

**ST. MARY'S COUNTY  
METROPOLITAN COMMISSION  
CAPITAL IMPROVEMENT BUDGET & PLAN**



**FY 2021-FY 2026**

## FY 2021 – FY 2026 CIB 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.


Our FY 2021 capital improvement budget has very few changes made with respect to project timing. More realistic scheduling, updated estimates, progress on the backlog of existing projects, and the leveling off and further lowering of MetCom's outstanding debt and proposed future debt has resulted in a sustainable and workable plan. The CIB incorporates updated funding estimates for the Marlay Taylor Methane Co-Gen project, planned funding for St. Clements Shores Waste Water Treatment Plant, and a new CIB project for future land acquisition. The Southampton Water System Rehab and the Breton Bay Water System Replacement projects both have planned construction funding in FY 2022. The CIB will utilize a portion of our restricted reserves to continue the new customer connection incentive program with 50% deferral of sewer capital contribution charges. This new program is in accordance with Chapter 113. Reasonable Equivalent Dwelling Unit (EDU) projections are maintained for another year, with no change to the Capital Contribution and Sewer System Improvement charges.

The proposed FY 2021 CIB is less than the prior FY 2020 projection by \$1,566,331 for Water Projects and reflects an increase of \$2,484,004 for Sewer Projects as approved by both the Commissioners of St. Mary's County and the Metropolitan Commission Board.

A Debt Policy Study was completed in 2017 and 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 five (5) year Capital Improvement Budget/Plan within the legislated (HB 1055 / SB 737) combined County and MetCom's debt limit of at 2.15% of assessed value passed in 2017.

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 and be "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 6, 2020 to discuss the recommended FY 21 Capital Improvement Budget, the FY 2022-2026 Plan and proposed charges. The hearing was advertised in The Enterprise on March 25, March 27, April 1 and April 3, 2020.

  
Patricia M. Stiegman, Chief Financial Officer

Approved by the St. Mary's County Metropolitan Commission

  
Joseph I. Russell, Chairperson

6-1-2020  
Date Approved

## St. Mary's County Metropolitan Commission

Capital Improvements Budget  
FY 2021 - 2026 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>Water Lines</b>										
Shangri-La Drive & S. Essex Drive Water Main Replacement	2	8171WR 8202WL	\$185,000	\$1,159,442	\$1,188,509					\$2,347,951
Various Water and Service Line Rehabilitation	1			\$64,620		\$67,860		\$71,321		\$203,801
MD 235 Water Main-Southampton to Hermanville Rd	1			\$92,973 <sup>G</sup>		\$1,220,998 <sup>G</sup>				\$1,313,971
Southampton Water System Rehabilitation	1	8201WL	\$280,617		\$1,828,804 <sup>H</sup>		\$1,638,043 <sup>H</sup>			\$3,466,848
Hollywood Water Systems Connector & Phase 2 Replacement	1	8141WWM		\$0 <sup>D</sup>	\$156,624 <sup>D</sup>	\$0 <sup>D</sup>	\$1,947,325 <sup>D</sup>			\$2,103,949
MD247 Loveville Road Water Main Replacement	1					\$113,141 <sup>A</sup>	\$1,043,724 <sup>A</sup>			\$1,156,865
Breton Bay Water System Replacement	1	2201WL	\$315,300	\$93,227 <sup>B</sup>	\$4,588,699 <sup>C</sup>		\$203,348 <sup>E</sup>	\$2,605,391 <sup>E</sup>		\$7,490,665
Town Creek Water System Phase 1 - 4	F 4	8081WR 8161WL	\$3,344,500	\$2,842,742		\$463,795		\$3,079,421		\$6,385,957
<b>FY2021 CIB (FY21-FY26) Water Lines Subtotal =</b>			<b>\$4,125,417</b>	<b>\$4,253,004</b>	<b>\$7,762,636</b>	<b>\$1,865,794</b>	<b>\$4,832,440</b>	<b>\$5,756,133</b>	<b>\$0</b>	<b>\$24,470,007</b>
Approved FY2020 CIB (FY20 - FY25)				\$4,219,624	\$6,559,309	\$2,430,799	\$5,504,655	\$4,149,521		\$22,863,908
<b>Change to Program from FY2020 CIB</b>				<b>\$33,380</b>	<b>\$1,203,327</b>	<b>-\$565,005</b>	<b>-\$672,215</b>	<b>\$1,606,612</b>		<b>\$1,606,099</b>

**Status:**

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

- A) Moved forward 1 year from FY2024 to FY2023 due to water main leaks and audit. Escalation adjusted.
- B) Added FY2021 Design funds to prior approved to equal 10% of FY2022 construction.
- C) FY2022 Phase I construction cost estimate updated.
- D) Moved out 1 year from FY2021 based on schedule for Hollywood Commercial Center & Rescue Squad. Escalation updated.
- E) Phase 2 Design & Construction. Phase 3 moved out to FY2027 (design), FY2028 (construction).
- F) Phase 1 under construction. Phase 2 in design.
- G) Added in lieu of new 2nd well at Southgate.
- H) Added 10" loop through subdivision to create Southgate Southampton loop.

Red text denotes CIB sheets that need to be updated.

Yellow highlights denote changes from the approved FY20 CIB.

## St. Mary's County Metropolitan Commission

Capital Improvements Budget  
FY 2021 - 2026 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>Wells</b>										
Bay Ridge Well Replacement and Upgrade	1	8091WL	\$175,160	\$2,017,966						\$2,017,966
Hunting Quarter Well Replacements	1	8191WW	\$389,500	\$364,650 <sup>E</sup>						\$364,650
Charlotte Hall Well #1	1				\$830,250 <sup>B</sup>					\$830,250
Grand View Haven Well	1					\$567,338 <sup>B</sup>				\$567,338
Well Rehabilitation, Replacement, Installation and Inspections	1			\$270,000 <sup>B</sup>		\$283,669 <sup>B</sup>		\$298,029 <sup>B</sup>		\$851,698
<b>FY2021 CIB (FY21-FY26) Well Subtotal =</b>			<b>\$564,660</b>	<b>\$2,652,616</b>	<b>\$830,250</b>	<b>\$851,007</b>	<b>\$0</b>	<b>\$298,029</b>	<b>\$0</b>	<b>\$4,631,902</b>

Approved FY2020 CIB (FY20 - FY25)				\$2,017,966	\$0	\$0	\$0	\$0		\$2,017,966
<b>Change to Program from FY2020 CIB</b>				<b>\$634,650</b>	<b>\$830,250</b>	<b>\$851,007</b>	<b>\$0</b>	<b>\$298,029</b>		<b>\$2,613,936</b>

<b>Water Storage Tanks (WST)</b>										
St. Clements Shores Water Storage Tank	1	2191WT	\$249,075	\$0 <sup>F</sup>					\$2,526,968	\$2,526,968
Water Tank Inspections, Painting and Replacement/Upgrades <sup>D</sup>	4	WO2117	\$655,508 <sup>A</sup>	\$189,112 <sup>C</sup>	\$689,315	\$101,766	\$724,212	\$106,918	\$760,875	\$2,572,198
<b>FY2021 CIB (FY21-FY26) Water Storage Tanks (WST) Subtotal =</b>			<b>\$904,583</b>	<b>\$189,112</b>	<b>\$689,315</b>	<b>\$101,766</b>	<b>\$724,212</b>	<b>\$106,918</b>	<b>\$3,287,843</b>	<b>\$5,099,166</b>

Approved FY2020 CIB (FY20 - FY25)				\$2,314,473	\$688,565	\$84,825	\$723,492	\$89,175		\$3,900,530
<b>Change to Program from FY2020 CIB</b>				<b>-\$2,125,361</b>	<b>\$750</b>	<b>\$16,941</b>	<b>\$720</b>	<b>\$17,743</b>		<b>-\$2,089,207</b>

**Status:**

- 1 Planning Phase
- 2 Design Phase
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*Property Acquisition (to be initiated after Planning)*

- A) FY2020 Funds Only.
- B) New Projects.
- C) Added \$90K for Great Mills Standpipe investigation.
- D) Construction budget for ground storage/hydro tanks increased to \$90K beginning FY2021 (alternating years). Escalation recalculated for all years.
- E) Added phase 2 for the replacement of Well #2.
- F) Timing of Water Storage Tank moves from FY 2021 to FY 2026.

Red text denotes CIB sheets that need to be updated.

Yellow highlights denote changes from the approved FY20 CIB.

## St. Mary's County Metropolitan Commission

Capital Improvements Budget  
FY 2021 - 2026 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>Miscellaneous</b>										
<b>FY2021 CIB (FY21-FY26) Miscellaneous Subtotal =</b>			<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
Approved FY2020 CIB (FY20 - FY25)				\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Change to Program from FY2020 CIB</b>				<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Totals</b>										
Water Lines			\$4,125,417	\$4,253,004	\$7,762,636	\$1,865,794	\$4,832,440	\$5,756,133	\$0	\$24,470,007
Wells			\$564,660	\$2,652,616	\$830,250	\$851,007	\$0	\$298,029	\$0	\$4,631,902
Water Storage Tanks (WST)			\$904,583	\$189,112	\$689,315	\$101,766	\$724,212	\$106,918	\$3,287,843	\$5,099,166
Miscellaneous			\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Subtotal			\$5,594,660	\$7,094,732	\$9,282,201	\$2,818,567	\$5,556,652	\$6,161,080	\$3,287,843	\$34,201,075
Capital Reserves <sup>A</sup>		7.5%	\$420,000	\$532,000	\$696,000	\$211,000	\$417,000	\$462,000	\$247,000	\$2,565,000
<b>FY2021 CIB (FY21-FY26) Total=</b>			<b>\$6,014,660</b>	<b>\$7,626,732</b>	<b>\$9,978,201</b>	<b>\$3,029,567</b>	<b>\$5,973,652</b>	<b>\$6,623,080</b>	<b>\$3,534,843</b>	<b>\$36,766,075</b>
Approved FY2020 CIB (FY20 - FY25)				\$9,193,063	\$7,791,874	\$2,704,624	\$6,695,147	\$4,556,696		\$30,941,404
<b>Change to Program from FY2020 CIB</b>				<b>-\$1,566,331</b>	<b>\$2,186,327</b>	<b>\$324,943</b>	<b>-\$721,495</b>	<b>\$2,066,384</b>		<b>\$2,289,828</b>

**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) Capital Reserves adjusted to new subtotal.

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**St. Mary's County Metropolitan Commission**  
 Capital Improvements Budget  
 FY 2021 - 2026 Sewer

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>Rehabilitation/Replacement</b>										
Various Rehabilitation at MTWRF	1			\$918,000 <sup>A</sup>	\$345,937 <sup>A</sup>	\$120,822 <sup>A</sup>			\$29,699 <sup>A</sup>	\$1,414,458
Piney Point Road Sewer Line Analysis and Force Main Replacement	2	5171MS	\$505,664			\$1,131,408 <sup>C</sup>	\$0 <sup>C</sup>			\$1,131,408
Southampton Sewer System Rehabilitation	1	8201SR	\$73,570		\$887,166		\$1,968,435			\$2,855,601
Inflow & Infiltration Sewer Replacement, Rehabilitation and Upgrade	4	SM2106	\$231,220 <sup>B</sup>	\$236,940	\$242,880	\$248,820	\$255,200	\$261,580	\$267,960	\$1,513,380
Manhole Rehabilitation	4	SM2105	\$99,845 <sup>B</sup>	\$102,315	\$104,880	\$107,445	\$110,200	\$112,955	\$115,748	\$653,543
Various Wastewater System Rehabilitation	1			\$87,125 <sup>A</sup>	\$89,335 <sup>A</sup>	\$91,545 <sup>A</sup>	\$93,840 <sup>A</sup>	\$96,135 <sup>A</sup>	\$98,574 <sup>A</sup>	\$556,554
Glenn Forest to NAS Interceptor	1								\$924,926 <sup>A</sup>	\$924,926
<b>FY2021 CIB (FY21-FY26) Replacement Subtotal =</b>			<b>\$910,299</b>	<b>\$1,344,380</b>	<b>\$1,670,198</b>	<b>\$1,700,040</b>	<b>\$2,427,675</b>	<b>\$470,670</b>	<b>\$1,436,907</b>	<b>\$9,049,870</b>
Approved FY2020 CIB (FY20 - FY25)				\$339,255	\$1,234,926	\$356,265	\$3,493,835	\$374,535		\$5,798,816
<b>Change to Program from FY2020 CIB</b>				<b>\$1,005,125</b>	<b>\$435,272</b>	<b>\$1,343,775</b>	<b>-\$1,066,160</b>	<b>\$96,135</b>		<b>\$1,814,147</b>

**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 Projects.
- B) FY2020 Funds only.
- C) Moved up from FY2024 to FY2023 based on completion date of analysis.

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**St. Mary's County Metropolitan Commission**  
 Capital Improvements Budget  
 FY 2021 - 2026 Sewer

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>Pump Stations</b>										
Bradley Boulevard WWPS	1			\$38,439	\$315,217					\$353,656
Esperanza Shopping Center WWPS	1			\$39,449	\$323,503					\$362,952
Charlotte Hall WWPS Replacement	1				\$141,834 <sup>A</sup>					\$141,834
Greenbrier WWPS	1				\$42,278	\$346,493				\$388,771
Wicomico Shores #1 WWPS Replacement	1				\$46,506	\$381,142				\$427,648
Hunting Quarters WWPS	1					\$40,725	\$334,151			\$374,876
<b>FY2021 CIB (FY21-FY26) Pump Stations Subtotal =</b>			<b>\$0</b>	<b>\$77,888</b>	<b>\$869,338</b>	<b>\$768,360</b>	<b>\$334,151</b>	<b>\$0</b>	<b>\$0</b>	<b>\$2,049,737</b>
Approved FY2020 CIB (FY20 - FY25)				\$77,888	\$727,504	\$768,360	\$334,151	\$0		\$1,907,903
<b>Change to Program from FY2020 CIB</b>				<b>\$0</b>	<b>\$141,834</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>		<b>\$141,834</b>

**Status:**

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

**Property Acquisition (to be initiated after Planning)**

A) New project on private facility now owned by MetCom.

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**St. Mary's County Metropolitan Commission**  
 Capital Improvements Budget  
 FY 2021 - 2026 Sewer

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY2021 - 2026 TOTAL
<b>System Upgrades / Expansion</b>										
St. Clements Shores WWTP Expansion Phase B	1	2151SF	\$1,218,162	\$2,684,581						\$2,684,581
Energy Efficiency Upgrades	1			\$337,500 <sup>C</sup>						\$337,500
Grinder Pump Truck	1			\$170,000 <sup>A</sup>						\$170,000
Methane Co-Generator Upgrade at Marlay-Taylor WWTP	1	8171SF	\$120,000	\$326,379 <sup>C</sup>	\$89,409 <sup>C</sup>				\$98,691	\$514,479
Sewer Vacuum Truck	1						\$581,521 <sup>A</sup>			\$581,521
Grinder Pump Replacements	4	SM2109		\$850,000		\$850,000		\$850,000		\$2,550,000
Property Acquisition	1			\$500,000 <sup>A</sup>						
<b>FY2021 CIB (FY21-FY26) Systems Upgrades/Expansion Subtotal =</b>			<b>\$1,338,162</b>	<b>\$4,868,460</b>	<b>\$89,409</b>	<b>\$850,000</b>	<b>\$581,521</b>	<b>\$850,000</b>	<b>\$98,691</b>	<b>\$6,838,081</b>

Approved FY2020 CIB (FY20 - FY25)				\$3,534,581	\$0	\$850,000	\$0	\$850,000		\$5,234,581
<b>Change to Program from FY2020 CIB</b>				<b>\$1,333,879</b>	<b>\$89,409</b>	<b>\$0</b>	<b>\$581,521</b>	<b>\$0</b>		<b>\$2,004,809</b>

<b>Totals</b>										
Replacement			\$910,299	\$1,344,380	\$1,670,198	\$1,700,040	\$2,427,675	\$470,670	\$1,436,907	\$9,049,870
Pump Stations			\$0	\$77,888	\$869,338	\$768,360	\$334,151	\$0	\$0	\$2,049,737
Upgrades/Expansion			\$1,338,162	\$4,868,460	\$89,409	\$850,000	\$581,521	\$850,000	\$98,691	\$7,338,081
Subtotal			\$2,248,461	\$6,290,728	\$2,628,944	\$3,318,400	\$3,343,347	\$1,320,670	\$1,535,598	\$18,437,688
Capital Reserves <sup>B</sup>		6.20%	\$139,000	\$390,000	\$163,000	\$206,000	\$207,000	\$82,000	\$95,000	\$1,143,000
<b>FY2021 CIB (FY21-FY26) Total =</b>			<b>\$2,387,461</b>	<b>\$6,680,728</b>	<b>\$2,791,944</b>	<b>\$3,524,400</b>	<b>\$3,550,347</b>	<b>\$1,402,670</b>	<b>\$1,630,598</b>	<b>\$19,580,688</b>

Approved FY2020 CIB (FY20 - FY25)				\$4,196,724	\$2,084,430	\$2,096,625	\$4,064,986	\$1,300,535		\$13,743,300
<b>Change to Program from FY2020 CIB</b>				<b>\$2,484,004</b>	<b>\$707,514</b>	<b>\$1,427,775</b>	<b>-\$514,639</b>	<b>\$102,135</b>		<b>\$4,206,790</b>

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

- A) New Projects.  
 B) Capital Reserves adjusted to new subtotal.  
 C) Additional funding to implement prior approved project recommendations.

Red text denotes (denote changes from the approved FY20 CIB.  
 Yellow highlights denote changes from the approved FY20 CIB.



**St. Mary's County Metropolitan Commission**  
**Capital Improvement Budget/Plan Approved**  
**Capital Improvement Rates Per EDU - Actual & Projected**  
**FY 2021-2026 Water & Sewer**

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026
	Actual	Actual	Actual	Actual	Actual	Actual	Actual	Projected	Projected	Projected	Projected	Projected	Projected
System Improvement Charges - per EDU/month													
Draft CIB FY 21-26							Calculated	\$12.48	\$13.44	\$14.29	\$15.28	\$16.31	\$16.86
Water - Residential							Recommended	\$12.48	\$13.44	\$14.29	\$15.28	\$16.31	\$16.86
Water - Commercial							Recommended	\$14.98	\$16.13	\$17.15	\$18.34	\$19.57	\$20.23
<i>CIB FY 20-25 - Prior Approved</i>													
Water - Residential	\$8.28	\$8.81	\$9.76	\$10.37	\$11.33	\$11.71	\$11.71	\$12.62	\$14.00	\$14.44	\$15.58	\$16.36	
Water - Commercial	\$9.94	\$10.57	\$11.71	\$12.44	\$13.60	\$14.05	\$14.05	\$15.14	\$16.80	\$17.33	\$18.70	\$19.63	
System Improvement Charges - per EDU/month													
Draft CIB FY 21-26							Calculated	\$15.74	\$15.96	\$16.42	\$16.90	\$16.82	\$16.13
Sewer - Residential							Recommended	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09
Sewer - Commercial							Recommended	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11
<i>CIB FY 20-25 - Prior Approved</i>													
Sewer - Residential	\$13.61	\$14.46	\$15.05	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09	\$15.09
Sewer - Commercial	\$16.33	\$17.35	\$18.06	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11	\$18.11
Capital Contribution Charge - per EDU													
Draft CIB FY 21-26							Calculated	\$8,527.74	\$8,218.83	\$8,042.00	\$7,859.47	\$7,709.03	\$7,535.71
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
<i>CIB FY 20-25 - Prior Approved</i>													
Water - Residential	\$4,111.83	\$6,540.59	\$7,708.50	\$8,892.67	\$10,666.91	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87	\$10,955.87
Water - Commercial	\$4,934.20	\$7,848.71	\$9,250.20	\$10,671.20	\$12,800.29	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04	\$13,147.04
Capital Contribution Charge - per EDU													
Draft CIB FY 21-26							Calculated	\$6,407.56	\$6,226.31	\$6,103.51	\$5,979.80	\$5,826.56	\$5,333.65
Sewer - Residential							Recommended	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21
Sewer - Commercial							Recommended	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44
<i>CIB FY 20-25 - Prior Approved</i>													
Sewer - Residential	\$3,712.81	\$4,951.14	\$6,348.98	\$6,348.98	\$6,533.89	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21	\$6,941.21
Sewer - Commercial	\$4,455.37	\$5,941.37	\$7,618.77	\$7,618.77	\$7,840.66	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44	\$8,329.44

**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.

**St. Mary's County Metropolitan Commission**  
**Capital Improvement Budget/Plan Approved**  
**System Improvement Costs Recovered Through Uniform EDU-Based**  
**Assessment on all Customers**

	FY20	FY21	FY22	FY23	FY24	FY25	FY26
<b>WATER</b>							
Amortized Cost of:							
Existing System Improvements (C1)	\$ 3,050,082	\$ 3,077,386	\$ 2,984,988	\$ 2,985,024	\$ 2,982,968	\$ 2,986,531	\$ 2,985,704
New System Improvements (C2)	482,351	693,759	1,228,302	1,364,513	1,684,510	2,015,994	2,205,334
System Improvement Costs	\$ 3,532,433	\$ 3,771,144	\$ 4,213,290	\$ 4,349,538	\$ 4,667,478	\$ 5,002,525	\$ 5,191,038
Water Debt Service Reserves Applied			\$ (137,803)				
Net System Improvement Costs	\$ 3,532,433	\$ 3,771,144	\$ 4,075,487	\$ 4,349,538	\$ 4,667,478	\$ 5,002,525	\$ 5,191,038
Projected EDUs (incl. unserved)	25,213	25,175	25,271	25,367	25,463	25,560	25,657
Calculated Residential Assessment (\$/mo/EDU)	\$ 11.68	\$ 12.48	\$ 13.44	\$ 14.29	\$ 15.28	\$ 16.31	\$ 16.86
Residential Actual/Proposed Rate	\$ 11.71	\$ 12.48	\$ 13.44	\$ 14.29	\$ 15.28	\$ 16.31	\$ 16.86
Commercial Actual/Proposed Rate	\$ 14.05	\$ 14.98	\$ 16.13	\$ 17.15	\$ 18.34	\$ 19.57	\$ 20.23
Residential Increase	\$ -	\$ 0.77	\$ 0.96	\$ 0.85	\$ 0.99	\$ 1.03	\$ 0.55
<b>Increase %</b>	<b>0%</b>	<b>7%</b>	<b>8%</b>	<b>6%</b>	<b>7%</b>	<b>7%</b>	<b>3%</b>
Commercial Increase	\$ -	\$ 0.93	\$ 1.15	\$ 1.02	\$ 1.19	\$ 1.23	\$ 0.66
Water Capital Project Upgrade Reserves							
Beginning Balance	4,622,624	2,803,447	1,915,065	1,915,065	1,461,770	1,461,770	1,056,823
Committed FY20 & Prior	(1,828,255)						
Estimated Gain/Loss	9,077	-	-	-	-	-	-
Proposed Projects *		(888,382)	-	(453,295)	-	(404,947)	-
Projected Ending Balance	2,803,447	1,915,065	1,915,065	1,461,770	1,461,770	1,056,823	1,056,823
Recommended Reserve - MetCom Policy	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
<i>CIB 20-25</i>	2,109,773	1,964,378	1,275,813	1,123,128	1,007,128	917,953	
<i>CIB 19-24</i>	1,194,844	1,114,069	1,114,069	1,029,244	1,029,244		



**St. Mary's County Metropolitan Commission  
Capital Improvement Budget/Plan Approved**

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

	FY20	FY21	FY22	FY23	FY24	FY25	FY26
<b>WATER</b>							
Debt Service for:							
Service Area Expansion (A1) Debt Outstanding	\$ 133,830	\$ 131,129	\$ 131,335	\$ 131,250	\$ 131,186	\$ 131,312	\$ 131,242
New Service Area Expansion (A2)	-	-	-	-	-	-	-
Existing non-allocated Capacity (B1)	602,599	593,729	583,703	584,487	584,026	585,629	584,650
New Capacity Expansion (B2)	-	-	-	-	-	-	-
Total Amortized Cost	\$ 736,429	\$ 724,858	\$ 715,038	\$ 715,738	\$ 715,212	\$ 716,940	\$ 715,892
Other MetCom Funds							
Water Supply & Storage Fees	\$ 98,622	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	493	-	-	-	-	-	-
Applied to Capital Contribution Charge							
Net Capital Contribution Costs	\$ 736,429	\$ 724,858	\$ 715,038	\$ 715,738	\$ 715,212	\$ 716,940	\$ 715,892
Projected New EDUs (2% Growth)	83	85	87	89	91	93	95
Actual EDU's (Thru 6/30/19)							
Calculated Residential Assessment (\$/EDU)	\$ 8,872.64	\$ 8,527.74	\$ 8,218.83	\$ 8,042.00	\$ 7,859.47	\$ 7,709.03	\$ 7,535.71
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	896,736	1,044,737	1,251,128	1,489,250	1,748,584	2,030,356	2,332,312
Projected Gain/Loss	172,908	206,391	238,122	259,334	281,772	301,956	324,915
Committed FY20 & Prior	(24,908)						
Proposed Projects	-	-	-	-	-	-	-
Projected Ending Balance **	1,044,737	1,251,128	1,489,250	1,748,584	2,030,356	2,332,312	2,657,227
Recommended Reserve - MetCom Policy	750,000	750,000	750,000	750,000	750,000	750,000	750,000
CIB 20-25	238,691	428,334	649,659	892,220	1,157,230	1,442,405	
CIB 19-24	274,090	463,484	684,560	926,871	1,178,350		

**St. Mary's County Metropolitan Commission  
Capital Improvement Budget/Plan Approved**

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

	FY20	FY21	FY22	FY23	FY24	FY25	FY26
<b>SEWER</b>							
Debt Service for:							
Service Area Expansion (A1) After Issue 21	\$ 178,891	\$ 175,090	\$ 175,049	\$ 175,089	\$ 175,074	\$ 169,686	\$ 138,325
New Service Area Expansion (A2)	22,870	73,271	73,271	73,271	73,271	73,271	73,271
Existing non-allocated Capacity (B1)	548,685	553,388	546,552	547,139	546,908	546,789	518,737
New Capacity Expansion (B2)	22,870	101,717	101,717	101,717	101,717	101,717	101,717
Total Amortized Cost	\$ 773,317	\$ 903,466	\$ 896,589	\$ 897,215	\$ 896,970	\$ 891,463	\$ 832,049
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	\$ 773,317	\$ 903,466	\$ 896,589	\$ 897,215	\$ 896,970	\$ 891,463	\$ 832,049
Projected New EDUs (2% Growth)	138	141	144	147	150	153	156
Actual EDU's (Thru 6/30/19)							
Calculated Residential Assessment (\$/EDU)	\$ 5,603.74	\$ 6,407.56	\$ 6,226.31	\$ 6,103.51	\$ 5,979.80	\$ 5,826.56	\$ 5,333.65
Residential Actual/Proposed Rate	\$ 6,941.21	\$ 6,941.21	\$ 6,941.21	\$ 6,941.21	\$ 6,941.21	\$ 6,941.21	\$ 6,941.21
Commercial Actual/Proposed Rate	\$ 8,329.44	\$ 8,329.44	\$ 8,329.44	\$ 8,329.44	\$ 8,329.44	\$ 8,329.44	\$ 8,329.44
Residential Increase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Increase %	0%	0%	0%	0%	0%	0%	0%
Commercial Increase	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sewer Capital Project Expansion Reserves							
Beginning Balance	3,057,197	2,110,467	2,185,712	2,288,657	2,411,799	2,556,010	2,726,552
Projected Gain	184,570	75,245	102,945	123,142	144,211	170,542	250,779
Committed Prior	(1,131,300)						
Proposed Projects							
Projected Ending Blance **	2,110,467	2,185,712	2,288,657	2,411,799	2,556,010	2,726,552	2,977,331
Recommended Reserve - MetCom Policy	750,000	750,000	750,000	750,000	750,000	750,000	750,000
CIB 20-25	1,940,965	2,042,648	2,172,056	2,321,645	2,492,300	2,689,293	
CIB 19-24	1,429,434	1,469,234	1,536,763	1,624,472	1,733,248		