ST. MARY'S COUNTY METROPOLITAN COMMISSION

CAPITAL IMPROVEMENT BUDGET & PLAN



FY 2025 - FY 2030

FY 2025 - FY 2030 CAPITAL IMPROVEMENT BUDGET MESSAGE

MetCom continues to identify economies within the Capital Improvement Budget (CIB) in an effort to further reduce MetCom's outstanding/proposed future debt, maintain reasonable charges to its customers and reflect the current priorities in water and sewer infrastructure needs. We will continue to construct, operate and maintain public water supply and public wastewater conveyance and treatment systems in a manner that is sustainable, reliable, economical and safe for the Commission's employees, the environment, and the citizens of St. Mary's County.

During the FY 2025 budget process, MetCom's goal was to support the forward motion of the recommended Water & Sewer Facilities Plan with respect to project timing and financial impact. Along with the Plan, more realistic scheduling, updated estimates, progress on the backlog of existing projects, and the further lowering of MetCom's outstanding and proposed future debt has resulted in both sustainable and workable plans. The FY 2025 budget supports the upgrade to the existing Forest Run and Piney Point Wastewater Pump Stations, the Maryland 247 / Loveville Road Water Main project and the addition of a recurring Fire Flow Enhancement project starting in FY 2026. In conjunction with the County Highways project for infrastructure improvements in the Southampton Subdivision, MetCom has shifted construction funding out to FY 2026 for the first phase of replacement and rehabilitation of sewer and water infrastructure in the subdivision. The Commission has maintained the addition of approximately \$1M per year into the capital program to create annual service line renewal & rehabilitation projects for both water and sewer infrastructure through FY 2030 and continuance of a prioritized vehicle/equipment replacement program. The newly established sewer connection incentive program for customers continues to be funded and, in FY 2025, includes the addition of both a water incentive connection program and an Inflow & Infiltration loan program which will be available to assist financial hardship applicants. Equivalent Dwelling Unit (EDU) projections are being maintained flat to reflect a ≤1 growth rate. There is no change to the Water Capital Contribution Charges, which remain unchanged for the seventh (7th) consecutive year and Sewer Capital Contribution Charges will be only \$142.81 higher for residential properties than projected in FY 2024. System Improvement Charges utilized for system replacement and repair will increase by \$1.35 and \$0.72 per month for water and sewer residential customers, respectively.

The proposed FY 2025 CIB was approved by both the Commissioners of St. Mary's County and the Metropolitan Commission Board, in accordance with Section 113-30 of the Code of St Mary's County. The FY 2025 CIB funding request is \$2,075,398 lower for Sewer Projects and \$1,661,982 lower for Water Projects than projected in FY 2024. The maintenance of existing infrastructure remains the primary focus of the Commission through FY 2030, with 80% of the funding dedicated to rehabilitation/replacement projects and 20% to expansions/upgrades.

The Metropolitan Commission adopted a Debt Policy with several Key Performance Measures (Service Affordability, Sufficient Operational Reserves, Debt Service Coverage Ratio, and Outstanding Debt vs Operating/Debt Service Revenues). The Commission achieved all measures, which demonstrates that MetCom is in strong overall financial condition, as evidenced by comparative, national medians and industry best practices. In addition, MetCom is able to carry out the planned Capital Improvement Budget and five (5) year Plan within the recently legislated (HB 862 Ch.510) debt calculation of 1.26% of the Assessed Value Real Property Base of St. Mary's County, Maryland.

We are striving to become stronger leaders in the protection of the environment and to ensure that safety is built into our daily operations and executed in the development of new programs. We will strive to become a more responsive, efficient organization by exploring, identifying and implementing best practices and processes that are innovative and "open" to next century technologies as they are developed.

In accordance with Chapter 113-27D and 30A of the Public Laws of St. Mary's County, Maryland being part of Article 19 of the Code of Public Laws of the State of Maryland, a Public Hearing was held on April 16, 2024, to discuss the recommended FY 2025 Capital Improvement Budget, the FY 2026-2030 Plan and proposed charges. The hearing was advertised in The Enterprise on March 29, April 5, and April 12, 2024, posted on social media, and notices mailed to all customers.

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Approved by the St. Mary's County Metropolitan Commission

Gerald E. Meyerman, Chairperson

May 21, 2024
Date Approved

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Sewer

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
Rehabilitation / Replacement										
Various Rehabilitation at MTWRF	2	SM2512	\$1,731,988		\$137,664 ^A		\$193,705 ^A		\$412,178 ^A	\$743,547
Piney Point Road Force Main Replacement	2	5171MS	\$6,954,607						\$455,588 ^A	\$455,588
Piney Point FM Booster Pump Station	1	5241MS	\$395,000			\$3,125,313 ^A				\$3,125,313
Southampton Sewer System Rehabilitation	2	8201SR	\$982,762		\$2,952,266					\$2,952,266
Inflow & Infiltration Sewer Replacement, Rehabilitation and Upgrade	4	SM2506	\$775,657		\$405,366	\$417,527	\$430,053	\$442,955	\$456,243	\$2,152,144
Manhole Rehabilitation	4	SM2505	\$113,749	\$116,838	\$120,343	\$123,953	\$127,672	\$131,502	\$135,447	\$755,755
Wastewater System Renewal & Rehabilitation	4	SM2510	\$750,000	\$772,500	\$795,675	\$819,545	\$844,132	\$869,456	\$895,539	\$4,996,847
Glenn Forest to NAS Interceptor	1					\$180,218				\$180,218
Generator Replacement-Sewer	4	SM2503	\$123,600	\$143,221	\$147,518	\$151,944	\$156,502	\$161,197	\$166,033	\$926,415
Stark Drive & Bloch Ave. Sewer Main Replacement	1				\$572,886					\$572,886
FDR Blvd Sewer Main Replacement	1						\$629,159			\$629,159
Spring Valley Drive Sewer Main Replacement	1			\$63,860	\$326,757					\$390,617
Wildewood Pkwy Force Main Replacement	1			\$79,310	\$389,350					\$468,660
MD 5 from MD 246 to MD 471-SEWER	2	8203SR	\$2,493	\$0 E	\$690,156					\$690,156
FY 2025 CIB (FY25-FY30) Rehabilitation / Replacement =			\$11,829,856	\$1,175,729	\$6,537,981	\$4,818,500	\$2,381,223	\$1,605,110	\$2,521,028	\$19,039,571
Approved FY 2024 CIB (FY24-FY29)			V: 1,020,000	. , ,			. , ,	, , ,	, , ,	
, , , ,				\$1,553,376	\$5,809,697	\$1,676,304	\$2,170,129	\$1,587,199	\$0	\$12,796,705
Change to Program from FY2024 CIB				-\$377,647	\$728,284	\$3,142,196	\$211,094	\$17,911	\$2,521,028	\$6,242,866

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A New Project
- B Scope Change
- C Timing Change (Moved Up)
- D Timing Change (Moved Out)
- E Updated Estimate

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Sewer

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
Pump Stations										
Bradley Boulevard WWPS	1	8211SS	\$38,439	\$351,157						\$351,157
Forest Run WWPS	1	8221SS	\$1,844,130	\$9,597,421 ^E						\$9,597,421
Greenbrier WWPS	2			\$47,098	\$388,088					\$435,186
Hunting Quarters WWPS	1			\$398,564						\$398,564
Broad Creek WWPS	1					\$426,776	\$2,677,065			\$3,103,841
Piney Point WWPS Upgrade	2	5081SR	\$10,769,434	\$393,560						\$393,560
					•					
FY 2025 CIB (FY25-FY30) Pump Stations =			\$12,652,003	\$10,787,800	\$388,088	\$426,776	\$2,677,065	\$0	\$0	\$14,279,729

Approved FY 2024 CIB (FY24-FY29)	\$10,394,240	\$388,088	\$426,776	\$2,677,065	\$0	\$0	\$13,886,169
Change to Program from FY2024 CIB	\$393,560	\$0	\$0	\$0	\$0	\$0	\$393,560

Status:

1 Planning Phase

2 Design Phase

3 Contract Phase

4 Construction Phase

5 Close-out Phase

Property Acquisition (to be initiated after Planning)

A - New Project

B - Scope Change

C - Timing Change (Moved Up)

D - Timing Change (Moved Out)

E - Updated Estimate

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Sewer

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
System Upgrades / Expansion		•								
Sewer Vehicle & Equipment Replacement/New	1	SM2522	\$580,000	\$235,000 ^B	\$180,000 ^E	\$75,000 A		\$60,000 A		\$550,000
Grinder Pump Replacements	4	SM2509	\$805,460	\$829,624	\$854,513	\$880,148	\$906,552	\$933,749	\$961,761	\$5,366,347
Marlay-Taylor Expansion	1					\$365,171		\$3,357,556		\$3,722,727
Enterprise Resource Planning-Sewer	1						\$337,653			\$337,653
Exterior Petty Bldg Upgrades-SEWER	2	8131BD	\$410,950		\$1,043,577 ^B		\$1,353,864 ^B			\$2,397,442
St. Clements Shores Servce Area Public Sewer Extension A	1				\$351,000 ^A		\$3,000,000 ^A			\$3,351,000
FY 2025 CIB (FY25-FY30) System Upgrades / Expansion =			\$1,796,410	\$1,064,624	\$2,429,090	\$1,320,319	\$5,598,069	\$4,351,305	\$961,761	\$15,725,169
Approved FY 2024 CIB (FY24-FY29)				\$3,001,935	\$1,044,513	\$1,245,319	\$1,244,205	\$4,291,305	\$0	\$10,827,277
Change to Program from FY2024 CIB				-\$1,937,311	\$1,384,577	\$75,000	\$4,353,864	\$60,000	\$961,761	\$4,897,892
Totals										
Rehabilitation / Replacement			\$11,829,856	\$1,175,729	\$6,537,981	\$4,818,500	\$2,381,223	\$1,605,110	\$2,521,028	\$19,039,571
Pump Stations			\$12,652,003	\$10,787,800	\$388,088	\$426,776	\$2,677,065	\$0	\$0	\$14,279,729
System Upgrades / Expansion			\$1,796,410	\$1,064,624	\$2,429,090	\$1,320,319	\$5,598,069	\$4,351,305	\$961,761	\$15,725,169
Subtotal			\$26,278,269	\$13,028,153	\$9,355,159	\$6,565,595	\$10,656,357	\$5,956,415	\$3,482,789	\$49,044,468
Capital Reserves		8.00%	\$2,102,000	\$1,042,000	\$748,000	\$525,000	\$853,000	\$477,000	\$279,000	\$3,924,000
FY 2025 CIB (FY25-FY30) Totals =			\$28,380,269	\$14,070,153	\$10,103,159	\$7,090,595	\$11,509,357	\$6,433,415	\$3,761,789	\$52,968,468
Approved FY 2024 CIB (FY24-FY29)		\$16,145,551	\$7,821,298	\$3,616,399	\$6,578,399	\$6,348,504	\$0	\$40,510,150		
Change to Program from FY2024 CIB	Change to Program from FY2024 CIB					\$3,474,196	\$4,930,958	\$84,911	\$3,761,789	\$12,458,318

Status:

- 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A New Project
- B Scope Change
- C Timing Change (Moved Up)
 D Timing Change (Moved Out)
 E Updated Estimate

\$6,640,567

\$7,436,024

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Water

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
Water Lines										
Water and Service Line Renewal & Rehabilitation	1	WO2502	\$491,727	\$506,479	\$521,673	\$537,323	\$553,443	\$570,046	\$587,148	\$3,276,110
Southampton Water System Rehabilitation	2	8201WL	\$2,158,038		\$2,129,744					\$2,129,744
MD247 Loveville Road Water Main Replacement	1	3231WL	\$1,721,200	\$179,360	\$2,309,263					\$2,488,623
Breton Bay Water System Replacement	2	2201WL	\$4,686,911		\$292,227		\$2,099,090	\$2,162,063		\$4,553,380
Town Creek Water System Phase 1 - 5	2	8161WL 8241WL	\$6,096,508		\$4,175,565		\$5,075,480		\$5,589,781	\$14,840,826
Various Fire Flow Enhancements	1				\$327,376 ^B	\$34,778 ^B	\$519,413 ^B	\$36,896 ^B	\$463,638 B	\$1,382,101
MD 5 from MD 246 to MD 471-WATER	2	8203WL	\$1,313	\$0 ^E	\$456,170					\$456,170
FY 2025 CIB (FY25-FY30) Water Lines =			\$15,155,696	\$685,839	\$10,212,018	\$572,101	\$8,247,426	\$2,769,005	\$6,640,567	\$29,126,954
Approved FY 2024 CIB (FY24-FY29)				\$685,839	\$9,705,228	\$537,323	\$7,728,013	\$3,034,528	\$0	\$21,690,930

\$0

\$506,790

\$34,778

\$519,413

-\$265,524

Status:

1 Planning Phase

2 Design Phase

3 Contract Phase

4 Construction Phase

5 Close-out Phase

Property Acquisition (to be initiated after Planning)

Change to Program from FY2024 CIB

A - New Project

B - Scope Change

C - Timing Change (Moved Up)

D - Timing Change (Moved Out)

E - Updated Estimate

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Water

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
Wells										
Well Rehabilitation, Replacement, Installation and Inspections	1	WO2501	\$60,100	\$303,887	\$63,760	\$322,394	\$67,643	\$598,549	\$71,763	\$1,427,996
FY 2025 CIB (FY25-FY30) Wells =	<u>'</u>	•	\$60,100	\$303,887	\$63,760	\$322,394	\$67,643	\$598,549	\$71,763	\$1,427,996
						'				
Approved FY 2024 CIB (FY24-FY29)				\$303,887	\$63,760	\$322,394	\$67,643	\$342,028	\$0	\$1,099,712
Change to Program from FY2024 CIB				\$0	\$0	\$0	\$0	\$256,521	\$71,763	\$328,284
Water Storage Tanks (WST)										
St. Clements Shores Water Storage Tank	1	2191WT	\$249,075			\$7,028,099 E				\$7,028,099
Water Tank Inspections, Painting and Replacement/Upgrades	4	WO2517	\$903,212	\$109,551	\$783,418	\$116,223	\$769,563	\$135,044	\$881,744	\$2,795,543
FY 2025 CIB (FY25-FY30) Water Storage Tanks (WST) =			\$1,152,287	\$109,551	\$783,418	\$7,144,322	\$769,563	\$135,044	\$881,744	\$9,823,642
(120112)			1 +-,,	· · · · · · ·		,,	*, -	, ,,,,,,,,	+,-	+-,,•
oproved FY 2024 CIB (FY24-FY29)				\$109,551	\$783,418	\$3,024,987	\$831,128	\$362,111	\$0	\$5,111,195
Change to Program from FY2024 CIB	ange to Program from FY2024 CIB				\$0	\$4,119,335	-\$61,565	-\$227,067	\$881,744	\$4,712,447

- Status: 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
- 4 Construction Phase
- 5 Close-out Phase

- A New Project
- B Scope Change
- C Timing Change (Moved Up)
- D Timing Change (Moved Out)
- E Updated Estimate

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2025 - 2030 Water

With Escalation i=3.0%

Project Name	Status	Project ID	Prior Approved	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	FY 2025 - 2030 TOTAL
Miscellaneous	Otatao	1 Tojout ID	· iici / ppictou	1 1 2020	112020	112021	112020	1 1 2020	1 1 2000	
Generator Replacement-Water	2	WO2503	\$123,600	\$143,221	\$147,518	\$151,944	\$156,502	\$161,197	\$166,033	\$926,415
Enterprise Resource Planning-Water	1						\$337,653			\$337,653
Water Vehicle & Equipment Replacement/New	2			\$240,000 B		\$81,955 ^A		\$69,556 A		\$391,511
Piney Point Water Station Upgrades	2	5161 WF	\$1,638,996							\$0
Advanced Metering Infastructure (AMI) Upgrade	1								\$150,000 A	\$150,000
Exterior Petty Bldg Upgrades-WATER	2	8131BD	\$410,950		\$1,043,577 ^B		\$1,353,864 ^B			\$2,397,442
FY 2025 CIB (FY25-FY30) Miscellaneous =			\$2,173,546	\$383,221	\$1,191,095	\$233,899	\$1,848,019	\$230,753	\$316.033	\$4,203,021
LEV 2004 OID (EV 24 EV 29)			Т							
Approved FY 2024 CIB (FY24-FY29)				\$1,922,203	\$131,127	\$135,061	\$476,766	\$143,286	\$0	\$2,808,443
Change to Program from FY2024 CIB				-\$1,538,982	\$1,059,968	\$98,838	\$1,371,253	\$87,467	\$316,033	\$1,394,578
F										
Totals			045 455 000	4005.000	010 010 010	0570.404	00.047.400	** 700 005	00.040.507	\$00,400,054
Water Lines			\$15,155,696	\$685,839	\$10,212,018	\$572,101	\$8,247,426	\$2,769,005	\$6,640,567	\$29,126,954
Wells			\$60,100	\$303,887	\$63,760	\$322,394	\$67,643	\$598,549	\$71,763	\$1,427,996
Water Storage Tanks (WST) Miscellaneous			\$1,152,287 \$2,173,546	\$109,551 \$383,221	\$783,418 \$1,191,095	\$7,144,322 \$233.899	\$769,563 \$1,848,019	\$135,044 \$230,753	\$881,744	\$9,823,642 \$4,203,021
Subtotal			\$18,541,629	\$1,482,498	\$1,191,095	\$8,272,716	\$1,848,019	\$3,733,351	\$316,033 \$7,910,107	\$4,203,021
Capital Reserves		8.00%	\$1,483,000	\$1,462,498	\$980,000	\$662,000	\$875,000	\$299,000	\$633,000	\$3,568,000
·		6.00%								
FY 2025 CIB (FY25-FY30) Totals =			\$20,024,629	\$1,601,498	\$13,230,291	\$8,934,716	\$11,807,651	\$4,032,351	\$8,543,107	\$48,149,612
Approved FY 2024 CIR (FY24-FY29)	Approved FY 2024 CIB (FY24-FY29)						\$9,831,550	\$4,192,953	\$0	\$33,168,280
Change to Program from FY2024 CIB		\$3,263,480 - \$1,661,982	\$11,538,533 \$1,691,758	\$4,341,765 \$4,592,951	\$1,976,101	-\$160,603	\$8,543,107	\$14,981,332		

- Status: 1 Planning Phase
- 2 Design Phase
- 3 Contract Phase
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- A New Project
- B Scope Change
- C Timing Change (Moved Up)
- D Timing Change (Moved Out)
- E Updated Estimate

Capital Improvement Rates Per EDU - Actual & Projected

FY 2025-2030 Water & Sewer

	FY 2024 Approved	FY 2025 Approved	FY 2026 Projected	FY 2027 Projected	FY 2028 Projected	FY 2029 Projected	FY 2030 Projected
System Improvement Charges - per ED)U/month						
Draft CIB FY 25-30	Calculated	\$15.11	\$16.99	\$16.88	\$15.93	\$15.88	\$15.83
Water - Residential	Recommended	\$15.11	\$16.99	\$16.99	\$16.99	\$16.99	\$16.99
Water - Commercial	Recommended	\$18.13	\$20.39	\$20.39	\$20.39	\$20.39	\$20.39
CIB FY 24-29 - Prior Approved							
Water - Residential	\$13.76	\$14.13	\$15.81	\$15.81	\$15.81	\$15.81	
Water - Commercial	\$16.51	\$16.96	\$18.97	\$18.97	\$18.97	\$18.97	
System Improvement Charges - per ED	OU/month						
Draft CIB FY 25-30	Calculated	\$16.11	\$16.50	\$16.43	\$15.53	\$15.79	\$15.59
Sewer - Residential	Recommended	\$16.11	\$16.50	\$16.50	\$16.50	\$16.50	\$16.50
Sewer - Commercial	Recommended	\$19.33	\$19.80	\$19.80	\$19.80	\$19.80	\$19.80
CIB FY 24-29 - Prior Approved							
Sewer - Residential	\$15.39	\$16.18	\$16.18	\$16.18	\$16.18	\$16.18	
Sewer - Commercial	\$18.47	\$19.42	\$19.42	\$19.42	\$19.42	\$19.42	
Capital Contributon Charge - per EDU							
Draft CIB FY 25-30	Calculated	\$7,444.91	\$7,441.41	\$7,455.67	\$6,028.35	\$6,031.54	\$5,499.82
Water - Residential	Recommended	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87
Water - Commercial	Recommended	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04
CIB FY 24-29 - Prior Approved		V.O,I.II.O.I	4.0,1.110.	\$10,11101	VIO,IIIIO I	VIO,IIIIO I	4.0,1.11.0 .1
Water - Residential	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	
Water - Commercial	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	
Capital Contributon Charge - per EDU							
Draft CIB FY 25-30	Calculated	\$8,924.64	\$8,746.04	\$8,755.02	\$8,151.42	\$8,151.91	\$8,127.02
Sewer - Residential	Recommended	\$8,924.64	\$8,924.64	\$8,924.64	\$8,924.64	\$8,924.64	\$8,924.64
Sewer - Commercial	Recommended	\$10,709.56	\$10,709.56	\$10,709.56	\$10,709.56	\$10,709.56	\$10,709.56
CIB FY 24-29 - Prior Approved							
Sewer - Residential	\$6,941.21	\$8,781.34	\$9,425.17	\$9,434.15	\$9,434.15	\$9,434.15	
Sewer - Commercial	\$8,329.44	\$10,537.60	\$11,310.19	\$11,320.97	\$11,320.97	\$11,320.97	

Assumptions:

New debt based on 30 year term (actual debt may be shorter term depending on the projected life of the asset.)

System Improvement Charges are designed to cover debt service for loans for the upgrade and replacement of existing systems and direct pay of smaller projects. Paid by all customers with an EDU allocation on the system.

Capital Contribution Charges are designed to cover the debt service for loans to build new water supply and storage and sewer collection and treatment systems and to expand capacity to provide service to new customers. All Revenues associated with new EDU's are calculated at the Residential rate. Commercial rates are established at 1.2 x the Residential rate.

WATER - System Improvement Costs Recovered Through Uniform EDU-Based Assessment on all Customers

	F	Y 2024		FY 2025		FY 2026		FY 2027		FY 2028		FY 2029		FY 2030
WATER														
Amortized Cost of:														
Existing System Improvements (C1)	\$ 3	3,220,241	\$	3,218,568	\$:	3,219,798	\$	3,201,673	\$	2,927,401	\$	2,927,401	\$	2,928,487
New System Improvements (C2)		1,387,234		1,414,608		2,009,564		2,009,564		2,009,564		2,009,564		2,009,564
System Improvement Costs	\$ 4	4,607,475	\$	4,633,177	\$	5,229,362	\$	5,211,237	\$	4,936,965	\$	4,936,965	\$	4,938,051
Water Debt Service Reserves Applied														
Net System Improvement Costs	\$ 4	4,607,475	\$	4,633,177	\$	5,229,362	\$	5,211,237	\$	4,936,965	\$	4,936,965	\$	4,938,051
Projected EDUs (incl. unserved)		25,467		25,556		25,645		25,734		25,823		25,912		26,001
,		,								,		,- :_		
Calculated Residential Assessment (\$/mo/EDL	\$	13.76	\$	15.11	\$	16.99	\$	16.88	\$	15.93	\$	15.88	\$	15.83
Residential Actual/Proposed Rate	\$	13.76	\$	15.11	\$	16.99	\$	16.99	\$	16.99	\$	16.99	\$	16.99
Commercial Actual/Proposed Rate	\$	16.51	\$	18.13	\$	20.39	\$	20.39	\$	20.39	\$	20.39	\$	20.39
Residential Increase	\$	0.89	\$	1.35	\$	1.88	\$	-	\$	-	\$	-	\$	-
Increase %		7%		10%		12%		0%		0%		0%		0%
Commercial Increase	\$	1.07	\$	1.62	\$	2.26	\$	-	\$	-	\$	-	\$	-
Water Capital Project Upgrade Reserves														
Beginning Balance	į	5,161,219		1,714,156		651,018		(81,933)		(1,175,848)	((1,962,620)	((2,947,264)
Committed FY20 & Prior		, ,		, ,				, , ,		,		· · · /		·
Estimated Gain/Loss		-		-		-		33,969		328,469		345,148		361,934
Proposed Projects *	(;	3,447,063)	((1,063,138)		(732,951)	((1,127,884)		(1,115,241)	((1,329,792)		(974,944)
Projected Ending Blance		1,714,156		651,018		(81,933)	((1,175,848)		(1,962,620)	((2,947,264)	((3,560,274)
									_					

SEWER - System Improvement Costs Recovered Through Uniform EDU-Based Assessment on all Customers

		FY 2024		FY 2025		FY 2026		FY 2027		FY 2028		FY 2029	I	Y 2030
SEWER														
Amortized Cost of:														
Existing System Improvements (C1)	\$	4,568,249	\$	4,511,096	\$	4,263,307	\$	4,269,887	\$	4,020,478	\$	4,022,652	\$	3,986,412
New System Improvements (C2) Direct Pay		618,896		963,355		1,358,728		1,358,728		1,358,728		1,358,728		1,358,728
System Improvement Costs	\$	5,187,145	\$	5,474,451	\$	5,622,034	\$	5,628,615	\$	5,379,206	\$	5,381,379	\$	5,345,140
Other Metcom Funds														
Sewer Debt Services Reserves - Projected	\$	2,623,436	\$	576,553	\$	579,436	\$	582,333	\$	585,245	\$	588,171	\$	591,112
Interest income		13,117		2,883		2,897		2,912		2,926		2,941		2,956
Applied to System Improvement Cost		2,060,000												
Navy Payment thru 5/30/28		80,049		80,049		80,049		80,049		80,049				
Navy Payment - ENR loan thru 6/1/34		497,615	١.	497,615	١.	497,615		497,615		497,615		497,615		497,615
Net System Improvement Cost	\$	2,549,481	\$	4,896,787	\$	5,044,370	\$	5,050,951	\$	4,801,542	\$	4,883,764	\$	4,847,525
Projected EDUs (incl. unserved)		25,180		25,327		25,474		25,621		25,768		25,768		25,915
Calculated Residential Assessment (\$/mo/EDU)	\$	15.26	\$	16.11	\$	16.50	\$	16.43	\$	15.53	\$	15.79	\$	15.59
Residential Actual/Proposed Rate	\$	15.39	\$	16.11	\$	16.50	\$	16.50	\$	16.50	\$	16.50	\$	16.50
Commercial Actual/Proposed Rate	\$	18.47	\$	19.33	\$	19.80	\$	19.80	\$	19.80	\$	19.80	\$	19.80
Residential Increase	\$	_	\$	0.72	\$	0.39	\$	_	\$	_	\$	_	\$	_
Increase %	·	0.00%		4.68%		2.42%	·	0.00%	·	0.00%	·	0.00%	·	0.00%
Commercial Increase	\$	-	\$	0.86	\$	0.47	\$	-	\$	-	\$	-	\$	-
Sewer Capital Project Upgrade Reserves														
Beginning Balance		5,224,165		1,696,342		616,685		(1,377,969)		(2,451,889)		(4,241,666)	(5,184,278)
Committed FY21 & Prior				•		•		. ,		. ,		. ,	`	. ,
Estimated Gain/Loss		39,281		-		-		21,522		299,940		219,543		282,992
Proposed Projects *		(3,567,104)	(1,079,657)	((1,994,654)		(1,095,442)		(2,089,717)		(1,162,155)	(1,609,197)
Projected Ending Blance		1,696,342		616,685	-	(1,377,969)		(2,451,889)		(4,241,666)		(5,184,278)		6,510,483)
-	_		Ī		Ī							<u> </u>		

WATER - Capital Contribution to Recover Cost of Capacity Expansion and Service Area Expansion Paid By New Customers

	FY 2024	FY 2025	1	FY 2026	FY 2027	ı	FY 2028	FY 2029	FY 2030
WATER									
Debt Service for:									
Service Area Expansion (A1) Debt Outstanding	\$ 92,514	\$ 92,735	\$	92,803	\$ 92,989	\$	92,989	\$ 92,989	\$ 93,209
New Service Area Expansion (A2)	_	_		-	-		-	-	-
Existing non-allocated Capacity (B1)	486,782	488,210		487,831	488,914		361,883	362,167	314,624
New Capacity Expansion (B2)	81,652	81,652		81,652	81,652		81,652	81,652	81,652
Total Amortized Cost	\$ 660,947	\$ 662,597	\$	662,285	\$ 663,555	\$	536,523	\$ 536,807	\$ 489,484
Other MetCom Funds									
Water Supply & Storage Fees	\$ 100,610	\$ 101,113	\$	101,619	\$ 102,127	\$	102,638	\$ 103,151	\$ 103,667
Interest Income	503	506		508	511		513	516	518
Applied to Capital Contribution Charge									
Net Capital Contribution Costs	\$ 660,947	\$ 662,597	\$	662,285	\$ 663,555	\$	536,523	\$ 536,807	\$ 489,484
Projected New EDUs (Hold flat in FY24)	89	89		89	89		89	89	89
Actual EDU's (Thru 6/30/19)									
Calculated Residential Assessment (\$/EDU)	\$ 7,426.37	\$ 7,444.91	\$	7,441.41	\$ 7,455.67	\$	6,028.35	\$ 6,031.54	\$ 5,499.82
Residential Actual/Proposed Rate	\$ 10,955.87	\$ 10,955.87	\$	10,955.87	\$ 10,955.87	\$	10,955.87	\$ 10,955.87	\$ 10,955.87
Commercial Actual/Proposed Rate	\$ 13,147.04	\$ 13,147.04	\$	13,147.04	\$ 13,147.04	\$	13,147.04	\$ 13,147.04	\$ 13,147.04
Residential Increase	\$ -	\$ -	\$	-	\$ -			\$ _	\$ -
Increase %	0%	0%		0%	0%		0%	0%	0%
Commercial Increase	\$ -	\$ -	\$	-	\$ -	\$	-	\$ -	\$ -
Water Capital Project Expansion Reserves									
Beginning Balance	3,227,760	3,541,886		3,854,361	1,857,885	:	2,169,403	2,169,403	2,607,952
Projected Gain/Loss	314,126	312,475		312,787	311,518		438,549	438,265	485,588
Committed FY24 & Prior									
Proposed Projects	 -	-		2,309,263)	-		-	-	(2,309,263)
Projected Ending Balance **	 3,541,886	3,854,361		1,857,885	2,169,403		2,607,952	2,607,668	784,277

SEWER - Capital Contribution to Recover Cost of Capacity Expansion and Service Area Expansion Paid By New Customers

	1	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
SEWER								
Debt Service for:								
Service Area Expansion (A1) After Issue 21	\$	140,609	\$ 134,789	\$ 104,192	\$ 104,681	\$ 104,432	\$ 104,407	\$ 105,147
New Service Area Expansion (A2)		-	-	-	-	-	-	-
Existing non-allocated Capacity (B1)		529,427	529,102	501,781	502,611	414,131	414,229	409,830
New Capacity Expansion (B2)		223,813	647,959	679,695	679,695	679,695	679,695	679,695
Total Amortized Cost	\$	893,849	\$ 1,311,850	\$ 1,285,668	\$ 1,286,988	\$ 1,198,259	\$ 1,198,331	\$ 1,194,672
Marlay-Taylor Sinking Fund	\$	707,104	\$ 707,104	\$ 707,104	\$ 707,104	\$ 707,104	\$ 707,104	\$ 707,104
Marlay-Taylor Sinking Fund Applied								
Net Debt Service	\$	893,849	\$ 1,311,850	\$ 1,285,668	\$ 1,286,988	\$ 1,198,259	\$ 1,198,331	\$ 1,194,672
Projected New EDUs (Hold Flat in FY24) Actual EDU's (Thru 6/30/19)		147	147	147	147	147	147	147
Calculated Residential Assessment (\$/EDU)	\$	6,080.61	\$ 8,924.64	\$ 8,746.04	\$ 8,755.02	\$ 8,151.42	\$ 8,151.91	\$ 8,127.02
Residential Actual/Proposed Rate	\$	6,941.21	\$ 8,924.64	\$ 8,924.64	\$ 8,924.64	\$ 8,924.64	\$ 8,924.64	\$ 8,924.64
Commercial Actual/Proposed Rate	\$	8,329.44	\$ 10,709.55	\$ 10,709.55	\$ 10,709.55	\$ 10,709.55	\$ 10,709.55	\$ 10,709.55
Residential Increase	\$	-	\$ 1,983.43	\$ _	\$ -	\$ -	\$ -	\$ -
Increase %		0%	29%	0%	0.0%	0%	0%	0%
Commercial Increase	\$	-	\$ 2,380.11	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Capital Project Expansion Reserves								
Beginning Balance		4,859,869	4,825,399	4,825,399	4,851,653	4,876,587	4,990,250	5,103,840
Projected Gain		126,508	-	26,254	24,934	113,663	113,590	117,249
Committed Prior								
Proposed Projects		(3,602,328)	-	<u>-</u>	<u>-</u>	<u>-</u>	-	-
Projected Ending Balance **		1,384,049	4,825,399	4,851,653	4,876,587	4,990,250	5,103,840	5,221,089