



Presentation to

MWRA Advisory Board

***MWRA Year End Highlights and
Look Ahead***

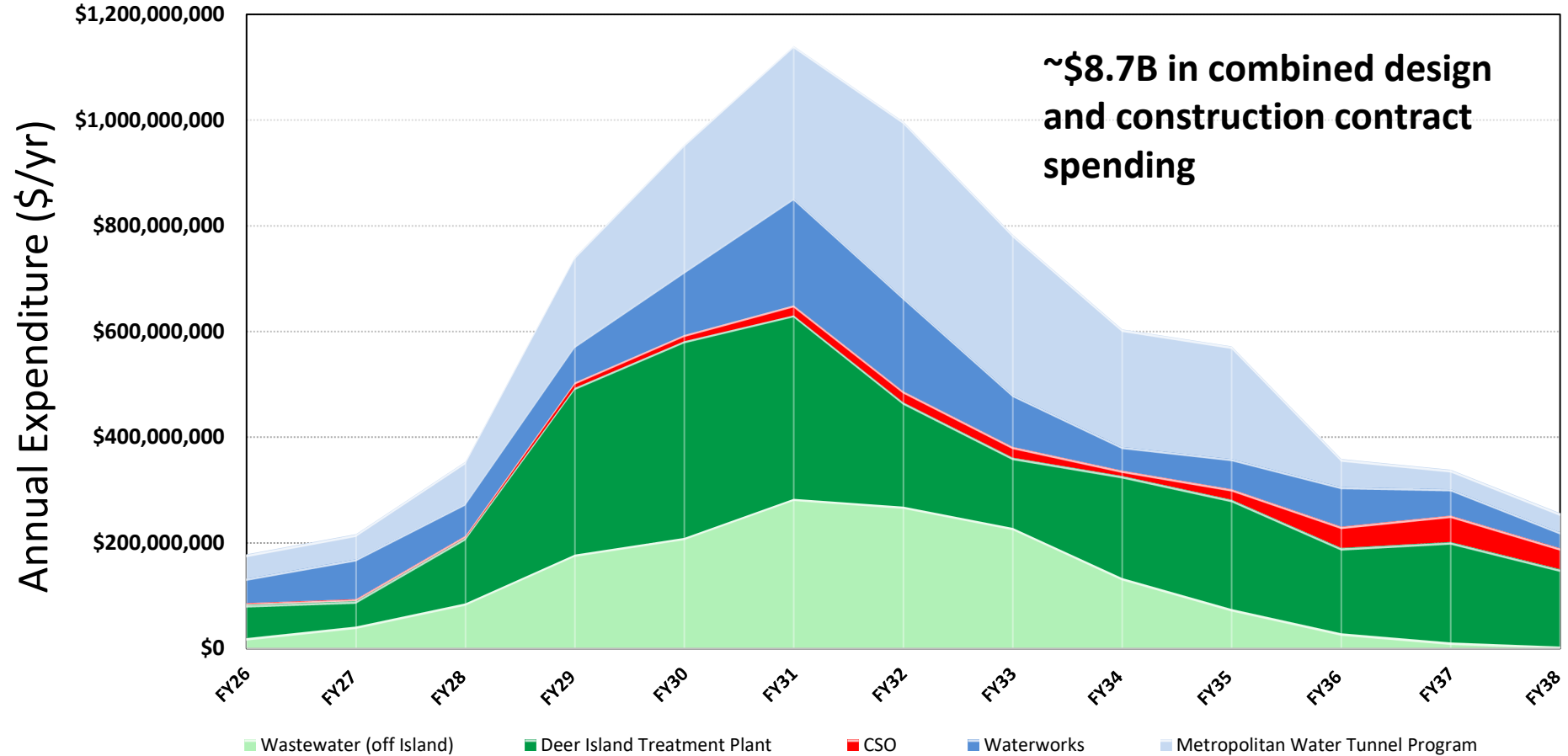
September 24, 2026



Capital Program

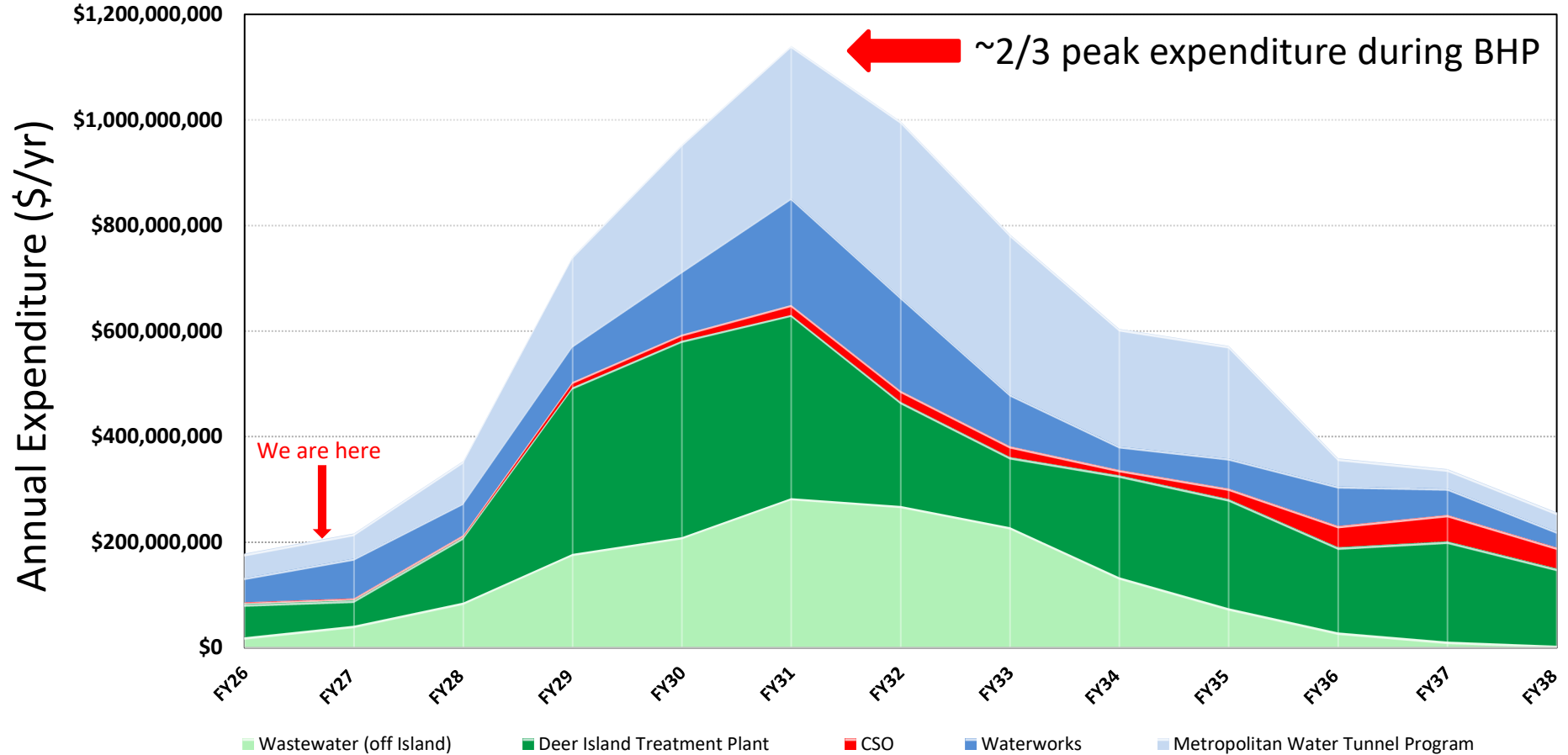


Capital Program Spending Forecast (Final FY27 CIP)





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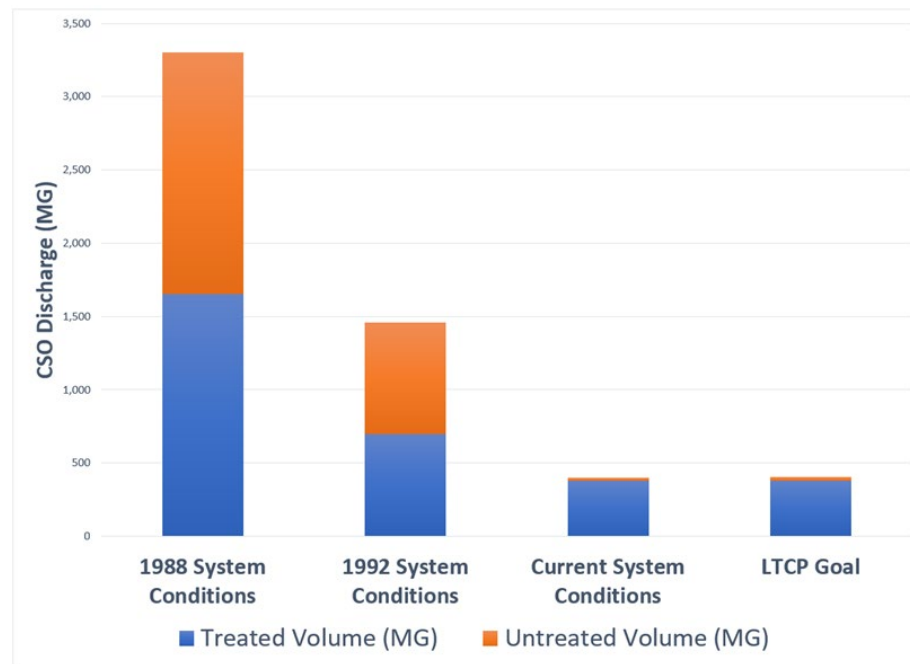


CSO Control Program



Decades of major investment in sewer and stormwater infrastructure and maintenance resulted in:

- CSO volume reduction of 2.9 billion gallons / year
 - 88% reduction in overall CSO volume
 - 94% of remaining CSO volume is treated
- Closure of 41 / 86 CSO outfalls (5 effectively closed along South Boston beaches)
- Boston's beaches are now considered the cleanest urban beaches in the country
- CSOs now only contribute to bacterial water quality standard being exceeded ***a very small percentage*** of an average year (8hrs and 35hrs, in the Charles and Alewife/Mystic respectively).



System Wide CSO Reduction Since the 1980s

**Annual discharge volume based on the prior Typical Year*



The Draft Plan at a Glance

- Accounts for increased precipitation due to climate change – First in the Nation approach!
- Eliminates CSOs in 2050 Typical Year
- Substantially reduces CSOs in larger storms
- Incorporates green stormwater infrastructure
- Recognizes impacts of potential projects, including affordability
- Preliminary Cost Estimate - \$1.29B

Draft Updated Combined Sewer Overflow Control Plan for Alewife Brook, Upper Mystic River, and Charles River



Charles River



Alewife Brook



Upper Mystic River

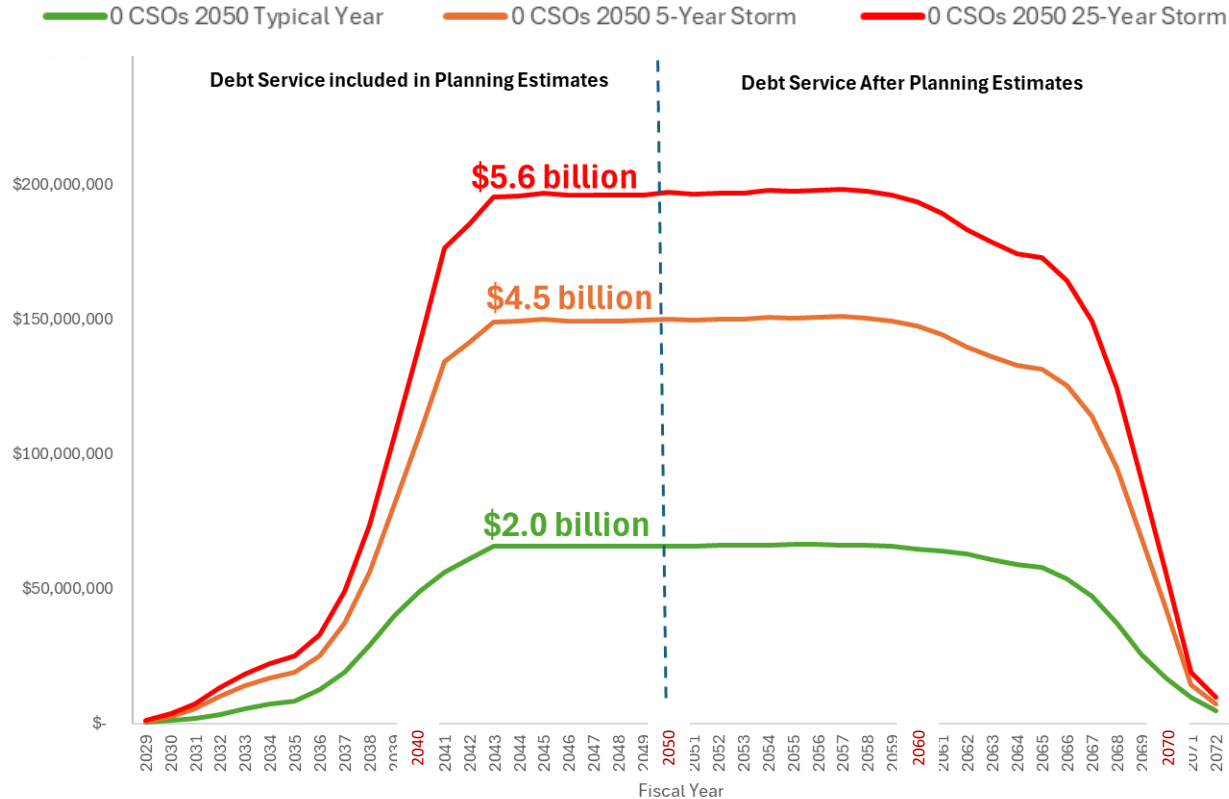
Submitted by City of Cambridge, City of Somerville, and Massachusetts Water Resources Authority in accordance with the requirements of the 2024 Final Determinations to Adopt a Water Quality Standards Variance for Combined Sewer Overflow (CSO) Discharges to the Alewife Brook/Upper Mystic River Basin and to the Lower Charles River/Charles Basin

April 30, 2026





MWRA Projected Debt Service by CSO Alternative





How to Comment

- Comments due by **October 30th**
- Submit via Portal, Email or Mail
- Visit <https://voice.somervillema.gov/joint-cso-planning>
- Upcoming Public Hearings
 - 9/24 (Today!) 1pm-3pm, Virtual
 - 10/28 6pm-8pm, Somerville City Hall or Virtual



Water System Expansion: Donor Basin Analysis



MWRA Donor Basin Analysis

- Comprehensive system-wide evaluation
- Up to 20 million gallons per day
- Demonstrates minimal impact to reservoir elevations and storage volumes, aquatic base flow, and flood flows in the donor basin
- WRC hosting hearing 9/30, accepting comments through 10/7



Executive Director Search



Lead Service Line Replacement



Lead Service Line Replacement Program

- LSL Replacement Program
 - Have provided \$81 million to 22 communities since 2016
 - In 2024, added \$100 million and a 25% grant component
- LSL Replacement is critical to avoid needing to add orthophosphate
- Continuing significant outreach to every water community





Tunnel Program



Metropolitan Water Tunnel Program

Description: ~15 miles of deep, hard rock, water tunnels, 13 shaft sites. Tunnels will begin in Weston (I-90/I-95). North Tunnel ~5 miles, ends in Waltham. South Tunnel ~10 miles, ends in Mattapan near American Legion Hwy.

Design Status: South Tunnel 60%+

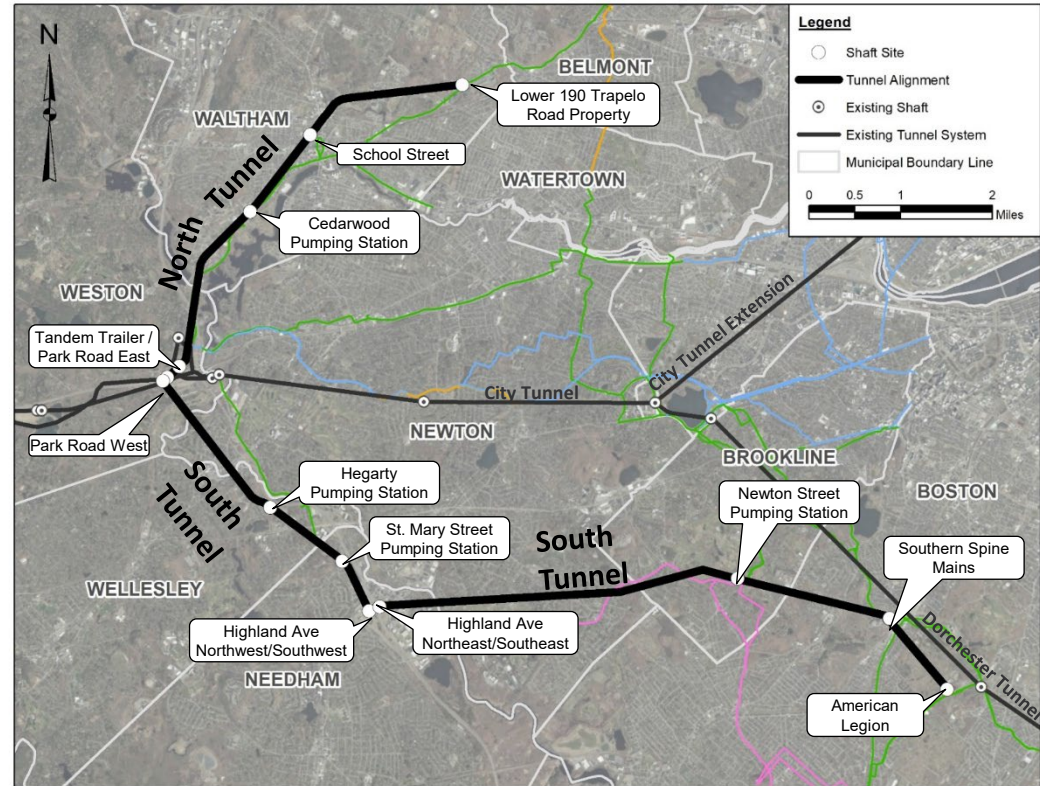
North Tunnel 30%+

Program Budget: ~\$2.1B (FY27 CIP)

Construction Contract Type: Chapter 30, D-B-B

Construction Schedule:

- Enabling Contracts 2026 - 2028
- Tunnel Construction anticipated between 2028 and 2040



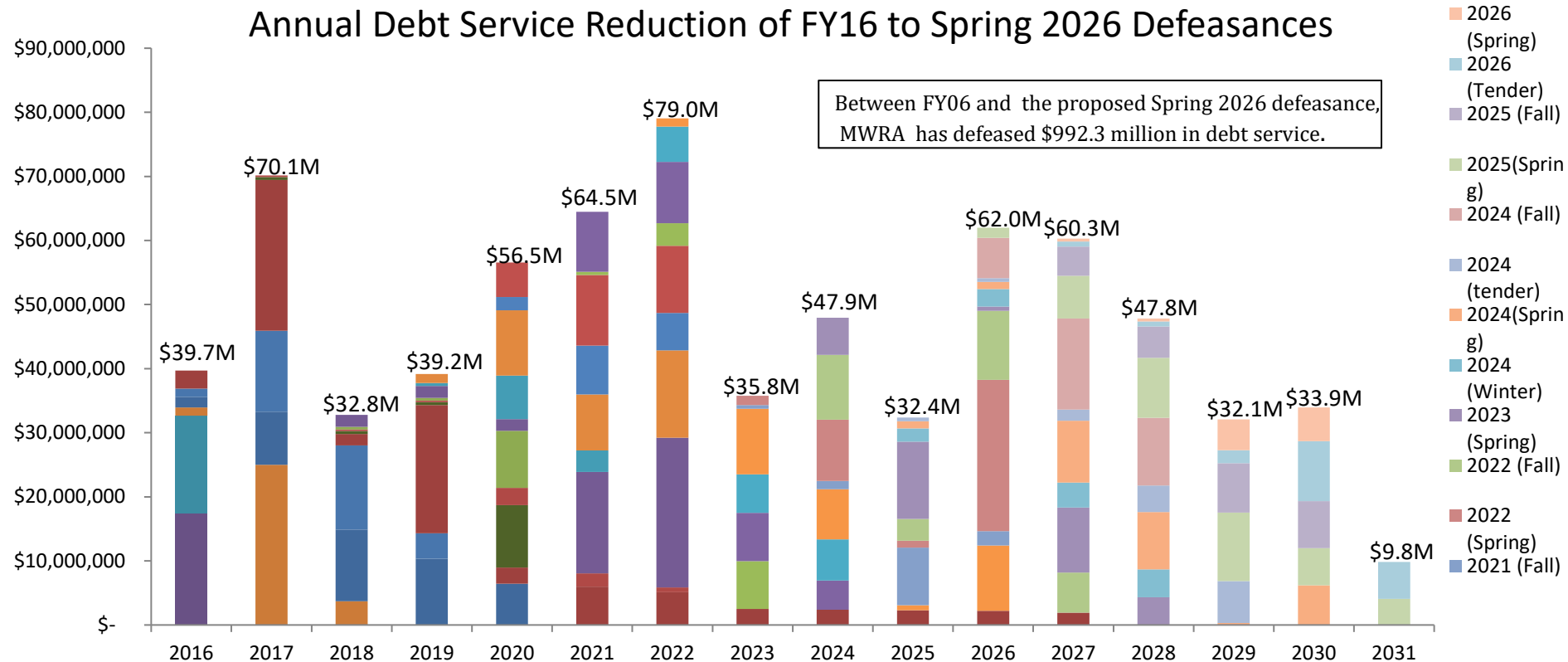


Debt Management



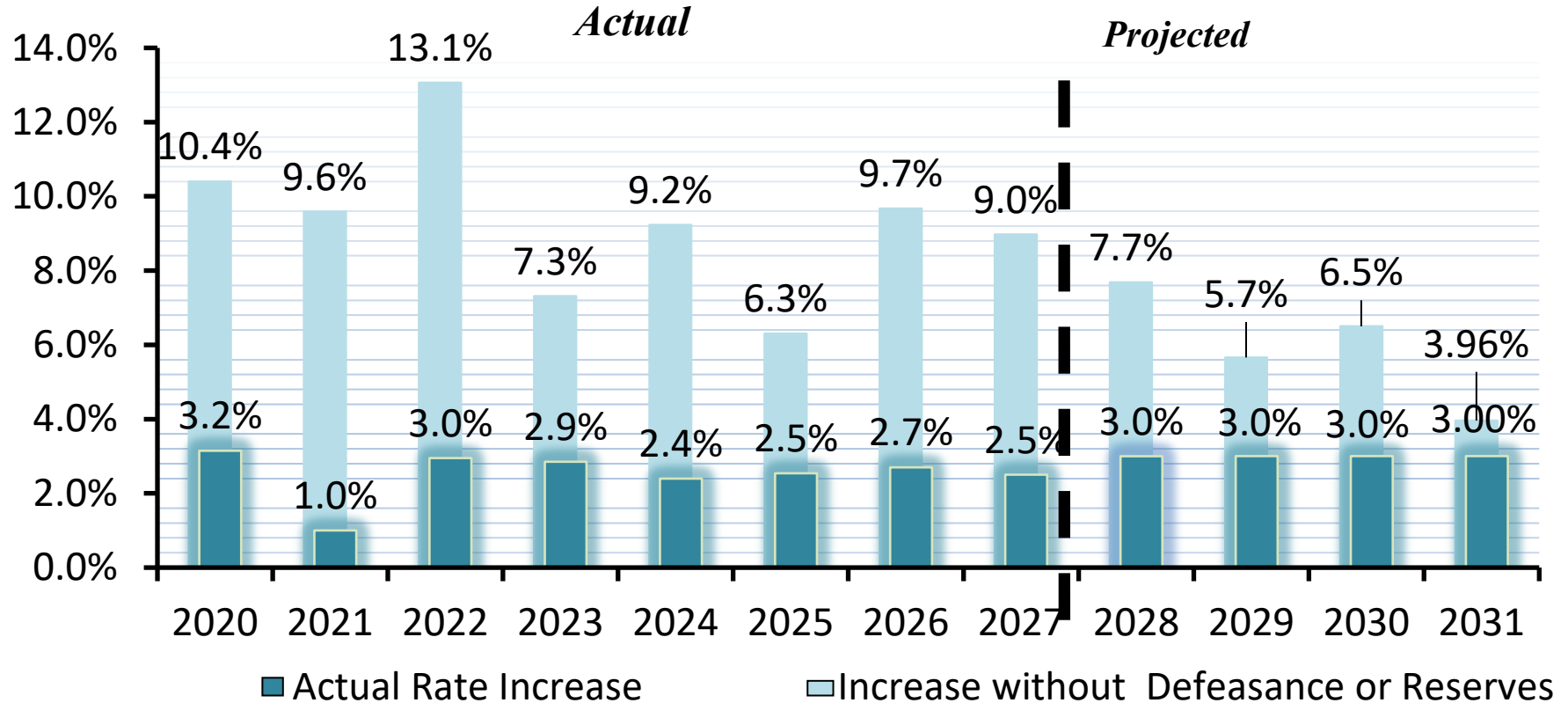
Management of Outstanding Debt

Annual Debt Service Reduction of FY16 to Spring 2026 Defeasances





Rates Management





Deer Island Solar Canopy



Deer Island Solar Canopy Proposed Project Summary

MWRA- DEER ISLAND TREATMENT PLANT - SITE PLAN



- 1,517.5W DC (990kW AC)
- 1,738,425 kWh/yr
- All electricity consumed on-site
- Project Completion 571 days from NTP ~ mid 2028





Won Best Tasting Water in New England at NEWWA - Again!





Questions?