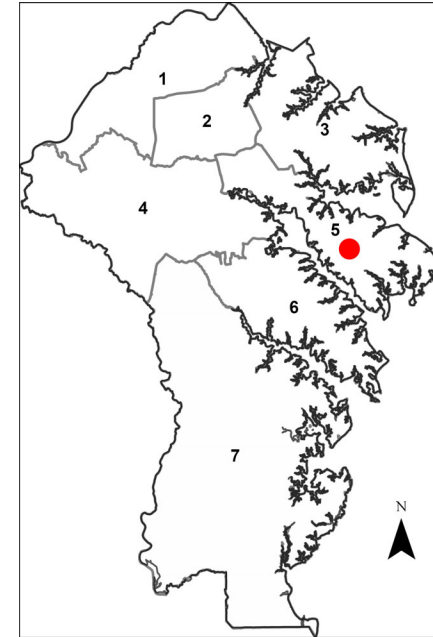
**W801800 Arnold WTP Exp**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project provides funding for the design, right of way acquisition and construction of an expansion for the Arnold WTP. Project includes the expansion of both, the water treatment facility and well fields from 8 to 16 MGD. The project will also increase the pumping capacity of the booster pumps by 4.6 MGD and upgrade of the existing plant control system. The construction of this project is funded over two years.



**Benefit**

Project will provide increased treatment capacity thus increasing water system reliability and reducing reliance on Baltimore City's water supply.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$672,656	Plans and Engineering	\$672,656	\$672,656	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$68,376	Land	\$68,376	\$68,376	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,925,967	Construction	\$7,925,966	\$7,925,966	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$193,998	Overhead	\$193,998	\$193,998	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,860,997	<b>Total</b>	\$8,860,996	\$8,860,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W801800 Arnold WTP Exp**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

1. Change in Name or Description: None
2. Change in Total Project Cost: 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      \$32,457,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$210,735	\$483,197	\$693,932
<b>April 1, 2022</b>	\$507,853	\$215,742	\$723,596

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$8,860,996	Water Bonds	\$8,860,996	\$8,860,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,860,996	<b>Total</b>	\$8,860,996	\$8,860,996	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W803400 Water Proj Mgmt**

**Class: Water**

**FY2023**

**Council Approved**

**Description**

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

**Location**

**Countywide**

**Benefit**

Improved efficiency during execution of the capital improvement program.

**Amendment History**

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

**W803400 Water Proj Mgmt**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2010      \$1,000,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$111,757	\$1,884,868	\$1,996,625
<b>April 1, 2022</b>	\$3,646	\$716,535	\$720,181

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

**W804600 Balt City - Fullerton WTP**

**Class: Water**

**FY2023 Council Approved**

**Description**

Funds are requested for Anne Arundel County's share of the proposed Baltimore City Fullerton Water Treatment Plant. The facility is being planned, designed and constructed to meet regulatory requirements, demands of the water service area and to provide reliability. Funds will only be requested to cover Anne Arundel County's share of the new facility in accordance with inter-jurisdictional agreement between Baltimore City, Anne Arundel, Baltimore and Howard Counties. At the time of project request, Anne Arundel County's proportional share of the project has not been agreed upon. Local share could range between 4% to 10% of the total \$500 million dollar project cost. Future funding requests will be made in the 5 Yr Program once percentages are agreed upon by all jurisdictions.

**Location**

**Countywide**

**Benefit**

The new facility is needed to meet regulatory requirements for potable water treatment, to provide operational reliability and to meet future demands. When completed, Fullerton will provide operational reliability to allow upgrade/rehabilitation of the Montebello Filtration Plant that currently provides water supply to Anne Arundel County

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$10,000	Plans and Engineering	\$10,000	\$10,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$400	Overhead	\$400	\$400	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,400	<b>Total</b>	\$10,400	\$10,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W804600 Balt City - Fullerton WTP**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**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 2011            \$106,000

**Financial Activity**

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

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$10,400	Water Bonds	\$10,400	\$10,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$10,400	<b>Total</b>	\$10,400	\$10,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

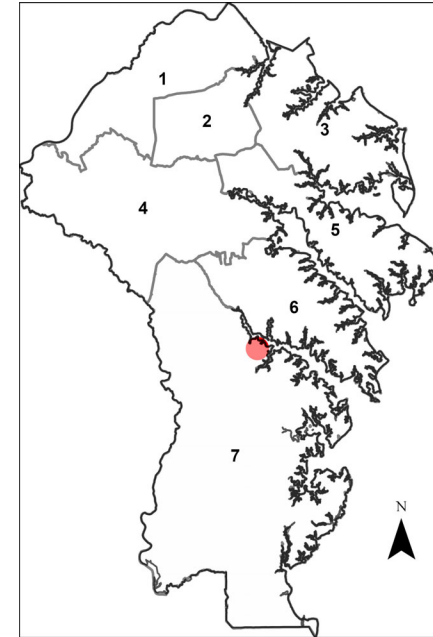
**W805400 Pike Drive Water Extension**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project provides the design, right-of-way acquisition, and construction of a public water service extension. This project will extend service to approximately 28 properties and is in response to a valid petition for public water service.



**Benefit**

This project will provide public water service to properties served currently by private on-site wells.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$119,000	Plans and Engineering	\$32,114	\$32,114	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$633,000	Construction	\$217,396	\$217,396	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$51,000	Overhead	\$31,464	\$31,464	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$810,000	<b>Total</b>	\$287,974	\$287,974	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$522,026)	(\$522,026)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W805400 Pike Drive Water Extension**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2016            \$570,000

**Financial Activity**

**Expended    Encumbered    Total**  
 April 1, 2021    \$521,953  
 April 1, 2022

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$810,000	Water Bonds	\$287,974	\$287,974	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$810,000	<b>Total</b>	\$287,974	\$287,974	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		(\$522,026)	(\$522,026)	\$0	\$0	\$0	\$0	\$0	\$0	\$0



**W805800 Whiskey Bottom Road Interconn**

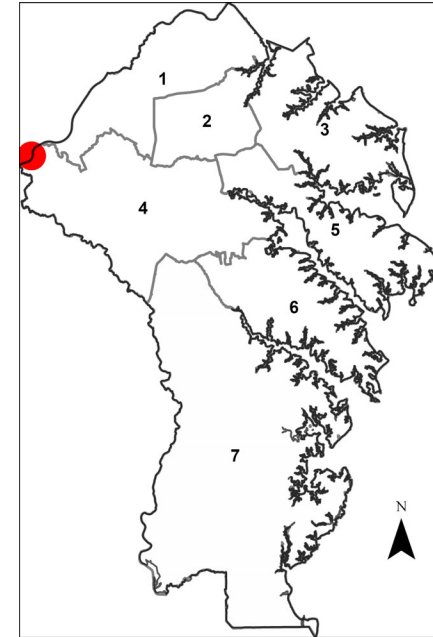
**Class: Water**

**FY2023**

**Council Approved**

**Description**

Project consists of design, right of way acquisition, and construction of approximately 1600 LF of new 12" water main connecting the existing water main in Whiskey Bottom Road to the Howard County Public Water System.



**Benefit**

This will allow for an emergency connection to the Howard County Public Water System if required, allowing for additional redundancy in the Maryland City Pressure Zone and the Laurel area.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$256,000	Plans and Engineering	\$256,000	\$256,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$253,000	Land	\$253,000	\$253,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$3,604,300	Construction	\$3,604,300	\$3,604,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$164,000	Overhead	\$164,000	\$164,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,277,300	<b>Total</b>	\$4,277,300	\$4,277,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W805800 Whiskey Bottom Road Interconn**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2018      \$3,205,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$72,951	\$3,126	\$76,077
<b>April 1, 2022</b>	\$77,647	\$2,116	\$79,763

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$4,277,300	Water Bonds	\$4,277,300	\$4,277,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$4,277,300	<b>Total</b>	\$4,277,300	\$4,277,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

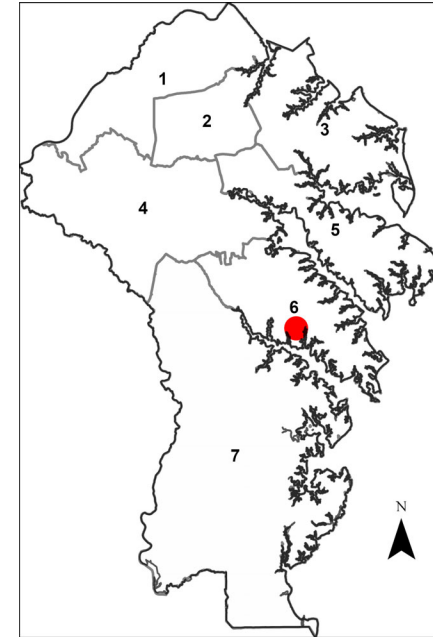
**W805900 Coriander Place WM Extension**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is for the design, right of way acquisition and construction of approximately 1,400 LF of water main along Coriander Place, and portions of Cardamon Drive and Oregano Drive



**Benefit**

This is a petition project and will provide water service to 15 properties.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$72,000	Plans and Engineering	\$72,000	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$2,000	Land	\$2,000	\$2,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$456,000	Construction	\$456,000	\$456,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$23,000	Overhead	\$23,000	\$23,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$553,000	<b>Total</b>	\$553,000	\$553,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W805900 Coriander Place WM Extension**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2019            \$900,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$418,040	\$21,287	\$439,327
<b>April 1, 2022</b>	\$444,232		

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$553,000	Water Bonds	\$553,000	\$553,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$553,000	<b>Total</b>	\$553,000	\$553,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

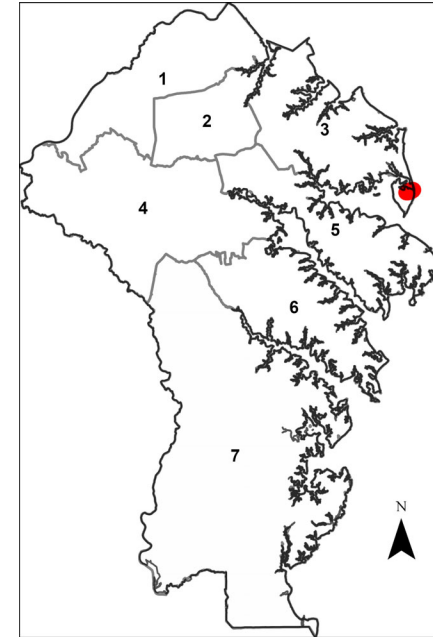
**W806000 Banbury WM Extension**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is for the design, right of way acquisition, and construction a of new water main along Banbury Road in the Gibson Island area.



**Benefit**

The water main will improve reliability of the Gibson Island PZ and increase available fire flow in the surrounding area.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$72,000	Plans and Engineering	\$72,000	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$7,000	Land	\$7,000	\$7,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$871,000	Construction	\$871,000	\$871,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$16,000	Overhead	\$16,000	\$16,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$966,000	<b>Total</b>	\$966,000	\$966,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W806000 Banbury WM Extension**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2019            \$545,000

**Financial Activity**

	<b>Expended</b>	<b>Encumbered</b>	<b>Total</b>
<b>April 1, 2021</b>	\$183,141	\$171,505	\$354,645
<b>April 1, 2022</b>	\$420,215	\$360,343	\$780,558

<b>Prior Year Project Total</b>	<b>Funding</b>	<b>Project Total</b>	<b>Prior Approval</b>	<b>Budget FY2023</b>	<b>Capital Program (\$000)</b>					<b>Beyond 6 Years</b>
					<b>FY2024</b>	<b>FY2025</b>	<b>FY2026</b>	<b>FY2027</b>	<b>FY2028</b>	
\$966,000	Water Bonds	\$966,000	\$966,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$966,000	<b>Total</b>	\$966,000	\$966,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

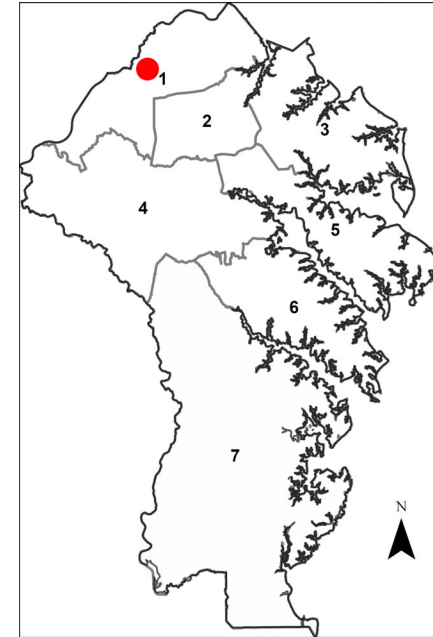
**W806100 Hanover Road Water Main Ext**

**Class: Water**

**FY2023 Council Approved**

**Description**

This project is for the design, right-of-way acquisition, and construction of approximately 1,450 linear feet of 12" water main from Ridge Road to New Ridge Road in the Hanover area. This project is being done in conjunction with the road design under H566701.



**Benefit**

This project will complete an important water main loop, improve reliability, and increase available fire flow in the surrounding area.

**Amendment History**

Prior Year Project Total	Phase	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$63,000	Plans and Engineering	\$63,000	\$63,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$8,000	Land	\$8,000	\$8,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$616,000	Construction	\$616,000	\$616,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$15,000	Overhead	\$15,000	\$15,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$702,000	<b>Total</b>	\$702,000	\$702,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

**W806100 Hanover Road Water Main Ext**

**Class: Water**

**FY2023**

**Council Approved**

**Project Status**

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

**Change from Prior Year**

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

**Estimated Operating Budget Impact:** Indeterminate

**Initial Total Project Cost Estimate**

FY 2019            \$322,000

**Financial Activity**

Expended	Encumbered	Total
April 1, 2021	\$3,295	
April 1, 2022	\$4,136	

Prior Year Project Total	Funding	Project Total	Prior Approval	Budget FY2023	Capital Program (\$000)					Beyond 6 Years
					FY2024	FY2025	FY2026	FY2027	FY2028	
\$702,000	Water Bonds	\$702,000	\$702,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
\$702,000	<b>Total</b>	\$702,000	\$702,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>More (Less) Than Prior Year Program:</b>		\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0



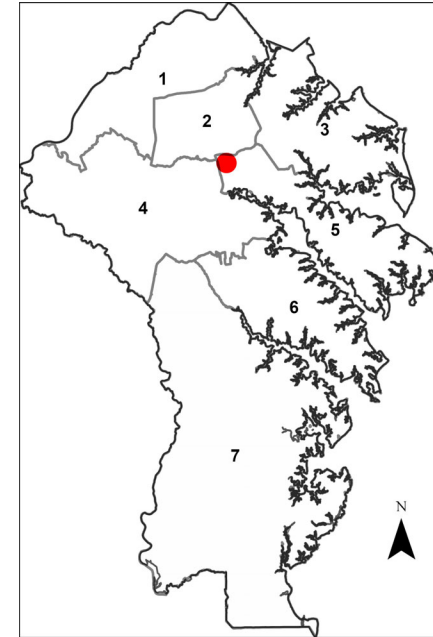
**W808800 OPS Compl Solar Panels Water**

**Class: Water**

**FY2023 Council Approved**

**Description**

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



**Benefit**

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

**Amendment History**

Added \$1.5m in grant funding and decreased water bonds by \$1.5m via Bill No 107-21

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

W808800 OPS Compl Solar Panels Water

Class: Water

FY2023

Council Approved

**Project Status**

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

**Change from Prior Year**

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

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

**Initial Total Project Cost Estimate**

FY 2020 \$2,963,000

**Financial Activity**

Expended	Encumbered	Total	
April 1, 2021	\$104,831	\$53,829	\$158,661
April 1, 2022	\$229,527	\$1,718,442	\$1,947,969

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