

WATER

St. Mary's County Metropolitan CommissionCapital Improvements Budget
FY 2022 - 2027 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY2022 - 2027 TOTAL
Water Lines										
Shangri-La Drive & S. Essex Drive Water Main Replacement	2	8171WR 8202WL	\$1,344,442	\$1,188,509						\$1,188,509
W-MD 5 From MD 246 to MD 471 (SHA Bridge Project)	1	8203WL	\$500,000	-\$150,000 ^{AC}						-\$150,000
Various Water and Service Line Rehabilitation	1	WO2202	\$162,560		\$67,860		\$71,321		\$74,932	\$214,113
MD 235 Water Main-Southampton to Hermanville Rd	1	8210WL	\$92,973		\$1,220,998					\$1,220,998
Southampton Water System Rehabilitation	2	8201WL	\$280,617	\$0 ^B	\$1,877,421 ^B	\$0 ^B	\$1,679,001 ^B			\$3,556,422
Hollywood Water Systems Connector & Phase 2 Replacement	2	8141WM		\$156,624		\$1,947,325				\$2,103,949
MD247 Loveville Road Water Main Replacement	1				\$113,141	\$1,043,724				\$1,156,865
Breton Bay Water System Replacement	2	2201WL	\$408,527	\$0 ^B	\$4,703,417 ^B	\$0 ^B	\$208,431 ^B	\$0 ^B	\$2,737,289 ^B	\$7,649,137
Town Creek Water System Phase 1 - 4	4	8081WR 8161WL	\$6,187,242		\$0 ^B	\$475,561 ^B	\$0 ^B	\$3,155,572 ^B		\$3,631,133
FY2022 CIB (FY22-FY27) Water Lines Subtotal =			\$8,976,361	\$1,195,133	\$7,982,837	\$3,466,610	\$1,958,753	\$3,155,572	\$2,812,221	\$20,571,126
Approved FY2021 CIB (FY21 - FY26)				\$7,762,636	\$1,865,794	\$4,832,440	\$5,756,133	\$0		\$20,217,003
Change to Program from FY2021 CIB				-\$6,567,503	\$6,117,043	-\$1,365,830	-\$3,797,380	\$3,155,572		-\$2,458,098

Status:

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

A - New Project.

B - Moved out from previous FY

C - Adjusted funds 10-28-2021, moved to 8131BD

St. Mary's County Metropolitan CommissionCapital Improvements Budget
FY 2022 - 2027 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY2022 - 2027 TOTAL
Wells										
Charlotte Hall Well #1	1			\$0 ^B	\$851,006 ^B					\$851,006
Grand View Haven Well	1	2221WL		\$553,500 ^C	\$0 ^C					\$553,500
Well Rehabilitation, Replacement, Installation and Inspections	1	WO2201	\$172,060	\$55,000 ^D	\$283,669	\$59,229 ^D	\$298,029	\$62,227 ^D	\$313,117	\$1,071,271
FY2022 CIB (FY22-FY27) Well Subtotal =			\$172,060	\$608,500	\$1,134,675	\$59,229	\$298,029	\$62,227	\$313,117	\$2,475,777

Approved FY2021 CIB (FY21 - FY26)	\$830,250	\$851,007	\$0	\$298,029	\$0		\$1,979,286
Change to Program from FY2021 CIB	-\$221,750	\$283,668	\$59,229	\$0	\$62,227		\$183,374

Water Storage Tanks (WST)										
St. Clements Shores Water Storage Tank	1	2191WT	\$249,075					\$2,526,968		\$2,526,968
Water Tank Inspections, Painting and Replacement/Upgrades	4	WO2217	\$189,112	\$689,315	\$101,766	\$724,212	\$106,918	\$760,875	\$112,331	\$2,495,417
FY2022 CIB (FY22-FY27) Water Storage Tanks (WST) Subtotal =			\$438,187	\$689,315	\$101,766	\$724,212	\$106,918	\$3,287,843	\$112,331	\$5,022,385

Approved FY2021 CIB (FY21 - FY26)	\$689,315	\$101,766	\$724,212	\$106,918	\$3,287,843		\$4,910,054
Change to Program from FY2021 CIB	\$0	\$0	\$0	\$0	\$0		\$0

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 - Moved out from previous FY
- C - Moved in from later FY
- D - Added \$55K Soft Start Controls

St. Mary's County Metropolitan Commission Capital Improvements Budget FY 2022 - 2027 Water

With Escalation i=2.5%

Project Name	Status	Project ID	Prior Approved	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY2022 - 2027 TOTAL
Miscellaneous										
Property Acquisition-Water		8222WM		\$150,000						\$150,000
Exterior Petty Bldg Upgrades (W)		8131BD	\$460,000	\$425,200						\$425,200
FY2022 CIB (FY22-FY27) Miscellaneous Subtotal =			\$460,000	\$575,200	\$0	\$0	\$0	\$0	\$0	\$575,200
Approved FY2021 CIB (FY21 - FY26)				\$0	\$0	\$0	\$0	\$0	\$0	\$0
Change to Program from FY2021 CIB				\$575,200	\$0	\$0	\$0	\$0	\$0	\$575,200
Totals										
Water Lines			\$8,976,361	\$1,195,133	\$7,982,837	\$3,466,610	\$1,958,753	\$3,155,572	\$2,812,221	\$20,571,126
Wells			\$172,060	\$608,500	\$1,134,675	\$59,229	\$298,029	\$62,227	\$313,117	\$2,475,777
Water Storage Tanks (WST)			\$438,187	\$689,315	\$101,766	\$724,212	\$106,918	\$3,287,843	\$112,331	\$5,022,385
Miscellaneous			\$460,000	\$575,200	\$0	\$0	\$0	\$0	\$0	\$575,200
Subtotal			\$10,046,608	\$3,068,148	\$9,219,278	\$4,250,051	\$2,363,700	\$6,505,642	\$3,237,669	\$28,644,488
Capital Reserves		7.5%	\$753,000	\$230,000	\$691,000	\$319,000	\$177,000	\$488,000	\$243,000	\$2,148,000
FY2022 CIB (FY22-FY27) Total =			\$10,799,608	\$3,298,148	\$9,910,278	\$4,569,051	\$2,540,700	\$6,993,642	\$3,480,669	\$30,792,488
Approved FY2021 CIB (FY21 - FY26)				\$9,978,201	\$3,029,567	\$5,973,652	\$6,623,080	\$3,534,843		\$29,139,343
Change to Program from FY2021 CIB				-\$6,680,053	\$6,880,711	-\$1,404,601	-\$4,082,380	\$3,458,799		-\$1,827,525

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 added 10-28-2021
- B - Additional funds added 10-28-2021

PROJECT DETAIL SHEETS
FY2022 – FY2027

WATER LINES

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Shangri-La Drive & S. Essex Drive Water Main Replacement	8171WR 8202WL	Water Lines

DESCRIPTION:

This is a water facilities renewal project. The water system was originally constructed as part of Patuxent Park by the U.S. Navy and is in need of rehabilitation and replacement. The water system is in need of upgrading, mains, valves, fire hydrants, and service laterals. The project will replace the water system on Shangri-La Drive from MD 235 to South Essex Drive and on South Essex Drive from Great Mills Road to Shangri-La Drive. The work consists of the replacement of approximately 4,300 linear feet of water line and 16 fire hydrants, including water service connections to the existing services. The project will affect service and traffic in the area. No new service connections will result from the project. No additional land acquisition, right-of-way or easements will be required. It is anticipated that the project will be completed in two phases.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The Water Facilities Capital Project Plan has identified areas within the existing infrastructure for replacement. The water system has exceeded life expectancy. Repair costs to replace the water service saddles are excessive and has made the system is unreliable. The construction costs are based on a class 4 estimate provided by the consultant, in 2017 dollars plus 2.5% escalation per year.

LOCATION:

8th Election District, 8th Sanitary District, Lexington Park.

Design Ph 1&2
Const. Ph 1 Const. Ph 2

APPROPRIATION PHASE	Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)	\$41,731	\$41,731						\$83,462
PLANNING/DESIGN (11%)	\$185,000							\$185,000
LAND ACQUISITION								\$0
CONSTRUCTION	\$834,617	\$834,617						\$1,669,234
INSPECTION (10%)	\$100,100	\$100,100						\$200,200
CONTINGENCIES (10%)	\$100,100	\$100,100						\$200,200
ESCALATION (2.5%)	\$82,894	\$111,961						\$194,855
TOTAL COSTS	\$1,344,442	\$1,188,509	\$0	\$0	\$0	\$0	\$0	\$2,532,951

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$2,347,951	\$1,159,442	\$1,188,509						
REVOLVING LOAN FUNDS	\$0								
DHCD LOAN	\$185,000	\$185,000							
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
OTHER SOURCES	\$0								
	\$0								
TOTAL FUNDS	\$2,532,951	\$1,344,442	\$1,188,509	\$0	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$2,532,951
TOTAL	100%	\$2,532,951

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
W-MD 5 from MD 246 to MD 471 (SHA Bridge Project)	8203WL	Water Lines

DESCRIPTION:

The Maryland Department of Transportation State Highway Administration (MDOT SHA), is developing a plan for the MD 5 (Leonardtown Rd) from MD 471 (Indian Bridge Rd) to MD 246 (Great Mills Rd) (SM210A21) project, also known as the MD 5 Great Mills Project. The purpose of the project is to improve traffic operations, vehicular safety, and pedestrian connectivity. MetCom has water and sewer facilities in that area that may require relocation. Costs will be determined by prior rights analysis.

PLANNING JUSTIFICATION:

SHA project that will require relocation of utilities as determined by prior rights.

LOCATION:

2nd Election District, 5th Sanitary District, Great Mills

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total Project
ADMINISTRATION (5%)			\$18,519	(\$5,556)						\$12,963
PLANNING/DESIGN (10%)			\$37,037	(\$11,111)						\$25,926
LAND ACQUISITION										\$0
CONSTRUCTION			\$370,370	(\$111,111)						\$259,259
INSPECTION (10%)			\$37,037	(\$11,111)						\$25,926
CONTINGENCIES (10%)			\$37,037	(\$11,111)						\$25,926
ESCALATION Base FY 2022										\$0
TOTAL COSTS			\$500,000	(\$150,000)	\$0	\$0	\$0	\$0	\$0	\$350,000

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$0								
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$350,000	\$500,000	-\$150,000						
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$350,000	\$500,000	-\$150,000	\$0	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$350,000
TOTAL	100%	\$350,000

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Various Water and Service Line Rehabilitation	WO2202	Water Lines

PROGRAM

DESCRIPTION:

Continuing various projects to replace and rehabilitate water lines: saddles, flow monitoring and water line inspection services. Components of water systems particularly mains, gate valves and saddles are manufactured of materials susceptible to deterioration by corrosive soils, persistent moisture, stray currents, temperature differentials and shifting ground conditions.

This capital project will address areas in need throughout the County. Funds will be for both proactive and emergency maintenance.

Improvements include but are not limited to:

Lexington Park – Mains and Valves; Sans Souci MacArthur Blvd. Water Main Replacement.

Cedar Cove - Saddles; Spring Valley - Saddles; Town Creek – Upgrade substandard utilities; Esperanza Farms – Upgrade substandard utilities

Hollywood – Mains and Valves; Leonardtown - Saddles; Mechanicsville - Saddles

Esperanza upgrades to include (Lewis Creek & Potomac Drive)

Mechanicsville & Wicomico Shores Saddles, PRV, and Services (Country Lakes, Golf Course Drive, Army Navy Drive)

EPA required lead and galvanized service line and pipe inventory and replacement plan (required by 1-16-2024)

This project may also provide for the systematic replacement of services at locations where the domestic and fire protection sprinkler systems share a common service line. Locations may include but are not limited to the following:

Hearts Desire, Laurel Glen Townhouses, Pickets harbor, Southgate, Greenview Knolls Townhouses.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards.

Replacement and rehabilitation of aging water line distribution infrastructure. Improvements performed under this Capital project will be capitalized. This project was originally in the operating budget but was moved into the CIB to allow for additional flexibility due to the nature of the project.

LOCATION:

Various Sanitary Districts, Various Election Districts

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program				Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027
ADMINISTRATION (5%)			\$5,000		\$5,000		\$5,000		\$5,000
PLANNING/DESIGN (10%)									\$0
LAND ACQUISITION									\$0
CONSTRUCTION			\$147,940		\$50,000		\$50,000		\$50,000
INSPECTION (10%)			\$5,000		\$5,000		\$5,000		\$5,000
CONTINGENCIES (10%)									\$0
ESCALATION	Base FY	2018	\$4,620		\$7,860		\$11,321		\$14,932
TOTAL COSTS			\$162,560	\$0	\$67,860	\$0	\$71,321	\$0	\$74,932

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	Five Year Capital Program				Balance to Complete
					FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$74,932							\$74,932	
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$301,741	\$162,560		\$67,860		\$71,321			
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$376,673	\$162,560	\$0	\$67,860	\$0	\$71,321	\$0	\$74,932	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$376,673
TOTAL	100%	\$376,673

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
MD 235 Water Main-Southampton to Hermanville Rd	8210WL	Water Lines

DESCRIPTION:

This project is intended to install 2,780 LF of 10 inch along Route 235, from Southampton Drive to Hermanville. The water line would begin at Southampton Drive and extend to the existing 8 inch water line at 21151 Three Notch Road. This project is identified in the prior Water & Sewer Facility Plan as part of Project #12. This new main will run within the MD 235 right of way, easements may be required at Southern end near the water connection at 21151 Three Notch Rd. This project is anticipated to be completed in a single phase.

PLANNING JUSTIFICATION:

This line will provide water flow to link the southern sector of Route 235 (Southgate Center, a stand alone water system) with the greater Lexington Park water system. This connection would provide connection to the Southgate Center that would facilitate our ability to isolate sections of the system as well as provided a greater degree of reliability to customers in the area. This connection would alleviate the need for a second well at Southgate (which has property constraints) as well as allow a second connection Southampton. This project is identified on the Water Facilities Plan as part of Capital Project ID as 12. The cost estimate is based on a class 4 MetCom construction cost estimate in 2017 dollars.

LOCATION:

8th Sanitary District, 8th Election District, Lexington Park

APPROPRIATION PHASE	Design		Construction					Total Project
	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
								\$0
ADMINISTRATION (5%)			\$42,115					\$42,115
PLANNING/DESIGN (10%)	\$84,229							\$84,229
LAND ACQUISITION								\$0
CONSTRUCTION			\$842,290					\$842,290
INSPECTION (10%)			\$84,229					\$84,229
CONTINGENCIES (10%)			\$84,229					\$84,229
ESCALATION Base FY 2017	\$8,744		\$168,135					\$176,879
TOTAL COSTS	\$92,973	\$0	\$1,220,998	\$0	\$0	\$0	\$0	\$1,313,971

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$1,313,971	\$92,973		\$1,220,998					
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$1,313,971	\$92,973	\$0	\$1,220,998	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$1,313,971
TOTAL	100%	\$1,313,971

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Southampton Water System Rehabilitation	8201WL	Water Lines

DESCRIPTION:

The County Commissioners have identified the Southampton Subdivision for infrastructure improvements to sidewalks, curb and gutter, storm drainage, utilities and streets. The Water System Rehabilitation is a water facilities renewal project proposed in conjunction with DPW&T's neighborhood revitalization project. The Water System Rehabilitation project will affect the approximately 97 dwellings by providing them with a more reliable water system. The project will replace or rehabilitate the water system on Southampton Drive, Windsor Drive, Brighton Ave, Cambridge Ave and Lincoln Ave. The work consists of the replacement of approximately 3,700 linear feet of 8" water line and an approximate 1,500 linear feet of 10" waterline from the connection point on Lincoln Ave through the subdivision to the intersection of Southampton Drive and Three Notch to create a loop down to the Southgate Center to improve resiliency (including water service connections to the meter). No new connections will be provided and no additional land, rights-of-way, or easements are anticipated. Begin Design: Spring 2020 (12 months)

FY 2023 - Phase 1 includes a portion of Lincoln Avenue and Southampton Drive, Bristol Avenue, and Windsor Drive.
FY 2025 - Phase 2 includes a portion of Lincoln Avenue and Southampton Drive, Cambridge Avenue, Brighton Avenue.
There is no waterline replacement required in Phase 3.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The condition assessments of the infrastructure are as follows: exceeded life expectancy of the facilities, excessive leakage, excessive repair costs, and inadequate system reliability. Operations and Maintenance are included in the design of the project. The construction costs are based on a class 4 estimate provided by consultant, in 2017 dollars plus 2.5% escalation per year.

LOCATION:

8th Election District, 8th Sanitary District, Southampton Subdivision

			Design 1&2	Const. Ph 1	Const. Ph 2					
APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)			\$50,000		\$8,430		\$8,431			\$66,861
PLANNING/DESIGN (10%)			\$217,000		\$16,080		\$16,080			\$249,160
LAND ACQUISITION										\$0
CONSTRUCTION					\$1,367,407		\$1,157,102			\$2,524,509
INSPECTION (10%)					\$133,725		\$115,436			\$249,161
CONTINGENCIES (10%)					\$133,725		\$115,436			\$249,161
ESCALATION		Base FY 2018	\$13,617		\$218,054		\$266,516			\$498,187
TOTAL COSTS			\$280,617	\$0	\$1,877,421	\$0	\$1,679,001	\$0	\$0	\$3,837,039

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
DHCD/MDE LOAN	\$3,837,039	\$280,617		\$1,877,421		\$1,679,001			
REVOLVING LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
OTHER SOURCES	\$0								
	\$0								
TOTAL FUNDS	\$3,837,039	\$280,617	\$0	\$1,877,421	\$0	\$1,679,001	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$3,837,039
TOTAL	100%	\$3,837,039

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Hollywood Water Systems Connector & Phase 2 Replacement	8141WM	Water Lines

DESCRIPTION:

The Water Systems Connector will install approximately 450 linear feet (LF) of 12-inch pipe along MD-235 from the Hollywood Rescue Squad to the crossing at Dean Lumber Road and approximately 600 LF of 8-inch pipe across MD-235 to Mervell Dean Road. This portion of the project will positively affect all customers in the Broad Creek Subdivision and the Hollywood Town center by creating an 8 inch loop from the Hollywood tower to the 8 inch line along Mervell Dean Road. Originally built in the 1980's, another portion of the project will replace approximately 1,500 LF of 4" water main with a proposed 8" main along Mervell Dean Road and connect to a new water main to be constructed under the Hollywood Water System Connector Project. Customers and traffic in the area will be affected by the construction. This project could provide one potential service connection. No additional land acquisition, right-of-way are required, but easements will be required. The project is anticipated to be completed under a single phase.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The Systems Connector will provide water flow to link the Hollywood town center to the proposed elevated storage tank. This will provide more reliable service and provide a redundancy in supply and elevated storage. Phase 2 is identified in the Water Facility Plan as a pipe replacement project. This line has reached the end of its service life and replacement is necessary before repair costs escalate. The proposed main will meet current standards and provide improved reliability to customers. The construction costs are based on a class 4 estimate provided by consultant, in 2017 dollars plus 2.5% escalation per year.

LOCATION:

6th Election District, 8th Sanitary District, Hollywood

APPROPRIATION PHASE	Prior Approval	Design Budget FY 2022	Construction Five Year Capital Program					Total Project
			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)		\$7,000						\$7,000
PLANNING/DESIGN (10%)		\$134,894						\$134,894
LAND ACQUISITION								\$0
CONSTRUCTION				\$1,399,310				\$1,399,310
INSPECTION (10%)				\$139,931				\$139,931
CONTINGENCIES (10%)				\$139,931				\$139,931
ESCALATION Base FY 2018		\$14,730		\$268,153				\$282,883
TOTAL COSTS	\$0	\$156,624	\$0	\$1,947,325	\$0	\$0	\$0	\$2,103,949

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$2,103,949		\$156,624		\$1,947,325				
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$2,103,949	\$0	\$156,624	\$0	\$1,947,325	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$2,103,949
TOTAL	100%	\$2,103,949

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
MD247 Loveville Road Water Main Replacement		Water Lines

DESCRIPTION:

This project will begin the evaluation and design for the upgrade and replacement of the existing failing 2" diameter galvanized waterline along Loveville Road built in the 1970s. The proposed upgrade will include approximately 1,900 linear feet (LF) of new 8" water main within State Highway right-of-way. The project may also include a 1,000 LF upgrade to the existing 4" diameter waterline that extends into the King and Kennedy Subdivision water station to provide increased fire protection (hydrants). Design: Fall 2023 (7 months).

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. The system was not brought to current standards when taken over by MetCom. Operations and Maintenance have indicated that this system is deteriorating as it nears the end of its service life and is comprised of under size mains. Due to the undersized mains, fire flow is currently not provided in many areas currently served by public water. The replacement of the water mains will provide increased reliability and fire protection.

LOCATION:

6th Election District, 3rd Sanitary District - MD247, King and Kennedy Subdivision

Design Construction

APPROPRIATION PHASE	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total Project
ADMINISTRATION (5%)								\$0
PLANNING/DESIGN (10%)			\$100,000					\$100,000
LAND ACQUISITION								\$0
CONSTRUCTION				\$900,000				\$900,000
INSPECTION (10%)								\$0
CONTINGENCIES (10%)								\$0
ESCALATION Base FY 2018			\$13,141	\$143,724				\$156,865
TOTAL COSTS	\$0	\$0	\$113,141	\$1,043,724	\$0	\$0	\$0	\$1,156,865

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$1,156,865			\$113,141	\$1,043,724				
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$1,156,865	\$0	\$0	\$113,141	\$1,043,724	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$1,156,865
TOTAL	100%	\$1,156,865

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Breton Bay Water System Replacement	2201WL	Water Lines

DESCRIPTION:

This project will replace the Breton Bay Water System located on the Eastern side of Society Hill Road South of Breton Inn which was originally built in the 1960s. This system serves approximately 200 Customers. The water mains do not meet current MetCom specifications and are 50 years old and reaching the end of their useful life. Additionally, the mains in the area are small (2, 4 and 6 inch diameter) and the area is not adequately served by fire hydrants. The existing water mains and water services up to the meter pits will need to be abandoned and new water mains and services will be engineered and constructed consisting of approximately 20,000 lf of 8-inch mains. The new mains will be installed in the existing County maintained right- of- ways. The project is anticipated to be completed in three phases. Design Spring 2020 (15 months) extends from existing well to Lake Drive. Construction: Phase 1 (FY23); Phase 2 (FY27) and Phase 3 (Out Years) will extend from Lake Drive to the end of Port Place.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The existing water infrastructure has reached the end its useful life and are undersized. Frequent breaks reduce system reliability. Due to the undersized mains, fire flow is currently not provided in many areas currently served by public water. The replacement of the water mains will provide adequate fire protection. Operations and Maintenance has recorded 14 water main and service line breaks between August 2014 and December 2016. Repairing these breaks involves shutting down portions of the water system which effects customers. The construction costs are based on a class 4 estimate provided by consultant, in 2017 dollars plus 2.5% escalation per year.

LOCATION:

3rd Election District, 2nd Sanitary District, Breton Bay

			Design Ph 1	Const. Ph 1	Design Ph 2	Const. Ph 2				
APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program				Total Project	
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027		
ADMINISTRATION (5%)			\$50,000		\$118,285			\$87,673	\$255,958	
PLANNING/DESIGN (10%)			\$336,571			\$175,346			\$511,917	
LAND ACQUISITION									\$0	
CONSTRUCTION					\$3,365,708			\$1,753,460	\$5,119,168	
INSPECTION (10%)					\$336,571			\$175,346	\$511,917	
CONTINGENCIES (10%)					\$336,571			\$175,346	\$511,917	
ESCALATION	Base FY	2018	\$21,956		\$546,282		\$33,085	\$545,464	\$1,146,787	
TOTAL COSTS			\$408,527	\$0	\$4,703,417	\$0	\$208,431	\$0	\$2,737,289	\$8,057,664

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$8,057,664	\$408,527		\$4,703,417		\$208,431		\$2,737,289	
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG									
TOTAL FUNDS	\$8,057,664	\$408,527	\$0	\$4,703,417	\$0	\$208,431	\$0	\$2,737,289	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$8,057,664
TOTAL	100%	\$8,057,664

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Town Creek Water System Phase 1 - 4	8081WR 8161WL	Water Lines

DESCRIPTION:

This project is a water facilities renewal project. The Town Creek Water System was originally built in the 1950s and as a stand-alone water system. MetCom later took over operation of this system and incorporated it into the Lexington Park Water System. The distribution system in Town Creek currently serves approximately 360 customers. The water mains do not meet current MetCom specifications, over are 60 years old, and reaching the end of their useful life. In July 2015, 900 feet of emergency waterline repairs were completed on Spruce Drive. Additionally, due to the layout of many of the water services serving the existing homes, individual water meters cannot be installed and water usage cannot be accurately tracked. Accurate drawings of the existing water system do not exist. The Project has prior design approval for Phases 1 & 2. Easements will be required. The Project is expected to have additional phases for a total of five proposed phases. Potential future service connections for the North side of Town Creek Drive have been identified for the following phases: Phase 1 - 8 connections, Phase 2 - 0 connections, and Phase 3 - 7 connections. Future connections for existing homes on private wells will be identified as the phases progress. Water lines will be increased in size from 2 inches to 8 inches to improve flow, reliability and level of service for domestic and fire use. This project will provide stub outs for the North side of Town Creek Drive which is currently served predominately by individual wells. Phase 1: Design completed with Construction NTP April 2019 (10 months). Phase 2: Design completion Spring 2021 with Construction (FY22). Phase 3: Design FY24 and Construction FY26. A public informational workshop was held on 1/17/2018.

PLANNING JUSTIFICATION

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The Water Facilities Capital Project Plan has identified areas within the existing water infrastructure in Town Creek which is within the Development District. The water system has the exceeded life expectancy of the facilities and is undersized in many areas. Additionally, water meters cannot be installed due to the configuration of the water services. The undersized mains do not provide adequate domestic water pressure or fire flow. Operations and Maintenance has recorded 33 water main and service line breaks between June 2014, and December 2016. Repairing these breaks involves shutting down portions of the water system which effects customers. Construction costs are based on a class 2/4 estimate provided by the design consultant plus 2.5% escalation per year.

LOCATION:

8th Election District, 8th Sanitary District, Town Creek Subdivision

APPROPRIATION PHASE	Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
			FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)	\$200,000			\$107,915		\$95,923		\$403,838
PLANNING/DESIGN (10%)	\$564,000			\$302,160		\$191,846		\$1,058,006
LAND ACQUISITION								\$0
CONSTRUCTION	\$4,350,000					\$1,918,464		\$6,268,464
INSPECTION (10%)	\$435,000					\$191,846		\$626,846
CONTINGENCIES (10%)	\$435,000					\$191,846		\$626,846
ESCALATION Base FY 2018	\$203,242			\$65,486		\$565,647		\$834,375
TOTAL COSTS	\$6,187,242	\$0	\$0	\$475,561	\$0	\$3,155,572	\$0	\$9,818,375

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$7,515,948	\$3,884,815			\$475,561		\$3,155,572		
MDE LOAN FUNDS	\$2,052,427	\$2,052,427							
DHCD LOAN	\$250,000	\$250,000							
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$9,818,375	\$6,187,242	\$0	\$0	\$475,561	\$0	\$3,155,572	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$9,818,375
TOTAL	100%	\$9,818,375

WELLS

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Charlotte Hall Well #1		Water Wells

DESCRIPTION:

This project will construct a new production well in either the Patapsco or Aquia Aquifer. This well will replace the existing well that failed in May 2019, affecting all customers in the Charlotte Hall water system. The proposed well will be designed to balance production, and increase efficiency in the Charlotte Hall System.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - Currently the production wells in the area are running approximately 17 hours per day. This results in system wide pressure loss in times of peak demand as well as use exceeding current Groundwater Appropriation Permits (GAP).

LOCATION:

10th Sanitary District, 10th Election District

APPROPRIATION PHASE	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total Project
ADMINISTRATION (5%)			\$30,000					\$30,000
PLANNING/DESIGN (10%)			\$60,000					\$60,000
LAND ACQUISITION								\$0
CONSTRUCTION			\$600,000					\$600,000
INSPECTION (10%)			\$60,000					\$60,000
CONTINGENCIES (10%)			\$60,000					\$60,000
ESCALATION Base FY 2021			\$41,006					\$41,006
TOTAL COSTS	\$0	\$0	\$851,006	\$0	\$0	\$0	\$0	\$851,006

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$851,006			\$851,006					
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$851,006	\$0	\$0	\$851,006	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$851,006
TOTAL	100%	\$851,006

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Grand View Haven Well	2221WL	Water Wells

DESCRIPTION:

COMAR 26.03.02.03 requires that when deep wells are used as a source of water supply, at least 2 wells will be required to serve 100 or more dwellings. This allows for redundancy in the system and for back up in cases of emergency. Grandview Haven Phase 1 contains 111 lots. A second well is required to meet the COMAR requirement.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. COMAR requirement.

LOCATION:

2nd Sanitary District, 4th Election District, Grandview Haven Subdivision

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)				\$20,000						\$20,000
PLANNING/DESIGN (10%)				\$40,000						\$40,000
LAND ACQUISITION										\$0
CONSTRUCTION				\$400,000						\$400,000
INSPECTION (10%)				\$40,000						\$40,000
CONTINGENCIES (10%)				\$40,000						\$40,000
ESCALATION	Base FY	2021		\$13,500						\$13,500
TOTAL COSTS			\$0	\$553,500	\$0	\$0	\$0	\$0	\$0	\$553,500

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$553,500		\$553,500						
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$553,500	\$0	\$553,500	\$0	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$553,500
TOTAL	100%	\$553,500

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Well Rehabilitation, Replacement, Installation and Inspections	WO2201	Water Wells

PROGRAM

DESCRIPTION:

Inspections, installation of new wells, and rehabilitation or replacement of existing wells, including but not limited to controls, soft start controls, and pumps. Ongoing program to inspect wells semi-annually and to upgrade or maintain capacity. The Commission currently has 61 wells.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - Maintenance of infrastructure through a continuing program of inspection and rehabilitation. Estimates include 2.5% escalation per year.

LOCATION:

Various Sanitary Districts, Various Election Districts

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)			\$10,000		\$10,000		\$10,000		\$10,000	\$40,000
PLANNING/DESIGN (10%)			\$20,000		\$20,000		\$20,000		\$20,000	\$80,000
LAND ACQUISITION										\$0
CONSTRUCTION			\$102,060	\$55,000	\$200,000	\$55,000	\$200,000	\$55,000	\$200,000	\$867,060
INSPECTION (10%)			\$20,000		\$20,000		\$20,000		\$20,000	\$80,000
CONTINGENCIES (10%)			\$20,000		\$20,000		\$20,000		\$20,000	\$80,000
ESCALATION	Base FY	2021			\$13,669	\$4,229	\$28,029	\$7,227	\$43,117	\$96,271
TOTAL COSTS			\$172,060	\$55,000	\$283,669	\$59,229	\$298,029	\$62,227	\$313,117	\$1,243,331

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$0								
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$1,243,331	\$172,060	\$55,000	\$283,669	\$59,229	\$298,029	\$62,227	\$313,117	
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$1,243,331	\$172,060	\$55,000	\$283,669	\$59,229	\$298,029	\$62,227	\$313,117	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$1,243,331
TOTAL	100%	\$1,243,331

WATER STORAGE TANKS

**CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022**

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
St. Clements Shores Water Storage Tank	2191WT	Water Storage Tanks

DESCRIPTION:

This storage is necessary because the existing 44,500 gallon storage tank will be inadequate to efficiently meet daily demand and provide fire flow for this community. Project includes the extension of approximately 1,500 linear feet of 12" waterline to the storage tank site. To meet the storage requirement in the St. Clements Shores service area, it is necessary to install approximately 200K gallons of storage to meet projected demand and fire flow. This storage is necessary because the existing ground storage will be insufficient. Prior approved monies for the water line extension may be accomplished with the tower construction. The project may include land acquisition (FY 2020) to provide sufficient area to construct the new water storage tank. It is anticipated that the project will be completed after Phase 2 of the St. Clements Shores Water System Replacement project.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - The current St. Clements Shores Water System consists of one 180gpm well, one 200gpm well and a 44,500 gallon ground storage tank. Due to infill and the imperative need to upgrade the water mains, a new storage tank is needed to ensure adequate water supply to meet domestic demand and fire suppression needs. Operations and Maintenance will be included in the design of the water storage tower. The construction costs are based on a class 4 estimate provided by consultant, in 2017 dollars plus 2.5% escalation per year.

LOCATION:

3rd Election District ,2nd Sanitary District, St. Clements Shores

Design			Construction					Total Project
APPROPRIATION PHASE	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)						\$52,000		\$52,000
PLANNING/DESIGN (10%)						\$54,000		\$54,000
LAND ACQUISITION								\$0
CONSTRUCTION	\$249,075					\$1,640,000		\$1,889,075
INSPECTION (10%)						\$164,000		\$164,000
CONTINGENCIES (10%)						\$164,000		\$164,000
ESCALATION Base FY 2018						\$452,968		\$452,968
TOTAL COSTS	\$249,075	\$0	\$0	\$0	\$0	\$2,526,968	\$0	\$2,776,043

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$2,526,968						\$2,526,968		
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$249,075	\$249,075							
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$2,776,043	\$249,075	\$0	\$0	\$0	\$0	\$2,526,968	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$2,776,043
TOTAL	100%	\$2,776,043

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

Approved by CSMC 5/25/2021
Approved by MetCom Board 5/25/2021

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Water Tank Inspections, Painting and Replacement/Upgrades	WO2217	Water Storage Tanks

PROGRAM

DESCRIPTION:

Inspections, painting and rehabilitation or replacement of ground, pressure and elevated water storage tanks to prevent deterioration of these structures due to weathering, exposure and age. Ongoing project to inspect approximately 20% of the 45 total tanks annually that are in the Commission inventory. In some cases, it is more economical to replace small tanks than to rehabilitate and paint. Project includes rehabilitation and upgrade to various water storage tanks, such as but not limited to: St. Clements Shores, Wild Goose Crest, Villages of Leonardtown, and Ben Oaks (per 12-17-2020 inspection report).
FY2021 construction includes Great Mills Standpipe upgrade.

PLANNING JUSTIFICATION:

Comprehensive Plan 7.4.2.A.i.b - Upgrade community water systems to appropriate standards. - Maintenance of infrastructure through a continuing program of inspection and rehabilitation. Estimates include 2.5% escalation per year.

LOCATION:

Various Sanitary Districts, Various Election Districts

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)			\$4,500	\$24,300	\$4,500	\$24,300	\$4,500	\$24,300	\$4,500	\$90,900
PLANNING/DESIGN (10%)			\$90,000	\$48,600		\$48,600		\$48,600		\$235,800
LAND ACQUISITION										\$0
CONSTRUCTION			\$90,000	\$486,000	\$90,000	\$486,000	\$90,000	\$486,000	\$90,000	\$1,818,000
INSPECTION (10%)				\$48,600		\$48,600		\$48,600		\$145,800
CONTINGENCIES (10%)				\$48,600		\$48,600		\$48,600		\$145,800
ESCALATION	Base FY	2020	\$4,612	\$33,215	\$7,266	\$68,112	\$12,418	\$104,775	\$17,831	\$248,229
TOTAL COSTS			\$189,112	\$689,315	\$101,766	\$724,212	\$106,918	\$760,875	\$112,331	\$2,684,529

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$0								
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$2,174,402		\$689,315		\$724,212		\$760,875		
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$510,127	\$189,112		\$101,766		\$106,918		\$112,331	
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$2,684,529	\$189,112	\$689,315	\$101,766	\$724,212	\$106,918	\$760,875	\$112,331	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	
FACILITIES EXPANSION	0%	
REHAB/REPLACEMENT	100%	\$2,684,529
TOTAL	100%	\$2,684,529

WATER MISC

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Property Acquisition-Water	8222WM	Water Misc.

DESCRIPTION:

Provide flexible funding to obtain property (fee simple or easement) and access for the storage conveyance/ treatment / disposal of public water supply. Funding may be utilized for acquisition of land in areas where facilities are near or at capacity (i.e. future Charlotte Hall water station/well site), where MetCom owned property is limited (i.e. St. Clements Shores, Town Creek), where little to no developable land for future expansion is available (i.e. Southgate well site), and/or where MetCom has prior agreements in place (i.e. Hunting Quarter water station, Glen Forest water storage tower). In addition, funds could be used to address acquisitions where existing facilities are not currently on MetCom owned property (ie. Fenwick Manor and Persimmon Hills well sites) and/or to secure easements and right-of-ways for existing facilities (ie. Holland Forrest well site). Additionally, the funds could aid in obtaining easements and/or fee simple land to provide requested service to remote areas or to help the County address Water Problem Areas as described in the Comprehensive Water & Sewerage Plan.

PLANNING JUSTIFICATION:

Chapter 113 -3.B (1) & (2) of the Code of St. Mary's County authorizes the Commission to take or acquire any land, structure, or buildings in either fee simple or easement for construction, extension or maintenance.

LOCATION:

Various Locations throughout the County

APPROPRIATION PHASE	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Total Project
ADMINISTRATION (5%)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PLANNING/DESIGN (10%)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
LAND ACQUISITION	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000
CONSTRUCTION	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
INSPECTION (10%)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CONTINGENCIES (10%)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ESCALATION Base FY 2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL COSTS	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$150,000

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	Balance to Complete
MDE/DHCD LOAN	\$0								
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$150,000		\$150,000						
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$150,000	\$0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	\$0
FACILITIES EXPANSION	0%	\$0
REHAB/REPLACEMENT	100%	\$150,000
TOTAL	100%	\$150,000

CAPITAL IMPROVEMENT BUDGET and PROGRAM
FISCAL YEAR 2022

PROJECT TITLE	PROJ. NO.	PROJECT CLASSIFICATION
Exterior Petty Bldg Upgrades (W)	8131BD	Water Misc.

DESCRIPTION:

This project will encompass buildings at two facilities and will be completed in 2 phases.

Phase 1 will be the Construction Building Rehabilitation. This phase will rehabilitate the existing Construction Building located at the Marlay-Taylor Water Reclamation Facility (MTWRF) and will also provide updated office, equipment, material storage areas, and site improvements for drainage, parking and circulation. The addition of a freight elevator will also be evaluated to access parts and supplies.

Phase 2 will be the new Maintenance Building at the Petty Building site and will provide a new climate controlled Maintenance Building at the existing MetCom Petty Building Site for Operations and Maintenance vacuum trucks to facilitate winter operation and to provide a centralized grinder pump storage facility. This project will also provide site improvements including parking, and secure material storage for these Departments.

Phase 1 Construction FY2021. Phase 2 Design FY2021/Construction FY2022.

All or a portion of the balance of uncommitted funds in prior approved DHCD loan #38 (\$864K) has been approved as an eligible use for the updated scope of this project.

50% Water / 50% Sewer - see associated CIB Sheet.

PLANNING JUSTIFICATION:

These upgrades will provide the Construction Department with improved facilities to better serve the region and will also improve the efficiency of the Maintenance Department. Previous scope (2013-2017) was the co-location of the facilities at the Petty Building site which included an equipment/storage addition and new office space for staff. This upgrades will also meet MOSH regulations.

LOCATION:

All Sanitary Districts

APPROPRIATION PHASE			Prior Approval	Budget FY 2022	Five Year Capital Program					Total Project
					FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
ADMINISTRATION (5%)			\$17,563	\$16,229	\$0	\$0	\$0	\$0	\$0	\$33,792
PLANNING/DESIGN (10%)			\$25,926	\$22,721	\$0	\$0	\$0	\$0	\$0	\$48,647
LAND ACQUISITION			\$0		\$0	\$0	\$0	\$0	\$0	\$0
CONSTRUCTION			\$351,226	\$324,580	\$0	\$0	\$0	\$0	\$0	\$675,806
INSPECTION (10%)			\$30,093	\$29,212	\$0	\$0	\$0	\$0	\$0	\$59,305
CONTINGENCIES (10%)			\$35,193	\$32,458	\$0	\$0	\$0	\$0	\$0	\$67,651
ESCALATION	Base FY	2021	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL COSTS			\$460,000	\$425,200	\$0	\$0	\$0	\$0	\$0	\$885,200

FUNDING SOURCE	Total Project	Prior Approval	Budget FY 2022	Five Year Capital Program					Balance to Complete
				FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	
MDE/DHCD LOAN	\$0								
MDE LOAN FUNDS	\$0								
DHCD LOAN	\$0								
BONDS	\$0								
STATE GRANT	\$0								
COUNTY FUNDS	\$0								
METCOM FUNDS	\$0								
DIRECT CHRGS - SYS IMPR CHG	\$0								
DIRECT CHRGS - CAP CONTR CHG	\$0								
TOTAL FUNDS	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

FUNDING ASSIGNMENT	Total Project %	Total Project \$
SERVICE AREA EXPANSION	0%	\$0
FACILITIES EXPANSION	25%	\$221,300
REHAB/REPLACEMENT	75%	\$663,900
TOTAL	100%	\$885,200