

Town of Middletown
Water Sewer Fund
Capital Improvement Program



Burgess and Commissioners of Middletown
Water & Sewer Capital Improvement Program
FY 2017 - FY 2021

INCOME	FY '17	FY '18	FY '19	FY '20	FY '21
CASH Reserves	\$251,799	\$22,658	\$62,512	\$300,363	\$202,451
DEBT SERVICE FEE - NEW HOMES	\$139,000	\$141,400	\$148,500	\$157,200	\$164,100
CAPITAL IMPROVEMENT FEE	\$149,298	\$159,132	\$168,966	\$178,800	\$178,800
Inflow & Infiltration - Reserve Account	\$75,000	\$420,000			
Land Leases	\$192,028	\$199,709	\$207,697	\$216,005	\$224,646
Tap Fees (See Growth Projections)	\$710,000	\$609,000	\$483,000	\$84,000	\$20,000
Main Street Waterline Loan	\$2,895,000	\$965,000			
Reservoir Cover Loan		\$819,500			
Total Revenue	\$4,412,125	\$3,336,399	\$1,070,675	\$936,368	\$789,996
Debt Service					
WATER STORAGE TANK LOAN	\$111,820				
EAST WWTP LOAN	\$241,265	\$241,265	\$241,265	\$239,265	
MAIN STREET WATERLINE LOAN	\$252,462	\$250,184	\$250,294	\$250,899	\$252,399
RESERVOIR LOAN	\$56,670	\$56,578	\$56,754	\$56,754	\$56,725
DEVELOPMENT PROJECTS					
Brookridge WTP (Loan Payments)	\$200,000	\$201,361			
<i>Outstanding Balance - \$401,361.82</i>					
Total Debt Service	\$862,217	\$749,388	\$548,313	\$546,918	\$309,124
Net Income	\$3,549,908	\$2,587,012	\$522,363	\$389,451	\$480,872
Projects					
SYSTEM UPGRADE PROJECTS					
WATER SYSTEM					
Main Street Waterline Program	\$2,895,000	\$965,000			
Reservoir - Dual Feed Cover/Liner Replacement/Road Rebuild		\$819,500			
Fluoride Systems - Well #15/#16 & Brookridge WTP	\$60,000				
Stream Erosion - Well Field Restoration	\$125,000				
Scada Control System	\$76,000	\$50,000	\$25,000		
Booster Station - Replace Starters with VFD's		\$125,000			
Booster Station - Pump Bypass Connections	\$25,000				
Booster Station - Process Piping Replacement			\$40,000		
Booster Station - Roof Replacement/Building Painting		\$5,000			
Fire Hydrant Install - Elm & Washington Street	\$8,000				
Water Meter Replacements	\$65,250	\$60,000	\$57,000	\$57,000	\$55,000
<i>Springline Replacement - US 40 to Reservoir (Expected 2025)</i>			\$100,000	\$100,000	\$100,000
WASTEWATER SYSTEM					
West WWTP - Curtain Replacement	\$60,000				
West WWTP - New Chemical Storage Structure	\$15,000				
West WWTP - Influent Meter Replacement		\$15,000			
West WWTP - Roof Replacement				\$30,000	
East WWTP - Bar Screen Refurbishment	\$40,000				
East WWTP - Influent Flume & Ultrasonic Meter	\$16,000				
East WWTP - Sludge Mag Meter		\$15,000			
Vector Trailer & Excavator		\$50,000			
Inflow & Infiltration	\$75,000	\$420,000			
Brookridge PS Vault Magmeter & Cabinet	\$11,000				
Brookridge PS - 3 Phase VFD and New Pump Installation	\$25,000				
Cone Branch PS - New Pumps	\$31,000				
Total Projects	\$3,527,250	\$2,524,500	\$222,000	\$187,000	\$155,000
Surplus / Deficit	\$22,658	\$62,512	\$300,363	\$202,451	\$325,872