



Burgess and Commissioners of Middletown

Water & Sewer Capital Improvement Program

FY 2022 - FY 2026

	FY '22	FY '23	FY '24	FY '25	FY '26
REVENUE					
CASH Reserves	\$0	\$216,876	\$365,439	\$654,300	\$365,543
Operation Fund Contribution (Surplus)	\$236,802	\$138,600	\$0	\$0	\$0
CAPITAL IMPROVEMENT FEE	\$341,600	\$346,400	\$351,200	\$358,590	\$364,790
Inflow & Infiltration - Reserve Account ^(Footnote #1)		\$375,000			
Sludge Removal - Reserve Account ^(Footnote #2)	\$35,000				
Land Leases <i>(Cellular Antennas on Tank & Comcast Node)</i>	\$202,594	\$209,685	\$217,024	\$224,619	\$232,481
Tap Fees ^(Footnote #3)	\$333,000	\$665,100	\$558,000	\$378,000	\$360,000
General Fund Reimbursement - DRZ	\$0	\$24,750	\$24,750	\$24,750	\$24,750
State of MD Bay Restoration Fee - Grant					\$1,000,000
Total Revenue	\$1,148,996	\$1,976,411	\$1,516,413	\$1,640,259	\$2,347,564
Debt Service					
MAIN STREET WATERLINE LOAN ^(Footnote #4)	\$134,076	\$134,076	\$134,076	\$134,076	\$134,076
GROUND STORAGE TANK LOAN ^(Footnote #5)	\$113,054	\$113,054	\$113,054	\$113,054	\$113,054
Total Debt Service	\$247,129	\$247,129	\$247,129	\$247,129	\$247,129
Net Income	\$901,866	\$1,729,281	\$1,269,283	\$1,393,130	\$2,100,435
Projects					
SYSTEM UPGRADE PROJECTS					
WATER SYSTEM					
Reservoir Improvements - Ground Storage Tank & New Suction Line	\$152,663				
Booster Station - Upgrade; Pumps; VFD's; Piping	\$331,257				
Booster Station - New Magmeter	\$5,000				
Booster Station - Roof Replacement/Building Painting	\$5,000				
SCADA System Installation - Phase II & III	\$10,000		\$50,000		
Water & Sewer Facilities Study	\$40,000				
Water Meter Replacements	\$10,070	\$15,642	\$14,983	\$12,587	\$18,645
Regional PRV Pressure Monitors		\$5,000			
Well Field Pump Replacement		\$9,200			
Well 15 Turbidimeter Replacement		\$4,000			
WASTEWATER SYSTEM					
Brookridge South PS - Spare Pump	\$6,000				
Upgrade of West WWTP <i>(Possible Future)</i>				\$175,000	\$1,550,000
Cone Branch Pump Station - Roof Replacement		\$20,000			
East WWTP - Bar Screen Refurbishment	\$55,000				
East WWTP - Dewatering Solution Sludge Tank - Engineering			\$15,000	\$25,000	
East WWTP - Influent Flume & Ultrasonic Meter			\$20,000		
East WWTP - Filter Building Roof Replacement		\$30,000			
East WWTP - New Filter Tank		\$400,000			
East WWTP - Sludge Removal Reed Beds	\$35,000				
East WWTP - Sludge Mag Meter			\$15,000		
Vactor Trailer & Excavator				\$190,000	
West WWTP Muffin Monster Refurbish	\$17,000				
Reed Bed Pumps Service/Rebuild	\$5,000				
Effluent PS New Louver Damper		\$2,000			
Admin Bldg New Front Door	\$2,000				
CBPS SCADA Valve	\$13,000				
CBPS Muffin Monster Replacement	\$15,000				
CBPS Spare Transducer		\$3,000			
Inflow & Infiltration Study & Construction		\$375,000		\$125,000	
Total Projects	\$701,990	\$863,842	\$114,983	\$527,587	\$1,568,645
Gross Surplus/Deficit	\$199,876	\$865,439	\$1,154,300	\$865,543	\$531,790
CAPITAL IMPROVEMENT RESERVE ACCOUNT	\$0	\$500,000	\$500,000	\$500,000	\$500,000
Net Surplus / Deficit	\$199,876	\$365,439	\$654,300	\$365,543	\$31,790
Footnotes					
#1	As of 3/10/2021 - \$386,551 Balance in the I&I Reserve Account				
#2	As of 3/10/2021 - \$225,450 Balance in the Sludge Reserve Account				
#3	See Growth Projections Worksheet				
#4	See Loan Breakdown Worksheet (30 Year Loan)				
#5	See Loan Breakdown Worksheet (30 Year Loan)				