

The background of the slide is a light gray gradient with several realistic water droplets of various sizes scattered across it. The droplets have highlights and shadows, giving them a three-dimensional appearance.

# **WATER SUPPLY DIVISION**

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# **BARNSTABLE MUNICIPAL WATER SUPPLY BOARD**

SAMUEL WILSON, CHAIR

BARNSTABLE MUNICIPAL WATER SUPPLY BOARD

SPECIAL TOWN COUNCIL MEETING FEBRUARY 29, 2024

PAST

PRESENT

FUTURE



# PAST | A HISTORY

BARNSTABLE WATER COMPANY FOUNDED IN 1911

SERVICES COMMUNITIES OF HYANNIS, HYANNIS PORT, AND WEST HYANNISPORT

TOWN OF BARNSTABLE ACQUIRED ASSETS IN MAY, 2005

- Creating Water Supply Division
- Enterprise account-funded division of DPW

OPERATED UNDER CONTRACT BY VEOLIA

PFAS CONTAMINATION ROSE TO PROMINENCE IN 2015

STARTED TREATING FOR PFAS AND TREATS 100% OF ALL ITS WELL WATER TODAY



# PRESENT | WATER BOARD

BARNSTABLE MUNICIPAL WATER SUPPLY BOARD

MEETS MONTHLY TO OVERSEE SYSTEM OPERATIONS AND CUSTOMER SERVICE, CAPITAL PLAN,  
FINANCIALS AND RATES

- Board consists of 5 members
  - 3 residential rate payers
  - 2 commercial rate payers

RENAMED FROM HYANNIS WATER BOARD IN 2023

# PRESENT | SYSTEM MAP

SYSTEM CONSISTS OF 12 WELLS LOCATED IN THE FOLLOWING CLUSTERS

- Mary Dunn / Airport
- Maher
- Straightway/ Simmons Pond / Hyannisport

TREATMENT FACILITIES

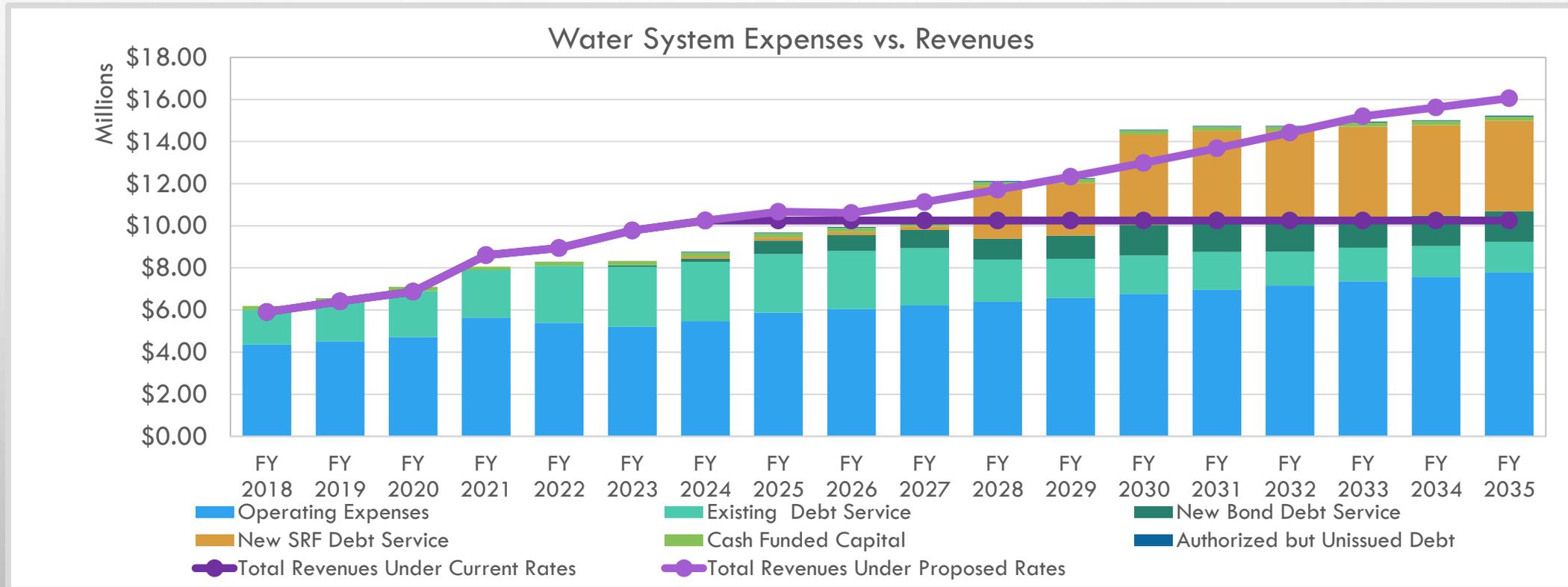
- Maher Filtration Plant
- Conditioned / Exterior Carbon Filtration



# PRESENT | SYSTEM BUDGET

- REVENUES: \$8.5M+
  - OPERATION AND MANAGEMENT BUDGET: \$5.4M
  - DEBT SERVICE: \$3.2M
  - CAPITAL IMPROVEMENT PLAN: \$2M - \$40M
    - \$1.5M ANNUAL PIPE REPLACEMENT
- BUDGET TO MAINTAIN 4 MONTHS OF EXPENSES IN SURPLUS
  - ABLE TO LIMIT ANNUAL FEE INCREASE TO 5%
  - BOARD REEVALUATES RATES AND BUDGET EACH YEAR

# PRESENT | BUDGET VISUALIZED



# PRESENT | TREATING FOR PFAS

- ACTIVE CARBON FILTRATION - 20 FILTERS
- CONDITIONED UNITS
  - MAHER
  - MARY DUNN WELLS
- OPEN AIR UNITS
  - HYANNISPORT
  - SIMMONS POND
  - STRAIGHTWAY
  - AIRPORT



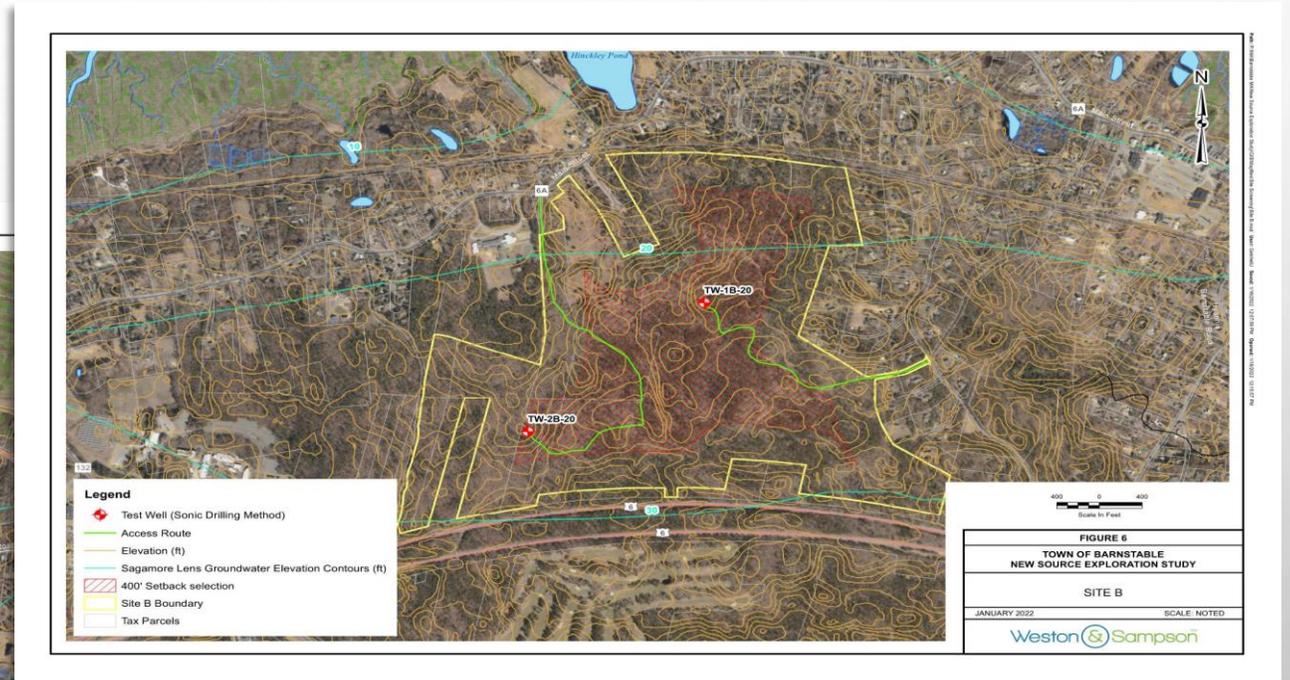
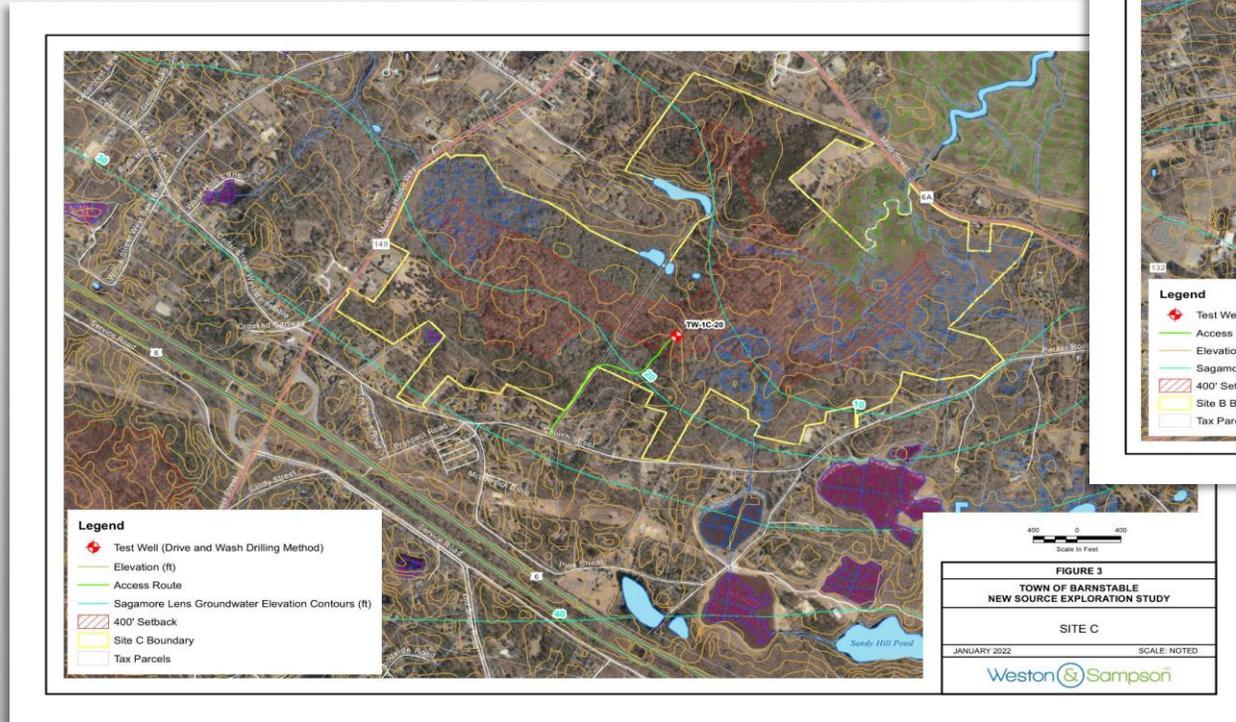
# FUTURE | TREATING WATER

- COMBINED STRAIGHTWAY AND HYANNISPORT TREATMENT FACILITY
  - IN DESIGN PHASE
  - EXPECTED COST: \$36M
  - DELIVERY: 2026
- LEAD SERVICE LINE REPLACEMENT
- MARY DUNN & AIRPORT TREATMENT PLANT
  - PRELIMINARY DESIGN PHASE
  - EXPECTED COST: \$27M
  - DELIVERY: 2028

# FUTURE | ADDITIONAL WATER SUPPLY

- MARY DUNN WELL 4
  - REQUEST FOR BID (RFB) OUT FOR NEW WELL BUILDING
  - WILL ADD 500 GPM - 10% INCREASE IN PUMPING CAPACITY
- NEW WELL EXPLORATION PROGRAM
  - 10-YEAR HORIZON FOR NEW WELLS
  - LOOKING AT MULTIPLE LOCATIONS WITHIN THE TOWN
    - OUTSIDE CURRENT SERVICE AREA

# FUTURE | NEW WELL EXPLORATION MAP





# **CONCLUSION | SERVING THE TOWN**

- THE TOWN'S MUNICIPAL WATER SUPPLY DIVISION, WITH RATE PAYER OVERSIGHT
  - LARGE CHALLENGES AHEAD TO MAINTAIN AND IMPROVE WATER SOURCE, QUALITY, DISTRIBUTION
  - ALWAYS STRIVING TO DELIVER THE BEST QUALITY WATER AT THE MOST AFFORDABLE RATE POSSIBLE
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