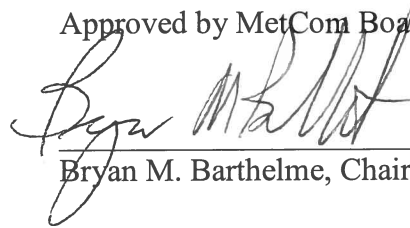


**ST. MARY'S COUNTY
METROPOLITAN COMMISSION
CAPITAL IMPROVEMENT BUDGET & PLAN**

FY 2018-FY 2023

Approved by MetCom Board contingent on approval by CSMC



Bryan M. Barthelme, Chairperson

5/23/17

Date

St. Mary's County Metropolitan Commission
Capital Improvements Budget
FY 2018 - 2023 Water

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY2021 | FY2022 | FY2023 | TOTAL |
|---|--------|------------|------------------------|---------------------|----------------------------|----------------------------|----------------------------|----------------------------|--------------------------|---------------------|
| Water Lines | | | | | | | | | | |
| Patuxent Park Water Main Replacement Phase 3 | 4 | 8122WR | \$2,384,360 | | | | | | | \$2,384,360 |
| FDR Blvd WM Ph. 1B (1st Colony/Old Rolling Rd) | 4 | 8151WM | \$631,300 ^A | | | | | | | \$631,300 |
| Piney Point Water System | 3 | 5111WR | \$2,665,000 | | | | | | | \$2,665,000 |
| Patuxent Park Water Main Replacement Phase 4 | 2 | 8161WR | \$2,231,500 | | | | | | | \$2,231,500 |
| FDR Blvd WM Ph. 1 Amber Drive (County Phase 1A) | 4 | 8171WM | \$384,750 | | | | | | | \$384,750 |
| FDR Blvd WM Ph. 1C (Old Rolling Road to Kinnegad Drive) | 3 | 8172WM | \$743,850 | | | | | | | \$743,850 |
| Shangri-La Dr. & S. Essex Dr. Water Main Replacement | 2 | 8171WR | \$185,000 | | | | \$2,153,096 ^{B,I} | | | \$2,338,096 |
| FDR Blvd WM Ph. 3 (MD237 to Pegg Road) | 1 | 8173WM | \$176,400 | | \$1,755,736 ^{C,I} | \$1,704,080 ^{C,I} | | | | \$3,636,216 |
| Southampton Water System Rehabilitation | 1 | | | | \$267,000 ^I | | \$1,629,205 ^I | | \$1,409,742 ^I | \$3,305,947 |
| St. Clements Shores Water System Replacement | 3 | 2101WR | \$5,498,000 | | | \$3,508,500 | | | | \$9,006,500 |
| Breton Bay Water System Replacement | 1 | | | | \$300,000 ^{E,I} | | | \$3,235,650 ^{F,I} | | \$3,535,650 |
| Town Creek Water System Phase 1 - 3 | 2 | 8081WR | \$595,000 | \$2,749,500 | | | \$2,639,500 ^B | | \$410,075 ^D | \$6,394,075 |
| Hollywood Water Systems Connector & PH 2 Replacement | 1 | 8141WM | | | | | | \$141,894 ^G | | \$141,894 |
| Water Main Connection Crossing MD 5 - Charlotte Hall | 1 | | | | | | | | \$575,550 ^H | \$575,550 |
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| Water Lines Subtotal = | | | \$15,495,160 | \$2,749,500 | \$2,322,736 | \$5,212,580 | \$6,421,801 | \$3,377,544 | \$2,395,367 | \$37,974,688 |
| | | | | | | | | | | |
| Difference from FY 2017 CIB | | | -\$1,388,477 | -\$2,630,500 | -\$3,808,814 | \$2,573,080 | \$2,025,634 | \$377,544 | \$2,395,367 | -\$456,166 |

- Status:**
- 1 Planning Phase
 - 2 Design Phase
 - 3 Contract Phase
 - 4 Construction Phase
 - 5 Close-out Phase
- A) Reduced from \$1,509,300; actual bid pricing
 B) Project(s) moved from FY2020 to FY2021
 C) Project phased based on DPW&T's project
 D) Project moved from FY2022 to FY2023 Design & Out Years Construction
 E) Project added based on multiple breaks/repairs in aging system; estimated design budget
 F) Project added based on multiple breaks/repairs in aging system; phasing updated
 G) Moved from FY2019 to FY2022
 H) Moved from FY2019 to FY2023
 I) Amount based on updated cost estimate completed by consultant engineer

St. Mary's County Metropolitan Commission
Capital Improvements Budget
FY 2018 - 2023 Water

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY2021 | FY2022 | FY2023 | TOTAL |
|--|--------|------------|------------------------|---------------------|------------|------------|----------------------------|------------|------------|--------------------|
| Wells | | | | | | | | | | |
| Charlotte Hall Well | 4 | 0091WL | \$559,500 ^A | | | | | | | \$559,500 |
| Hollywood Well at Broad Creek | 4 | 8092WL | \$724,500 ^B | | | | | | | \$724,500 |
| Hickory Hills Well | 2 | 8081WL | \$997,000 | | | | | | | \$997,000 |
| Bay Ridge Well Replacement and Upgrade | 1 | 8091WL | \$175,160 | | | | \$1,873,692 ^{C,H} | | | \$2,048,852 |
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| | | | | | | | | | | |
| Well Subtotal = | | | \$2,456,160 | \$0 | \$0 | \$0 | \$1,873,692 | \$0 | \$0 | \$4,329,852 |
| Difference from FY 2017 CIB | | | -\$700,000 | -\$2,062,800 | \$0 | \$0 | \$1,873,692 | \$0 | \$0 | -\$889,108 |

| Water Storage Tanks (WST) | | | | | | | | | | |
|--|---|--------|---------------------|---------------------|--------------------------|------------------------|----------------------------|------------------------|------------|---------------------|
| Charlotte Hall WST | 4 | 0091WT | \$3,107,800 | | | | | | | \$3,107,800 |
| Hollywood/Broad Creek WST | 4 | 8092WT | \$3,486,500 | | | | | | | \$3,486,500 |
| Hickory Hills WST | 2 | 8081WT | \$6,297,977 | | | | | | | \$6,297,977 |
| Bay Ridge WST (Concept Design) | 2 | 8082WT | \$126,000 | | | | | | | \$126,000 |
| Greenbrier WST | 1 | 8161WT | \$200,000 | | \$554,233 ^{D,H} | | | | | \$754,233 |
| St. Clements Shores WST | 1 | | | | \$225,000 ^{E,H} | | \$1,954,000 ^{F,H} | | | \$2,179,000 |
| Water Tank Inspections, Painting and Replacement | 4 | WO1717 | \$774,900 | \$623,700 | | \$623,700 ^G | | \$623,700 ^G | | \$2,646,000 |
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| Water Storage Tanks (WST) Subtotal = | | | \$13,993,177 | \$623,700 | \$779,233 | \$623,700 | \$1,954,000 | \$623,700 | \$0 | \$18,597,510 |
| Difference from FY 2017 CIB | | | \$0 | -\$1,510,000 | -\$1,079,467 | \$0 | \$1,954,000 | \$623,700 | \$0 | -\$11,767 |

- Status:**
- 1 Planning Phase
 - 2 Design Phase
 - 3 Contract Phase
 - 4 Construction Phase
 - 5 Close-out Phase
- A) Reduced from \$809,500; actual bid pricing
 - B) Reduced from \$1,174,500; actual bid pricing
 - C) Moved from FY2018 to FY2021
 - D) Project did not make the MDE Funding list; therefore, moved from FY2018 to FY2019
 - E) Moved from FY2018 to FY2019
 - F) Moved from FY2019 to FY2021
 - G) Phasing updated
 - H) Amount based on updated cost estimate completed by consultant engineer

St. Mary's County Metropolitan Commission
 Capital Improvements Budget
 FY 2018 - 2023 Water

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY2021 | FY2022 | FY2023 | TOTAL |
|---|--------|------------|---------------------|--------------------------|--------------------------|------------|------------|------------|------------|---------------------|
| Miscellaneous | | | | | | | | | | |
| Radio Read Water Meters Project Phases 1 & 2 | 5 | WO1112 | \$8,300,000 | | | | | | | \$8,300,000 |
| Exterior Petty Building Upgrades | 2 | 8131BD | \$460,000 | | | | | | | \$460,000 |
| Oversize Meter Project Phase 2 | 4 | 8121MW | \$293,000 | | | | | | | \$293,000 |
| Asset Management Software Upgrade (220,430 capitalized) | 4 | SW1201 | \$297,500 | | | | | | | \$297,500 |
| Miscellaneous Water Line and Saddle Replacement | 2 | 8172WR | \$150,000 | | | | | | | \$150,000 |
| Facilities Condition Assessment | 1 | | | \$365,700 ^{A,H} | | | | | | \$365,700 |
| Automatic Meter Reading (AMR) Upgrades | 1 | | | \$212,500 ^B | | | | | | \$212,500 |
| SCADA Safety and Security Upgrade | 1 | | | \$125,000 ^C | | | | | | \$125,000 |
| Financial Software Upgrade | 1 | | | \$160,000 ^D | | | | | | \$160,000 |
| King Kennedy Well & Ground Storage Tank Improvements | 2 | 3-1-W | \$757,310 | | \$975,190 ^E | | | | | \$1,732,500 |
| Piney Point Water Station Upgrades | 1 | | \$250,000 | \$36,433 ^{F,H} | \$394,025 ^{F,H} | | | | | \$680,458 |
| Industrial Park Water Station Upgrades | 1 | | | | \$236,250 ^G | | | | | \$236,250 |
| | | | | | | | | | | |
| Miscellaneous Subtotal = | | | \$10,507,810 | \$899,633 | \$1,605,465 | \$0 | \$0 | \$0 | \$0 | \$13,012,908 |
| Difference from FY 2017 CIB | | | -\$1,176,190 | \$774,633 | \$1,605,465 | \$0 | \$0 | \$0 | \$0 | \$1,203,908 |

| Totals | | | | | | | | | | |
|------------------------------------|--|---------------|---------------------|---------------------|---------------------|--------------------|---------------------|--------------------|--------------------|---------------------|
| Water Lines | | | \$15,495,160 | \$2,749,500 | \$2,322,736 | \$5,212,580 | \$6,421,801 | \$3,377,544 | \$2,395,367 | \$37,974,688 |
| Wells | | | \$2,456,160 | \$0 | \$0 | \$0 | \$1,873,692 | \$0 | \$0 | \$4,329,852 |
| Water Storage Tanks (WST) | | | \$13,993,177 | \$623,700 | \$779,233 | \$623,700 | \$1,954,000 | \$623,700 | \$0 | \$18,597,510 |
| Miscellaneous | | | \$10,507,810 | \$899,633 | \$1,605,465 | \$0 | \$0 | \$0 | \$0 | \$13,012,908 |
| Subtotal | | | \$42,452,307 | \$4,272,833 | \$4,707,434 | \$5,836,280 | \$10,249,493 | \$4,001,244 | \$2,395,367 | \$73,914,958 |
| Capital Reserves ¹ | | 7.5% | \$3,184,000 | \$320,000 | \$353,000 | \$438,000 | \$769,000 | \$300,000 | \$180,000 | \$5,544,000 |
| | | Total= | \$45,636,307 | \$4,592,833 | \$5,060,434 | \$6,274,280 | \$11,018,493 | \$4,301,244 | \$2,575,367 | \$79,458,958 |
| Difference from FY 2017 CIB | | | -\$3,509,667 | -\$5,836,667 | -\$3,528,816 | \$2,766,080 | \$6,292,326 | \$1,076,244 | \$2,575,367 | -\$165,133 |

Status:

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

- A) Moved from FY2019 to FY2018
- B) Project added to install Automatic Read (AMR) water meters in existing non-metered and non-AMR properties.
- C) Project added based on upgrade needs required for SCADA system monitoring equipment and radios along with general overhaul of system electronics
- D) Project added to purchase complete financial software package
- E) Project construction of WST moved to FY2019
- F) Project construction phased between FY2018 and FY2019; budget increased based on relocation of water station on purchased Cobb Property
- G) Project moved from FY2018 to FY2019; project added based on upgrade needs required for aging water storage facilities
- H) Amount based on updated cost estimate completed by consultant engineer
- I) Restricted Reserves requires budget amendment with CSMC to utilize

St. Mary's County Metropolitan Commission
 Capital Improvements Budget
 FY 2018 - 2023 Sewer

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Totals |
|---|--------|------------|------------------------|------------------|------------------------|--------------------------|------------------------|------------------|--------------------------|---------------------|
| Replacement | | | | | | | | | | |
| Patuxent Park Sewer Replacement Phase 3 | 4 | 8124SR | \$2,191,640 | | | | | | | \$2,191,640 |
| Lynn Dr. Force Main Upgrade & Replacement | 5 | 8121FM | \$642,030 | | | | | | | \$642,030 |
| St George's Park Sewer Sys Imp & Sheehan WWPS Ph. 1 | 4 | 5-9-S | \$360,000 ^A | | | | | | | \$360,000 |
| Interceptor Rehabilitation, Pine Hill Run Road | 2 | 8152SR | \$2,547,900 | | | | | | | \$2,547,900 |
| Patuxent Park Sewer Replacement Phase 4 | 2 | 8161SR | \$2,242,375 | | | | | | | \$2,242,375 |
| Piney Point Road Sewer Line Analysis | 1 | 5171MS | \$190,000 | | \$307,965 ^C | | | | | \$497,965 |
| Interceptor Rehabilitation, Shangri-La Dr. to Colony Square | 2 | 8131SR | \$88,704 | | | \$1,265,296 ^B | | | | \$1,354,000 |
| Southampton Sewer System Rehabilitation | 1 | | | | \$70,000 ^C | | \$803,592 ^C | | \$1,696,927 ^C | \$2,570,519 |
| Manhole Rehabilitation | 4 | SM1705 | \$95,000 | \$95,000 | \$97,645 | \$100,520 | \$108,500 | \$111,750 | \$115,125 | \$723,540 |
| I&I Sewer Replacement, Rehabilitation & Upgrade | 4 | SM1706 | \$220,000 | \$220,000 | \$226,560 | \$233,280 | \$240,360 | \$247,560 | \$255,000 | \$1,642,800 |
| | | | | | | | | | | |
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| | | | | | | | | | | |
| | | | | | | | | | | |
| Replacement Subtotal = | | | \$8,577,649 | \$315,000 | \$702,170 | \$1,599,096 | \$1,152,452 | \$359,310 | \$2,067,052 | \$14,772,769 |
| Difference from FY 2017 CIB | | | -\$2,643,201 | \$0 | \$317,170 | \$1,284,096 | \$972,185 | \$359,310 | \$2,067,052 | \$2,356,652 |

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

A) Reduced from \$540,500.00 based on removal of sewer system improvements
 B) Project construction moved to FY2020
 C) Amount based on updated cost estimate completed by consultant engineer

St. Mary's County Metropolitan Commission
 Capital Improvements Budget
 FY 2018 - 2023 Sewer

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Totals |
|-------------------------------------|--------|------------|--------------------------|---------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|---------------------|
| Pump Stations | | | | | | | | | | |
| Lynn Drive WWPS | 5 | 8122SS | \$1,821,300 | | | | | | | \$1,821,300 |
| First Colony #2 WWPS | 2 | 8141SS | \$445,500 ^A | | | | | | | \$445,500 |
| Glebe Run WWPS Replacement | 4 | 3161SS | \$155,250 | | | | | | | \$155,250 |
| Forest Run WWPS | 2 | 8131SS | \$650,000 | | | | | | | \$650,000 |
| Spring Valley WWPS | 4 | 8161SS | \$250,000 | | | | | | | \$250,000 |
| Great Mills WWPS Upgrade | 2 | 8081SS | \$7,691,370 | | | | | | | \$7,691,370 |
| St. Mary's Square WWPS | 2 | 8121SS | \$1,184,000 ^B | | | | | | | \$1,184,000 |
| Piney Point WWPS Upgrade | 2 | 5081SR | \$7,046,950 | | | | | | | \$7,046,950 |
| Wildewood #1 WWPS | 1 | 8132SS | \$210,000 | | \$315,418 ^{C,L} | | | | | \$525,418 |
| Wildewood #2 WWPS | 1 | 8171SS | \$55,000 | | \$536,312 ^{D,L} | | | | | \$591,312 |
| Evergreen Park WWPS | 1 | | | | \$10,500 ^E | \$270,386 ^{F,L} | | | | \$280,886 |
| Moorings WWPS | 1 | | | | \$10,500 ^G | \$362,800 ^{H,L} | | | | \$373,300 |
| Esperanza Shopping Center WWPS | 1 | | | | | | \$329,657 ^{I,L} | | | \$329,657 |
| Bradley Blvd. WWPS | 1 | | | | | | \$321,214 ^{I,L} | | | \$321,214 |
| Greenbrier WWPS | 1 | | | | | | | \$344,655 ^{J,L} | | \$344,655 |
| Wicomico Shores #1 WWPS Replacement | 1 | | | | | | | \$379,121 ^L | | \$379,121 |
| Hunting Quarters WWLS | 1 | | | | | | | | \$324,069 ^{K,L} | \$0 |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Pump Stations Subtotal = | | | \$19,509,370 | \$0 | \$872,730 | \$633,186 | \$650,871 | \$723,776 | \$324,069 | \$22,389,933 |
| Difference from FY 2017 CIB | | | -\$1,654,500 | -\$3,423,750 | \$332,730 | \$295,686 | -\$24,129 | \$723,776 | \$324,069 | -\$3,750,187 |

Status:

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

- A) Reduced from \$1,530,000; revised cost estimate for sewer force main bypass only
- B) Reduced from \$1,754,000; actual bid pricing
- C) Project moved from FY2018 to FY 2019; reduced from \$2,146,250 based on not relocating station and using package pump station replacement
- D) Project moved from FY2018 to FY 2019; reduced from \$769,500 based on using package pump station replacement
- E) Project moved from FY2018 to FY2019; budget amount for property survey taken from \$170,500 total previously in FY2018
- F) Project moved from FY2019 to FY 2020; budget amount for WWPS upgrade moved from FY2018 to FY2019
- G) Project moved from FY2018 to FY2019; budget amount for property survey taken from \$337,500 total previously in FY2018
- H) Project moved from FY2019 to FY 2020; budget amount for WWPS upgrade moved from FY2018 to FY2019
- I) Project(s) moved from FY2020 to FY2021
- J) Project moved from FY2021 to FY 2022
- K) Project moved from FY2022 to FY2013; project added based on service life at the request from the Operations & Maintenance department
- L) Amount based on updated cost estimate completed by consultant engineer

St. Mary's County Metropolitan Commission
 Capital Improvements Budget
 FY 2018 - 2023 Sewer

| Project Name | Status | Project ID | Prior Approved | FY 2018 | FY 2019 | FY 2020 | FY 2021 | FY 2022 | FY 2023 | Totals |
|--|--------|------------|---------------------|--------------------------|--------------------------|-----------------------|------------------------|------------|------------------------|---------------------|
| System Upgrades / Expansion | | | | | | | | | | |
| MTWRF ENR Upgrade | 5 | 8-38-S | \$39,125,000 | | | | | | | \$39,125,000 |
| Leonardtown ENR & Upgrade Project | 4 | 3151SF | \$2,092,372 | | | | | | | \$2,092,372 |
| MTWRF Expansion (Capacity & Expansion Report and Concept Design) | 2 | 8151SF | \$500,000 | | | | | | | \$500,000 |
| Exterior Petty Building Upgrades | 2 | 8131BD | \$460,000 | | | | | | | \$460,000 |
| Asset Management Software Upgrade (232,095 capitalized) | 4 | SW1201 | \$380,000 | | | | | | | \$380,000 |
| Macerators/Macerating Pumps for Stations | 4 | SM1710 | \$120,000 | | | | | | | \$120,000 |
| CCTV Inspection System | 4 | | \$126,000 | | | | | | | \$126,000 |
| Utility Maintenance Truck | 4 | | \$151,000 | | | | | | | \$151,000 |
| St. Clements Shores WWTP Expansion Phase A | 2 | 2171SF | \$906,500 | | | | | | | \$906,500 |
| Methane Co-Generator Upgrade at Marlay-Taylor WWTP | 2 | 8171SF | \$945,000 | | | | | | | \$945,000 |
| Right of Way Clearing | 4 | SM1725 | \$54,000 | \$54,000 | | | | | | \$108,000 |
| Marlay-Taylor WRF Replacement Pumps | 4 | | \$94,500 | \$94,500 ^A | | | | | | \$189,000 |
| SCADA Safety and Security Upgrade | 1 | | | \$125,000 ^B | | | | | | \$125,000 |
| Financial Software Upgrade | 1 | | | \$160,000 ^C | | | | | | \$160,000 |
| Facilities Condition Assessment | 1 | | | \$345,000 ^{D,H} | | | | | | \$345,000 |
| St. Clements Shores WWTP Expansion Phase B | 2 | 2151SF | \$70,000.00 | \$500,000 ^E | \$3,125,000 ^E | | | | | \$3,695,000 |
| Energy Audit / Energy Efficiency Upgrades | 1 | | | \$115,000 ^F | \$57,500 ^F | \$57,500 ^F | | | | \$230,000 |
| Grinder Pump Replacements | 4 | SM1709 | \$840,375 | | \$850,000 ^G | | \$850,000 ^G | | \$850,000 ^G | \$3,390,375 |
| | | | | | | | | | | \$0 |
| Systems Upgrades/Expansion Subtotal = | | | \$45,864,747 | \$1,393,500 | \$4,032,500 | \$57,500 | \$850,000 | \$0 | \$850,000 | \$53,048,247 |
| Difference from FY 2017 CIB | | | -\$1,014,375 | -\$2,175,875 | \$3,192,125 | \$57,500 | \$850,000 | \$0 | \$850,000 | \$1,759,375 |

| Totals | | | | | | | | | | |
|------------------------------------|--|-------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Replacement | | | \$8,577,649 | \$315,000 | \$702,170 | \$1,599,096 | \$1,152,452 | \$359,310 | \$2,067,052 | \$14,772,729 |
| Pump Stations | | | \$19,509,370 | \$0 | \$872,730 | \$633,186 | \$650,871 | \$723,776 | \$324,069 | \$22,714,002 |
| Upgrades/Expansion | | | \$45,864,747 | \$1,393,500 | \$4,032,500 | \$57,500 | \$850,000 | \$0 | \$850,000 | \$53,048,247 |
| Subtotal | | | \$73,951,766 | \$1,708,500 | \$5,607,400 | \$2,289,782 | \$2,653,323 | \$1,083,086 | \$3,241,121 | \$90,534,978 |
| Capital Reserves ^I | | 6.20% | \$4,470,000 | \$106,000 | \$348,000 | \$142,000 | \$165,000 | \$67,000 | \$201,000 | \$5,499,000 |
| Total = | | | \$78,421,766 | \$1,814,500 | \$5,955,400 | \$2,431,782 | \$2,818,323 | \$1,150,086 | \$3,442,121 | \$96,033,978 |
| Difference from FY 2017 CIB | | | -\$5,641,076 | -\$5,946,625 | \$4,081,025 | \$1,739,282 | \$1,910,056 | \$1,150,086 | \$3,442,121 | \$734,869 |

- Status:**
- 1 Planning Phase
 - 2 Design Phase
 - 3 Contract Phase
 - 4 Construction Phase
 - 5 Close-out Phase
- A) Added one additional year for estimated costs for existing pump replacement within the facility
 - B) Project added based on upgrade needs required for SCADA system monitoring equipment and radios along with general overhaul of system electronics
 - C) Project added to purchase complete financial software package
 - D) Moved from FY2019 to FY2018
 - E) Revised project budget for estimated Phase B engineering design and construction
 - F) Project added to upgrade and replace conventional electrical equipment to energy efficient equipment
 - G) Rounded annual project budget up \$9,625 to account for estimated material and labor price increases; phasing updated and added year
 - H) Amount based on updated cost estimate completed by consultant engineer
 - I) Restricted Reserves requires budget amendment with CSMC to utilize

St. Mary's County Metropolitan Commission
Approved by MetCom Board 4/27/17 and Board of County Commissioners on 5/23/17
Capital Improvement Rates Per EDU - Actual & Projected
FY 2018-2023 Water & Sewer

| | FY 2015 Actual | FY 2016 Actual | FY 2017 Actual | FY 2018 Projected | FY 2019 Projected | FY 2020 Projected | FY 2021 Projected | FY 2022 Projected | FY 2023 Projected |
|--|-------------------|-------------------|-------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| System Improvement Charges - per EDU/month | | | | | | | | | |
| Water - Residential | \$8.81 | \$9.76 | \$10.37 | \$11.33 | \$12.37 | \$12.54 | \$13.93 | \$14.39 | \$14.70 |
| Water - Commercial | \$10.57 | \$11.71 | \$12.44 | \$13.60 | \$14.84 | \$15.05 | \$16.72 | \$17.27 | \$17.64 |
| System Improvement Charges - per EDU/month | | | | | | | | | |
| Sewer - Residential | \$14.46 | \$15.05 | \$15.09 | \$15.09 | \$15.09 | \$15.09 | \$15.09 | \$15.09 | \$15.45 |
| Sewer - Commercial | \$17.35 | \$18.06 | \$18.11 | \$18.11 | \$18.11 | \$18.11 | \$18.11 | \$18.11 | \$18.55 |
| Capital Contribution Charge - per EDU | | | | | | | | | |
| Water - Residential | \$6,540.59 | \$7,708.50 | \$8,892.67 | \$10,666.91 | \$11,023.55 | \$11,023.55 | \$11,023.55 | \$11,023.55 | \$11,023.55 |
| Water - Commercial | \$7,848.71 | \$9,250.20 | \$10,671.20 | \$12,800.29 | \$13,228.26 | \$13,228.26 | \$13,228.26 | \$13,228.26 | \$13,228.26 |
| Capital Contribution Charge - per EDU | | | | | | | | | |
| Sewer - Residential | \$4,951.14 | \$6,348.98 | \$6,348.98 | \$6,533.89 | \$7,303.65 | \$6,679.46 | \$6,592.47 | \$6,499.93 | \$6,461.00 |
| Sewer - Commercial | \$5,941.37 | \$7,618.77 | \$7,618.77 | \$7,840.66 | \$8,764.37 | \$8,015.35 | \$7,910.95 | \$7,799.91 | \$7,753.19 |

Assumption:

New debt for FY17 & FY18 based on 20 year term, MDE maximum for water loans. New debt in later years 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. This fee is due and payable at the time the owner makes application or otherwise is required to connect to a water main or sewer.