

# Water & Sewer 5-YEAR PLAN

FY 2026 FY 2027 FY 2028 FY 2029 FY 2030

Total  
'26-'30

## FY2026-FY2030 CAPITAL IMPROVEMENT PLAN

(\$ in thousands)

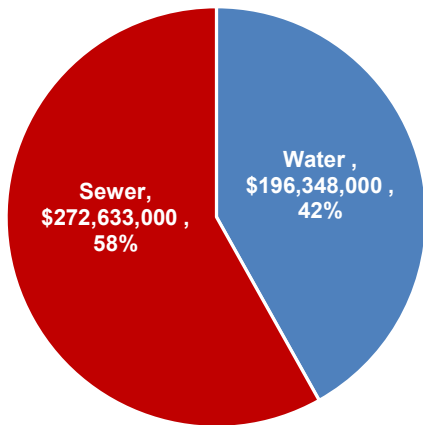
### CAPITAL COSTS

Water	\$10,318	\$59,668	\$62,237	\$35,927	\$28,198	\$196,348
Sewer	20,808	47,839	60,396	55,521	88,069	272,633
Total	\$31,126	\$107,507	\$122,633	\$91,448	\$116,267	\$468,981

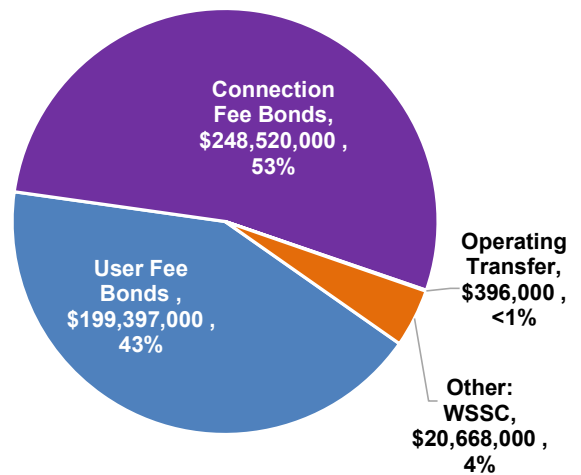
### FINANCE SOURCES

User Fee Bonds	\$14,953	\$40,881	\$46,061	\$40,034	\$57,468	\$199,397
Connection Fee Bonds	13,187	63,888	72,837	48,179	50,429	248,520
Operating Transfer	56	160	60	60	60	396
Total County Funding	\$28,196	\$104,929	\$118,958	\$88,273	\$107,957	\$448,313
Other: WSSC	2,930	2,578	3,675	3,175	8,310	20,668
Total	\$31,126	\$107,507	\$122,633	\$91,448	\$116,267	\$468,981

Capital Cost



Capital Cost



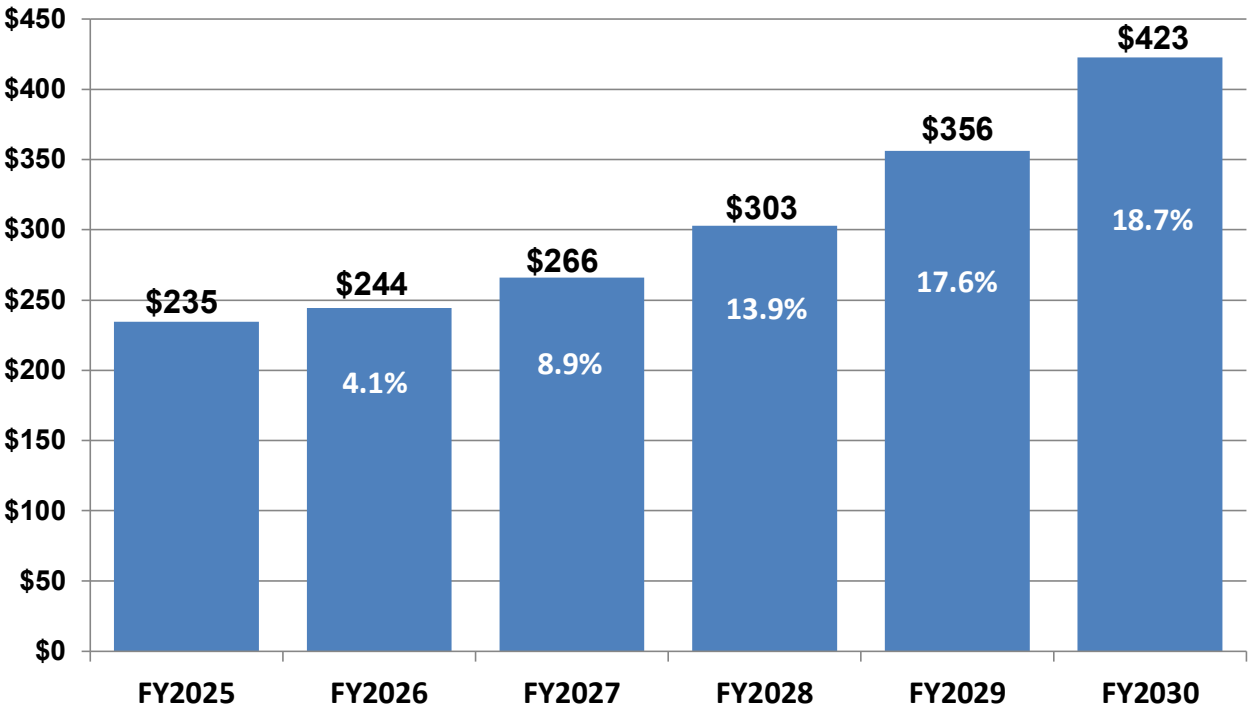
**New project(s) added to the FY2026-FY2030 CIP (\$ in thousands):**

Project Title	FY2026	FY2027	FY2028	FY2029	FY2030	'26-'30
Reclaimed Water Elevated Storage Tank	\$381	\$326	\$451	\$3,151	\$5,527	\$9,836
<i>This project is for the feasibility, design and construction of a two (2) million gallon storage tank (EST) for reclaimed water. This EST will allow for a more simplified and efficient control of the existing reclaimed water system. Another benefit of the EST is that it would provide storage for future reclaimed water customers. Total Project Cost: \$15,363,000.</i>						

**Projects that were previously fully funded and now require increases:**  
**(\$ in thousands)**

Project Title	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	'26-'30
Waldorf Water Tower #6	\$55	\$18	\$0	\$0	\$0	\$73
<i>Construction of a 2mg elevated water storage tank in the east side of the development district in St. Charles to keep pace with demand. Total Project Cost: \$12,402,000.</i>						
Acton Lane Water Main Ext.	189	396	0	0	0	585
<i>Design and construct approximately 540 l.f. of 12" water main on Acton Lane to complete the connection to Hamilton Road and approximately 1,000 l.f. of 8" water main to loop the Wexford Village subdivision. This connection will improve redundancy and add looping. Total Project Cost: \$2,258,000.</i>						
Mill Hill Waterline Extension	130	0	0	0	0	130
<i>Design and construct an 8" DIP water main extension from Super Place to the existing 8" line 600' north of Devonfield Avenue to interconnect neighborhoods and increase water system reliability. Total Project Cost: \$1,022,000.</i>						
Cliffton Water System Improvements	23	0	0	0	0	23
<i>The water system at Cliffton requires improvements to solve pressure and capacity issues for not only the existing connections, but also further support the building of the remaining 200 lots of record within the development. The water line interconnection phase has been constructed. The next phase will be to construct a 250,000 gallon elevated storage tank along with the necessary tie-in piping. Total Project Cost: \$5,678,780.</i>						
Benedict Water System Improvements	271	954	0	0	0	1,225
<i>Project includes replacement of well due to arsenic levels and the purchase of a generator to ensure uninterrupted service in case of a power outage. The deteriorated hydropneumatics and ground storage tanks will also be replaced at Benedict and St. Francis well sites. Total Project Cost: \$3,915,000.</i>						
Sewer Easement Study & Acquisition	116	106	106	106	0	434
<i>This project will identify and map water and sewer easements that are needed for the Department of Public Works to access and maintain public sewer infrastructure. The study will also identify where easements are missing and develop a list of necessary easements needed for proper maintenance, including logical access routes and ground cover maintenance. Total Project Cost: \$ 908,000.</i>						
White Plains Failing Septic Sewer	25	0	0	0	0	25
<i>This project is part of a larger Maryland Department of Environment (MDE) initiative to reduce the number of onsite sewer disposal systems in the state. One of the recommended actions is to connect existing septic systems to waste water treatment plants. Charles County Sewer Category Map #6, identifies the Waldorf Manor subdivision as a problem "septic" area by the Maryland State Department of Health. Thus, the scope of the project is to build a low pressure force main system down Park Avenue and Gateway Boulevard to allow for future hookup/connections of existing on-site sewer systems to a public sewer system. Total Project Cost: \$4,637,000.</i>						
Cliffton WWTP Improvements	263	750	1,213	750	0	2,976
<i>Cliffton WWTP was constructed in the 1970's and is in need of equipment overhaul and replacement to improve treatment reliability and operability. Project includes complete evaluation of treatment plant and implementation of recommended improvements. Total Project Cost: \$17,328,000.</i>						

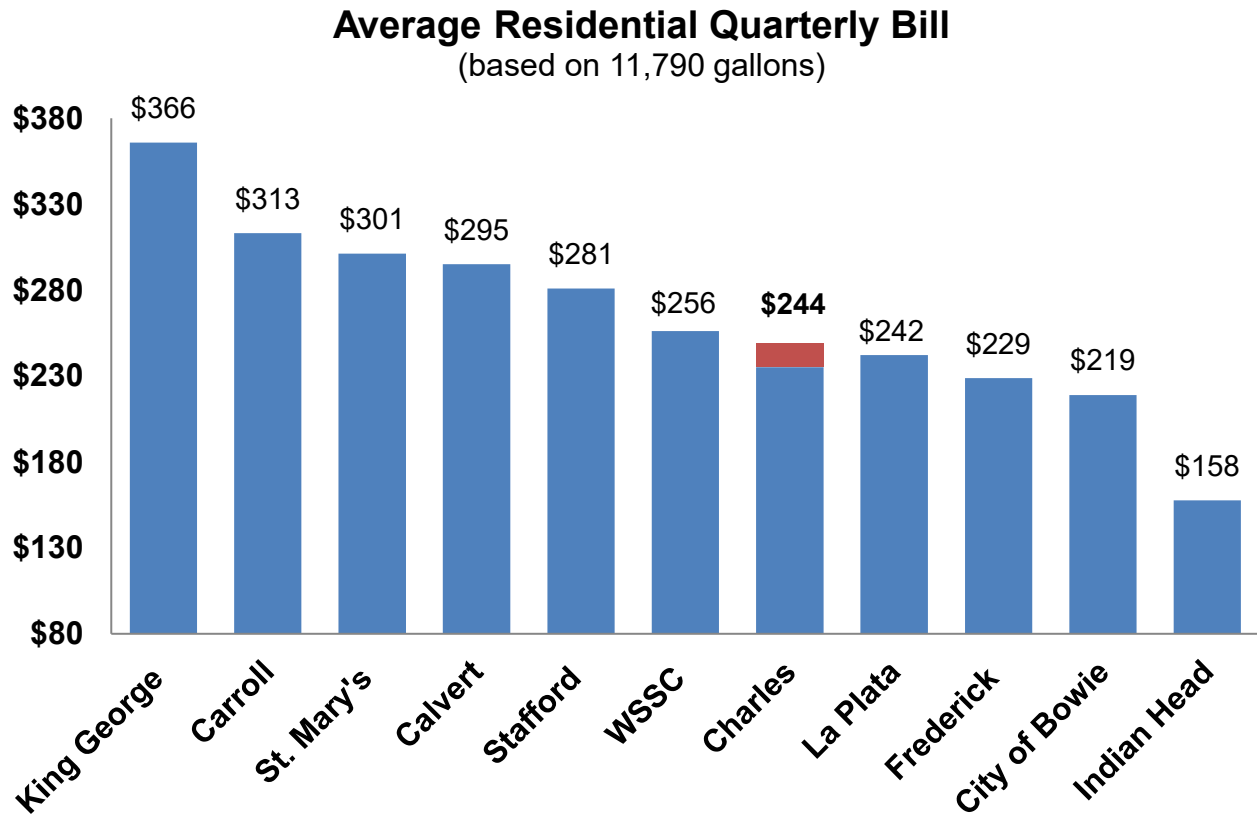
# Estimated Quarterly Water & Sewer Bill



NOTE: % change reflected in graph above represents % increase in the estimated quarterly bill in comparison to the prior year.

	FY2025	FY2026	FY2027	FY2028	FY2029	FY2030	5 Year Impact
<b>IMPACT ON QUARTERLY BILL</b>							
Estimated Water & Sewer Bill <i>(based on 11,790 gallons)</i>	\$234.67	\$244.33	\$266.01	\$302.94	\$356.14	\$422.76	
Increase in the estimated quarterly bill:							
Additional amount per quarter		\$9.67	\$21.68	\$36.93	\$53.21	\$66.62	\$188.10
<b>ESTIMATED ANNUAL BILLS:</b>							
Estimated additional annual cost	\$938.67	\$977.34	\$1,064.05	\$1,211.75	\$1,424.57	\$1,691.05	
		\$38.67	\$86.71	\$147.70	\$212.82	\$266.48	\$752.38

# WATER AND SEWER USER CHARGES



**NOTES:**

The Average Residential User bill is currently \$234.67 a quarter.

Current rates as of January 2025.

Excludes Bay Restoration fees.

# CONNECTION FEE

The connection fee rate will be adjusted in addition to the time value of money if a project or projects impact the rate over and above the normal fee. This year based on the requested CIP we are requesting that the water and sewer rate will need to increase by approximately 4.77% annually to fund the requested CIP. In addition to the connection fee, the technology fee surcharge to support the County's new Energov software system will increase by approximately \$46.

<b>Fiscal Year</b>	<b>Sewer Connection Fee</b>	<b>Water Connection Fee</b>	<b>Combined Fee</b>	<b>% Change</b>
2025 Actual	\$12,568	\$6,718	\$19,286	4.77%
2026	\$13,167	\$7,038	\$20,205	4.77%
2027	\$13,795	\$7,374	\$21,169	4.77%
2028	\$14,453	\$7,726	\$22,179	4.77%
2029	\$15,142	\$8,094	\$23,236	4.77%
2030	\$15,864	\$8,481	\$24,345	4.77%

FY26 5/8" Meter Fee	\$13,167	\$7,038	\$20,205	4.77%
FY26 Technology Fee	658	352	1,010	4.77%
<b>TOTAL FEE</b>	<b>\$13,825</b>	<b>\$7,390</b>	<b>\$21,215</b>	<b>4.77%</b>

- Connection Fees revenues supports meter purchases, staff time and credit card fees associated with online payments of credit transactions.

# PROPOSED WATER AND SEWER CAPITAL IMPROVEMENT PLAN

## FY2026

Proposal Name	Prior Approp.	FY2026 Expenses	FY2027 Expenses	FY2028 Expenses	FY2029 Expenses	FY2030 Expenses	5 yr total	Beyond FY2030 Expenses	Total Project	26-'29 % Chg.
<b>WATER PROJECTS</b>										
<u><b>New Plants/New Capacity</b></u>										
6071006159 - Potomac River Water Supply Tmt Pln	2,860,000	0	1,604,000	3,104,000	3,334,000	5,606,000	13,648,000	207,639,000	224,147,000	-21%
Reclaimed Water Elevated Storage Tank - new		191,000	163,000	226,000	1,576,000	2,764,000	4,920,000	2,764,000	7,684,000	New
	<b>2,860,000</b>	<b>191,000</b>	<b>1,767,000</b>	<b>3,330,000</b>	<b>4,910,000</b>	<b>8,370,000</b>	<b>18,568,000</b>	<b>210,403,000</b>	<b>231,831,000</b>	
<u><b>Wells</b></u>										
6071000001 - Waldorf Well #18	465,000	181,000	1,841,000	1,766,000	0	0	3,788,000	0	4,253,000	1%
	<b>465,000</b>	<b>181,000</b>	<b>1,841,000</b>	<b>1,766,000</b>	<b>0</b>	<b>0</b>	<b>3,788,000</b>	<b>0</b>	<b>4,253,000</b>	
<u><b>Water Towers</b></u>										
6071006129 - Bryans Road 2MG Water Tower	3,477,000	56,000	6,856,000	5,806,000	0	0	12,718,000	0	16,195,000	0%
6071006151 - Waldorf Water Tower #8	874,000	656,000	256,000	4,656,000	4,450,000	4,450,000	14,468,000	0	15,342,000	20%
6401006067 - Waldorf Water Tower #6	12,329,000	55,000	18,000	0	0	0	73,000	0	12,402,000	Added
6071006109 - Gleneagles 2MG Water Tower	14,474,000	0	0	0	0	0	0	0	14,474,000	-100%
	<b>31,154,000</b>	<b>767,000</b>	<b>7,130,000</b>	<b>10,462,000</b>	<b>4,450,000</b>	<b>4,450,000</b>	<b>27,259,000</b>	<b>0</b>	<b>58,413,000</b>	
<u><b>Water Enhancements/Main Ext.</b></u>										
6072000001 - White Plains Water Enhancements	707,000	0	122,000	1,772,000	1,706,000	0	3,600,000	0	4,307,000	3%
6072000002 - Acton Lane Water Main Ext	1,673,000	189,000	396,000	0	0	0	585,000	0	2,258,000	Added
6072000003 - Billingsley Rd Water Main Ext	2,201,000	271,000	2,406,000	0	0	0	2,677,000	0	4,878,000	34%
6072000004 - Leonardtown Road Water Main Rplcmnt	106,000	106,000	456,000	556,000	2,706,000	3,906,000	7,730,000	3,806,000	11,642,000	-60%
6072006114 - Hughesville Water Line	5,317,000	3,126,000	3,376,000	4,576,000	4,576,000	4,576,000	20,230,000	4,576,000	30,123,000	-11%
6072006148 - Mill Hill Waterline Extension	892,000	130,000	0	0	0	0	130,000	0	1,022,000	Added
6403006099 - Benedict Water System Improvements	2,690,000	271,000	954,000	0	0	0	1,225,000	0	3,915,000	Added
6072006152 - Waldorf Water Tower #8 Water Distrib	1,004,000	0	166,000	1,206,000	0	0	1,372,000	0	2,376,000	11%
6402000001 - Old Washington Road Waterline	1,395,190	156,000	256,000	2,241,000	1,076,000	779,000	4,508,000	0	5,903,190	138%
6403006069 - Clifton Water System Improvements	5,655,780	23,000	0	0	0	0	23,000	0	5,678,780	Added
	<b>21,640,970</b>	<b>4,272,000</b>	<b>8,132,000</b>	<b>10,351,000</b>	<b>10,064,000</b>	<b>9,261,000</b>	<b>42,080,000</b>	<b>8,382,000</b>	<b>72,102,970</b>	
<u><b>New Buildings</b></u>										
6400000001 - Utilities Waldorf Regional Facility	253,000	160,000	66,000	118,000	171,000	452,000	967,000	4,970,000	6,190,000	-87%
6400000002- Utilities Professional Development	0	0	0	0	123,000	396,000	519,000	380,000	899,000	-85%
	<b>253,000</b>	<b>160,000</b>	<b>66,000</b>	<b>118,000</b>	<b>294,000</b>	<b>848,000</b>	<b>1,486,000</b>	<b>5,350,000</b>	<b>7,089,000</b>	
<u><b>Connections</b></u>										
6072006121 - WSSC Waldorf Interconnection	9,406,000	1,406,000	30,056,000	28,506,000	11,156,000	0	71,124,000	0	80,530,000	22%
6072006141 - Middletown/Bensville Water Intercon	4,963,080	316,000	2,506,000	2,306,000	0	0	5,128,000	0	10,091,080	48%
6072006147 - Bryans Village Waterline Interconn	1,692,750	416,000	3,716,000	0	0	0	4,132,000	0	5,824,750	237%
6402006158 - Ellenwood, Mariellen, Newtown Conn	550,000	0	0	0	0	0	0	0	550,000	-100%
6402006157 - Bel Alton and Chapel Point Connect	2,335,000	0	0	0	0	0	0	0	2,335,000	-100%
	<b>18,946,830</b>	<b>2,138,000</b>	<b>36,278,000</b>	<b>30,812,000</b>	<b>11,156,000</b>	<b>0</b>	<b>80,384,000</b>	<b>0</b>	<b>99,330,830</b>	
<u><b>Satellite Facility Upgrades/Improvements</b></u>										
6403006135 - Chapel Point Reverse Osmosis WW	838,000	740,000	740,000	0	0	0	1,480,000	0	2,318,000	66%
6406000000 - Satellite Wtr Facility Upg (PARENT)	7,657,530	1,778,000	1,778,000	1,779,000	1,778,000	1,779,000	8,892,000	1,779,000	18,328,530	15%
	<b>8,495,530</b>	<b>2,518,000</b>	<b>2,518,000</b>	<b>1,779,000</b>	<b>1,778,000</b>	<b>1,779,000</b>	<b>10,372,000</b>	<b>1,779,000</b>	<b>20,646,530</b>	

NOTE: Numbers may be off slightly due to rounding.

# PROPOSED WATER AND SEWER CAPITAL IMPROVEMENT PLAN

## FY2026

Proposal Name	Prior Approp.	FY2026 Expenses	FY2027 Expenses	FY2028 Expenses	FY2029 Expenses	FY2030 Expenses	5 yr total	Beyond FY2030 Expenses	Total Project	26-'29 % Chg.
<b>Automation</b>										
6407000000 - Automation & Technology Master II	2,157,755	91,000	493,000	501,000	525,000	524,000	2,134,000	525,000	4,816,755	56%
	<b>2,157,755</b>	<b>91,000</b>	<b>493,000</b>	<b>501,000</b>	<b>525,000</b>	<b>524,000</b>	<b>2,134,000</b>	<b>525,000</b>	<b>4,816,755</b>	
	<b>85,973,085</b>	<b>10,318,000</b>	<b>58,225,000</b>	<b>59,119,000</b>	<b>33,177,000</b>	<b>25,232,000</b>	<b>186,071,000</b>	<b>226,439,000</b>	<b>498,483,085</b>	<b>2%</b>
6049006999 - Water Contingency	12,211,990	0	1,443,000	3,118,000	2,750,000	2,966,000	10,277,000	36,743,000	59,231,990	
<b>TOTAL WATER</b>	<b>98,185,075</b>	<b>10,318,000</b>	<b>59,668,000</b>	<b>62,237,000</b>	<b>35,927,000</b>	<b>28,198,000</b>	<b>196,348,000</b>	<b>263,182,000</b>	<b>557,715,075</b>	

<b>REVENUES</b>									
UF Bonds		4,687,000	18,156,000	19,554,000	15,197,000	14,794,000	72,388,000	129,657,000	
CF Bonds		5,603,000	41,432,000	42,653,000	20,700,000	13,374,000	123,762,000	133,495,000	
PayGo		28,000	80,000	30,000	30,000	30,000	198,000	30,000	
<b>Total Funding</b>		<b>10,318,000</b>	<b>59,668,000</b>	<b>62,237,000</b>	<b>35,927,000</b>	<b>28,198,000</b>	<b>196,348,000</b>	<b>263,182,000</b>	

### SEWER PROJECTS

#### Studies

7070007133 - Sewer Easement Study & Acquisition	474,000	116,000	106,000	106,000	106,000	0	434,000	0	908,000	Added
	<b>474,000</b>	<b>116,000</b>	<b>106,000</b>	<b>106,000</b>	<b>106,000</b>	<b>0</b>	<b>434,000</b>	<b>0</b>	<b>908,000</b>	

#### New/Additional Capacity

7071007088 - Hughesville Package Treatment Plant	8,263,000	1,226,000	4,226,000	5,776,000	5,776,000	5,756,000	22,760,000	6,062,000	37,085,000	-4%
7071007109 - Zekiah Interceptor Sewer Upgrades	4,164,000	496,000	3,526,000	611,000	0	0	4,633,000	0	8,797,000	65%
7071007138 - Hughesville Sewer System	3,779,000	686,000	2,736,000	6,136,000	6,136,000	6,136,000	21,830,000	5,506,000	31,115,000	1%
Reclaimed Water Elevated Storage Tank - new		190,000	163,000	225,000	1,575,000	2,763,000	4,916,000	2,763,000	7,679,000	New
	<b>16,206,000</b>	<b>2,598,000</b>	<b>10,651,000</b>	<b>12,748,000</b>	<b>13,487,000</b>	<b>14,655,000</b>	<b>54,139,000</b>	<b>14,331,000</b>	<b>84,676,000</b>	

#### Upgrades/Improvements

7405000001 - MWWTP Headworks Improvements	2,656,000	156,000	156,000	6,556,000	6,831,000	1,881,000	15,580,000	0	18,236,000	-13%
7405007078 - MWWTP Electrical System Rplmt Study	25,341,010	5,256,000	2,753,000	524,000	0	0	8,533,000	0	33,874,010	3%
7405007101 - MWWTP Utility Wtr Sys Improvemnts	3,526,000	156,000	156,000	231,000	231,000	1,225,000	1,999,000	2,001,000	7,526,000	-81%
7405007130 - MWWTP Septage Receiving Facility Im	4,155,000	131,000	131,000	1,084,000	5,194,000	2,031,000	8,571,000	0	12,726,000	0%
7405007164 - MWWTP Effluent Filters Improvements	11,468,000	5,410,000	12,185,000	12,354,000	0	0	29,949,000	0	41,417,000	24%
7405007167 - MWWTP Effluent PS Forcemain Srge	3,358,000	386,000	386,000	386,000	5,466,000	5,476,000	12,100,000	0	15,458,000	99%
7405007168 - MWWTP Belt Filter Press Replmt PII	14,822,020	1,948,000	0	0	0	0	1,948,000	0	16,770,020	53%
7408000000 - MWWTP Clarifier & Thickener Repairs	25,506,000	4,181,000	0	0	0	0	4,181,000	0	29,687,000	30%
7409100000 - MWWTP Process Improvements (Parent)	9,712,000	311,000	836,000	3,919,000	8,332,000	40,308,000	53,706,000	139,308,000	202,726,000	-83%
7409200000 - MWWTP BNR Improvements Parent	8,196,000	131,000	131,000	306,000	306,000	6,512,000	7,386,000	9,299,000	24,881,000	-92%
	<b>108,740,030</b>	<b>18,066,000</b>	<b>16,734,000</b>	<b>25,360,000</b>	<b>26,360,000</b>	<b>57,433,000</b>	<b>143,953,000</b>	<b>150,608,000</b>	<b>403,301,030</b>	

NOTE: Numbers may be off slightly due to rounding.

# **PROPOSED WATER AND SEWER CAPITAL IMPROVEMENT PLAN FY2026**

Proposal Name	Prior Approp.	FY2026 Expenses	FY2027 Expenses	FY2028 Expenses	FY2029 Expenses	FY2030 Expenses	5 yr total	Beyond FY2030 Expenses	Total Project	26-'29 % Chg.
<b><u>Pump Stations</u></b>										
7076007107 - WURC: Zekiah Pump Station Upgrade	3,773,000	486,000	5,886,000	5,936,000	3,406,000	0	15,714,000	0	19,487,000	2%
7076007108 - WURC: Zekiah Pump Station Forcemn	2,390,000	211,000	1,184,000	1,211,000	0	0	2,606,000	0	4,996,000	9%
7406000000 - Pump Stations Rehas & Rpl (PARENT)	9,873,020	1,785,000	6,460,000	5,690,000	3,036,000	2,643,000	19,614,000	2,614,000	32,101,020	-25%
	<b>16,036,020</b>	<b>2,482,000</b>	<b>13,530,000</b>	<b>12,837,000</b>	<b>6,442,000</b>	<b>2,643,000</b>	<b>37,934,000</b>	<b>2,614,000</b>	<b>56,584,020</b>	
<b><u>Infiltration/Inflow</u></b>										
7404000000 - Mattawoman I and I Phase II	19,211,330	(4,857,000)	1,256,000	1,256,000	1,456,000	1,256,000	367,000	1,256,000	20,834,330	-107%
	<b>19,211,330</b>	<b>(4,857,000)</b>	<b>1,256,000</b>	<b>1,256,000</b>	<b>1,456,000</b>	<b>1,256,000</b>	<b>367,000</b>	<b>1,256,000</b>	<b>20,834,330</b>	
<b><u>Automation</u></b>										
7405007083 - Mattawoman WWTP Automation	13,341,000	1,598,000	581,000	221,000	0	0	2,400,000	0	15,741,000	39%
6407000000 - Automation & Technology Master II	2,157,755	90,000	493,000	501,000	524,000	524,000	2,132,000	524,000	4,813,755	56%
	<b>15,498,755</b>	<b>1,688,000</b>	<b>1,074,000</b>	<b>722,000</b>	<b>524,000</b>	<b>524,000</b>	<b>4,532,000</b>	<b>524,000</b>	<b>20,554,755</b>	
<b><u>New Buildings</u></b>										
6400000001 - Utilities Waldorf Regional Facility	253,000	159,000	65,000	118,000	170,000	452,000	964,000	4,969,000	6,186,000	-87%
6400000002- Utilities Professional Development	0	0	0	0	123,000	395,000	518,000	379,000	897,000	-85%
	<b>253,000</b>	<b>159,000</b>	<b>65,000</b>	<b>118,000</b>	<b>293,000</b>	<b>847,000</b>	<b>1,482,000</b>	<b>5,348,000</b>	<b>7,083,000</b>	
<b><u>Satellite Facilites/Other Improvements</u></b>										
7407000000 - Satellite Wstwr Facility (PARENT)	9,481,430	187,000	2,437,000	2,187,000	1,787,000	1,328,000	7,926,000	1,437,000	18,844,430	-12%
7402007080 - White Plains Failing Septic Sewer	4,612,000	25,000	0	0	0	0	25,000	0	4,637,000	Added
7402007123 - Clifton WWTP Improvements	14,352,000	263,000	750,000	1,213,000	750,000	0	2,976,000	0	17,328,000	Added
7402007132 - Post Office Rd Sewer Capacity Impro	7,505,000	81,000	81,000	824,000	0	0	986,000	0	8,491,000	5%
	<b>35,950,430</b>	<b>556,000</b>	<b>3,268,000</b>	<b>4,224,000</b>	<b>2,537,000</b>	<b>1,328,000</b>	<b>11,913,000</b>	<b>1,437,000</b>	<b>49,300,430</b>	<b>-96%</b>
7040007999 - Sewer Contingency	15,755,190	0	1,155,000	3,025,000	4,316,000	9,383,000	17,879,000	27,193,000	60,827,190	
<b>TOTAL SEWER</b>	<b>228,124,755</b>	<b>20,808,000</b>	<b>47,839,000</b>	<b>60,396,000</b>	<b>55,521,000</b>	<b>88,069,000</b>	<b>272,633,000</b>	<b>203,311,000</b>	<b>704,068,755</b>	<b>-30%</b>
<b><u>Revenues:</u></b>										
UF Bonds		10,267,000	22,725,000	26,507,000	24,836,000	42,674,000	127,008,000	102,888,000		
CF Bonds		7,583,000	22,456,000	30,184,000	27,480,000	37,055,000	124,759,000	77,803,000		
PayGo		28,000	80,000	30,000	30,000	30,000	198,000	30,000		
Total County Funding		17,878,000	45,261,000	56,721,000	52,346,000	79,759,000	251,965,000	180,721,000		
WSSC		2,930,000	2,578,000	3,675,000	3,175,000	8,310,000	20,668,000	22,591,000		
<b>Total Funding</b>		<b>20,808,000</b>	<b>47,839,000</b>	<b>60,396,000</b>	<b>55,521,000</b>	<b>88,069,000</b>	<b>272,633,000</b>	<b>203,312,000</b>		
<b>Total Water and Sewer</b>	<b>326,309,830</b>	<b>31,126,000</b>	<b>107,507,000</b>	<b>122,633,000</b>	<b>91,448,000</b>	<b>116,267,000</b>	<b>468,981,000</b>	<b>466,493,000</b>	<b>1,261,783,830</b>	

NOTE: Numbers may be off slightly due to rounding.