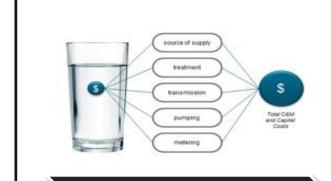


## Study Approach / Overview



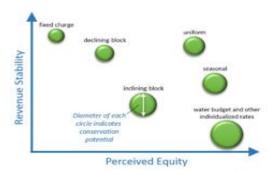
#### **Financial Plan**

- Operating Costs
- Capital Costs
- Revenue Adjustments
- Financial Policies
- Debt Coverage
- Reserves



#### **Cost of Service**

- Evaluate Available Data
- Establish Classes
- Identify Methodology
- Compare Results to Current Revenue



#### **Rate Design**

- Evaluate Objectives
- Identify Structures
- Set Parameters
- Customer Impacts

# Financial Planning Assumptions – Expenditures

- FY20 budget used as starting point for modeling
  - Expenditures inflated on line item level by expenditure type (average annual 3%)
- Payment of water and sewer existing debt service
  - Outstanding Principal Water: \$9.3m, Sewer: \$30.9m
- 10-year capital plan included in FY20 budget document
  - Water \$21.6m
  - Sewer \$3.1m
- Annual estimate for Capital Replacement Costs
  - Water \$150k
  - Sewer \$200k
- Assume use of cash and debt to fund future capital
  - Utility models optimize for cash / debt mix

# Financial Planning Assumptions - Revenues

- At this stage in study, no change in rate structure
- Annual 1% decline in per account usage
  - Consistent with historical Town usage patterns and industry experience
- Significant reduction in new customer growth from historical levels
  - Availability fee forecast of revenues based on FY20 budget document

## Financial Planning Target

- Sufficient Reserve Levels
  - Target > 12 months of O&M and debt service expenses
- Structural Balance Revenues to Expenditures

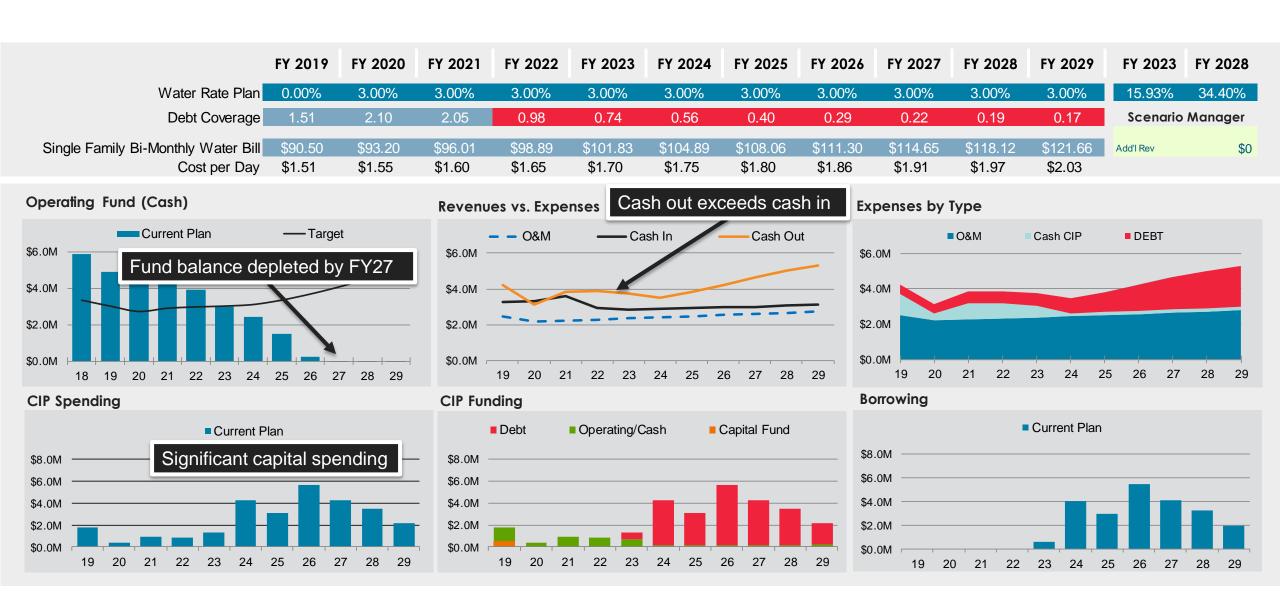
- Ratio of net income to debt payments:
  - Target > 1.0 times annual payment requirements

#### Initial Financial Plan Scenarios

- 1) Assume 3% annual increases in water and sewer rates
- 2) Flat Rate Model
- 3) New 3% meals tax funding (\$1.2m per year) transferred to Sewer Fund

Model Demonstration - Scenario Analysis

### Water - Scenario 1:3% annual increases



#### Water - Scenario 2: Level Increases

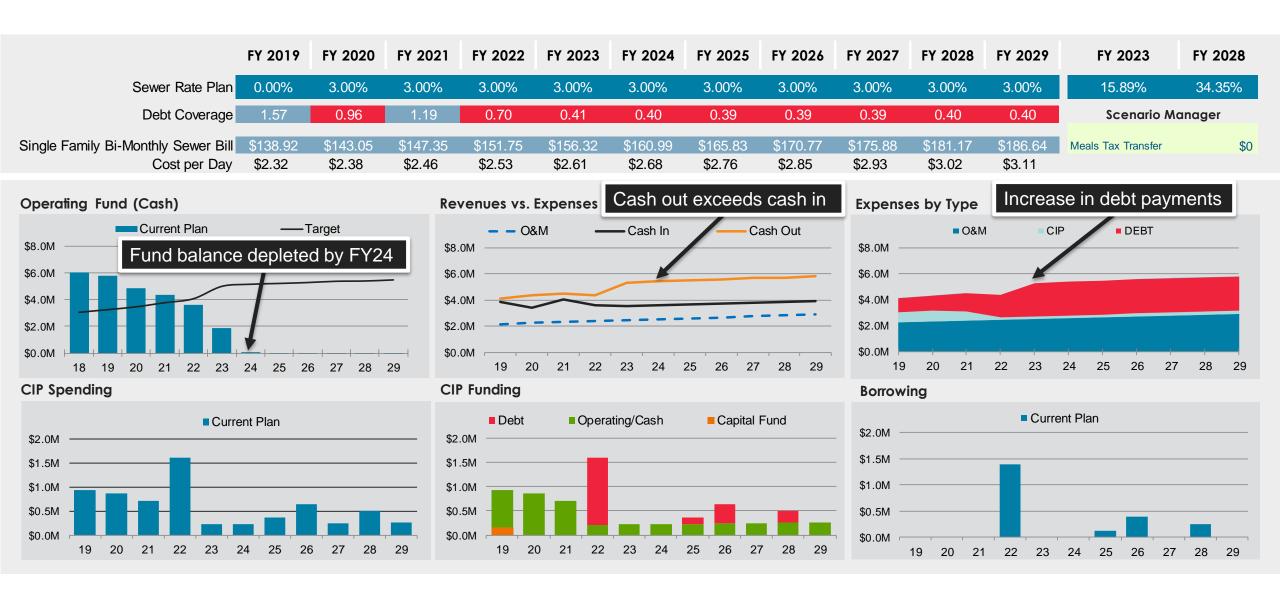
\$0.0M

\$0.0M



\$0.0M

## Sewer - Scenario 1:3% annual increases



### Sewer - Scenario 2: Level Increases



#### Sewer - Scenario 3: New \$1.2 M Meals Tax (80% from non-residents)



# Chargeback Analysis

- Chargeback reflects services provided by the General Fund in support of Utility Funds
- Chargeback consists of allocation of personnel related expenditures
  - Salaries and benefits
- Stantec developed a chargeback allocation model and worked with Town staff to determine time spent by employee in support of utilities

# Chargeback Results

Fund	FY 2020 Budget Chargeback	Full Cost Calculated Chargeback
Water	\$493,226	\$607,262
Sewer	\$493,226	\$637,480
Total	\$986,452	\$1,244,742

- The Town could justify a higher chargeback amount for the Water and Sewer Funds based on support provided by General Fund.
- At this time, the Utility Funds are not in a position to support additional expenditures related to the chargeback.