



**Burgess and Commissioners of Middletown**  
**Water & Sewer Capital Improvement Program**  
**FY 2021 - FY 2025**

<b>REVENUE</b>	<b>FY '21</b>	<b>FY '22</b>	<b>FY '23</b>	<b>FY '24</b>	<b>FY '25</b>
CASH Reserves	\$510,104	\$71,425	\$311,459	\$504,787	\$743,305
Operation Fund Contribution (Surplus)	\$67,813	\$20,000	\$10,000	\$5,000	\$0
<b>CAPITAL IMPROVEMENT FEE</b>	\$345,000	\$345,200	\$345,400	\$345,600	\$349,800
Inflow & Infiltration - Reserve Account <sup>(Footnote #1)</sup>		\$250,000		\$125,000	
Sludge Removal - Reserve Account <sup>(Footnote #2)</sup>			\$35,000		
Land Leases <i>(Cellular Antennas on Tank &amp; Comcast Node)</i>	\$202,517	\$209,605	\$216,941	\$224,534	\$232,393
Tap Fees <sup>(Footnote #3)</sup>	\$18,000	\$18,000	\$683,100	\$683,100	\$378,000
Capital Improvement Reserve Account	\$575,000				
State of MD Bay Restoration Fee - Grant					\$1,000,000
Reservoir Tank Loan <sup>(Footnote #5)</sup>	\$2,058,605				
<b>Total Revenue</b>	<b>\$3,777,040</b>	<b>\$914,230</b>	<b>\$1,601,900</b>	<b>\$1,888,022</b>	<b>\$2,703,498</b>
<b>Debt Service</b>					
MAIN STREET WATERLINE LOAN <sup>(Footnote #4)</sup>	<b>\$134,076</b>	<b>\$134,076</b>	<b>\$134,076</b>	<b>\$134,076</b>	<b>\$134,076</b>
RESERVOIR TANK LOAN <sup>(Footnote #5)</sup>	<b>\$23,564</b>	<b>\$113,054</b>	<b>\$113,054</b>	<b>\$113,054</b>	<b>\$113,054</b>
<b>Total Debt Service</b>	<b>\$157,640</b>	<b>\$247,129</b>	<b>\$247,129</b>	<b>\$247,129</b>	<b>\$247,129</b>
<b>Net Income</b>	<b>\$3,619,400</b>	<b>\$667,101</b>	<b>\$1,354,770</b>	<b>\$1,640,892</b>	<b>\$2,456,368</b>
<b>Projects</b>					
<b>SYSTEM UPGRADE PROJECTS</b>					
<b>WATER SYSTEM</b>					
Reservoir Improvements - Ground Storage Tank & New Suction Line	\$3,200,905				
Booster Station - Upgrade; Pumps; VFD's; Piping	\$200,000				
PRV Vault Pipe Painting and Cleaning	\$9,000				
Booster Station - Roof Replacement/Building Painting				\$5,000	
SCADA System Installation - Phase II			\$50,000		
Water Meter Replacements	\$10,070	\$15,642	\$14,983	\$12,587	\$18,645
<b>WASTEWATER SYSTEM</b>					
West WWTP - Curtain Replacement		\$25,000		\$80,000	
West WWTP - Plug Valve Replacement Micro Strainer Bldg			\$15,000		
West WWTP - New Chemical Storage Structure				\$85,000	
<i>Upgrade of West WWTP (Possible Future)</i>				\$175,000	\$1,550,000
East WWTP - Bar Screen Refurbishment	\$70,000				
East WWTP - Dewatering Solution Sludge Tank - Engineering			\$15,000	\$25,000	
East WWTP - Influent Flume & Ultrasonic Meter			\$20,000		
East WWTP - Reconstruction of Filter Tank	\$58,000				
East WWTP - Replace Effluent Pump #1		\$20,000			
East WWTP - Filter Building Roof Replacement		\$30,000			
East WWTP - New Filter Tank			\$500,000		
East WWTP - Sludge Removal Reed Beds			\$35,000		
East WWTP - Sludge Mag Meter		\$15,000			
Vactor Trailer & Excavator				\$190,000	
Inflow & Infiltration		\$250,000		\$125,000	
<b>Total Projects</b>	<b>\$3,547,975</b>	<b>\$355,642</b>	<b>\$649,983</b>	<b>\$697,587</b>	<b>\$1,568,645</b>
<b>Gross Surplus/Deficit</b>	<b>\$71,425</b>	<b>\$311,459</b>	<b>\$704,787</b>	<b>\$943,305</b>	<b>\$887,723</b>
<b>CAPITAL IMPROVEMENT RESERVE ACCOUNT</b>	<b>\$0</b>	<b>\$0</b>	<b>\$200,000</b>	<b>\$200,000</b>	<b>\$200,000</b>
<b>Net Surplus / Deficit</b>	<b>\$71,425</b>	<b>\$311,459</b>	<b>\$504,787</b>	<b>\$743,305</b>	<b>\$687,723</b>
<b>Footnotes</b>					
#1	As of 4/7/2020 - \$316,749 Balance in the I&I Reserve Account				
#2	As of 4/7/2020 - \$201,388 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)				
#6	Capital Improvement Reserve Account - \$25,000.00				