



# Massachusetts Water Resources Authority

*Presentation to the*



## ***What's New for FY2019***

Frederick A. Laskey  
Executive Director

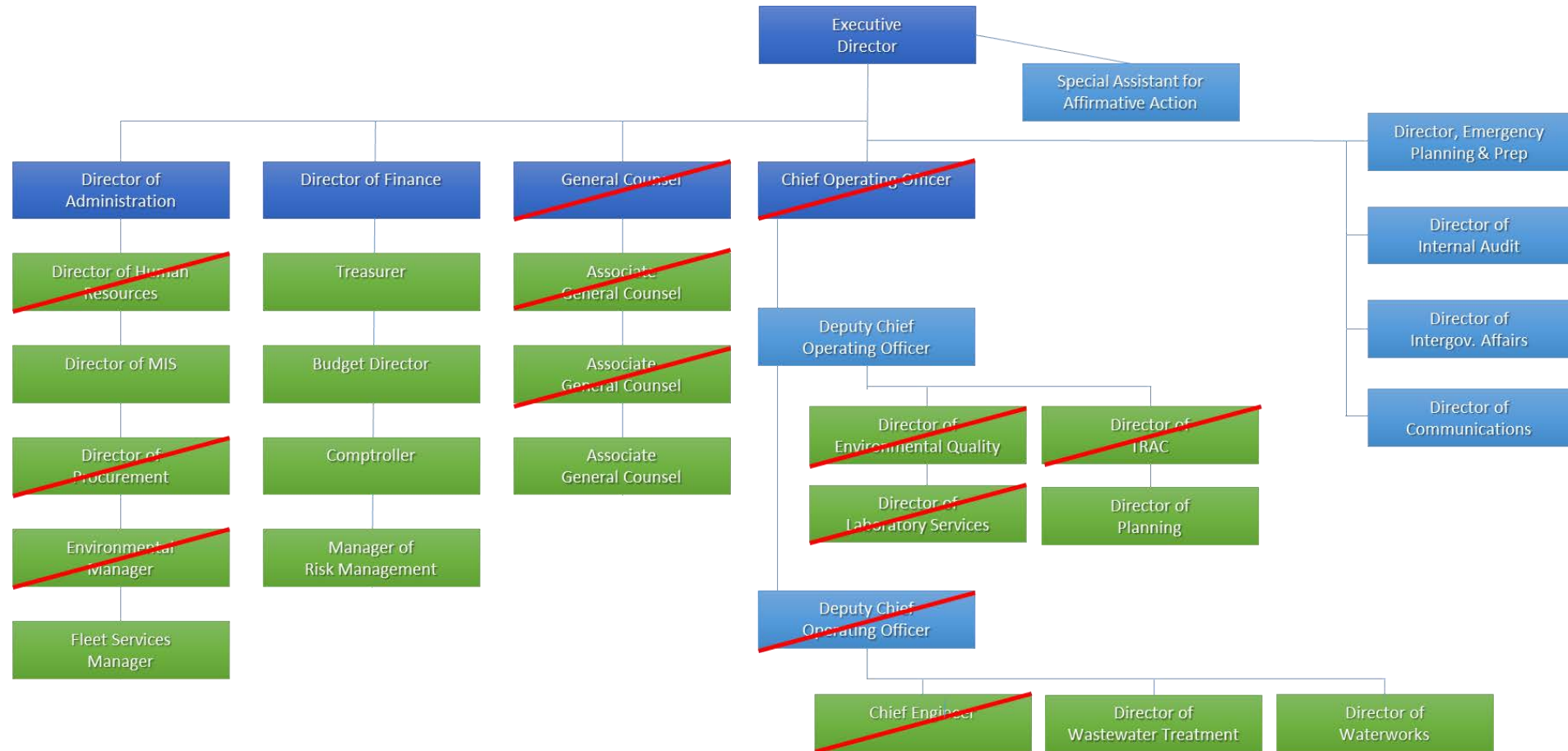
September 20, 2018



# **Workforce Management**



# Recent Staff Departures





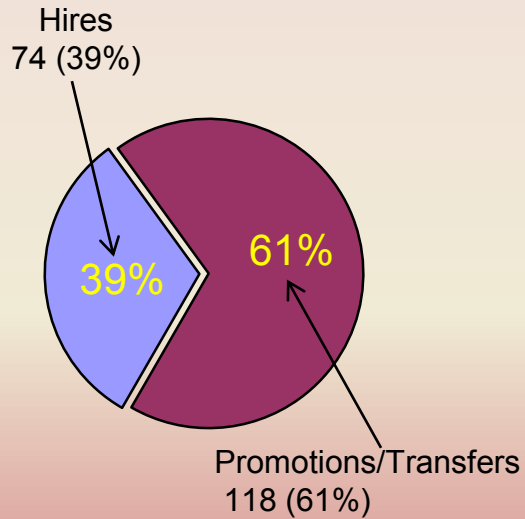
# The Replacements

- **Dave Coppes**, Chief Operating Officer
- **Carolyn Fiore**, Deputy Chief Operating Officer
- **Kathy Murtagh**, Director, Tunnel Redundancy
- **Beth Card**, Director of Environmental and Regulatory Affairs
- **Fred Brandon**, Manager, Design and Construction, Tunnel Redundancy
- **John Colbert**, Acting Chief Engineer
- **Brian Kubaska**, Assistant Director of Engineering
- **Carolyn Francisco Murphy**, General Counsel
- **Michael Altieri**, Associate General Counsel
- **Meghan McNamara**, Associate General Counsel
- **Andrea Murphy**, Director of Human Resources
- **Doug Rice**, Director of Procurement
- **Mark Johnson**, Director of Waterworks
- **Steve Cullen**, Director of Wastewater
- **Rebecca Weidman**, Director of TRAC
- **Steve Rhode**, Director of Laboratory Services
- **Michael McDonald**, Manager, Energy
- **Matt Dam**, Manager Occupational Health and Safety
- **Imad Sandakly**, Manager Training and Development

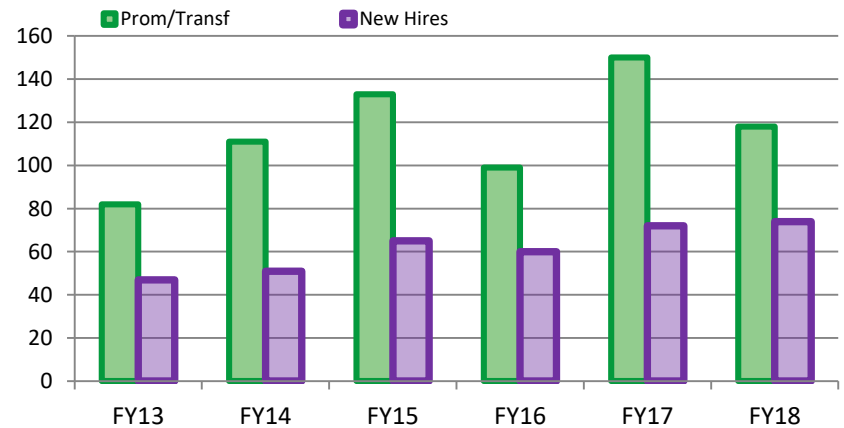


# Most Vacancies Filled By Internal Promotions

Positions Filled by Hires/Promotions  
FY18-YTD



	Prom./Transf.	Hires	Total
FY13	82 (64%)	47(36%)	129
FY14	111 (69%)	51 (31%)	162
FY15	133 (67%)	65 (33%)	198
FY16	99 (62%)	60 (38%)	159
FY17	150 (70%)	72(32%)	222
<b>FY18</b>	<b>118 (61%)</b>	<b>74 (39%)</b>	<b>192</b>





# New OSHA Department

- New position created to comply with new law, effective February 2019
- Requires public entities to provide workplace health and safety standards that are at least as stringent as OSHA
- Will oversee and manage MWRA's comprehensive safety program under one umbrella
- Duties include site safety assessments, data analysis, safety program enhancements, incident response and compliance tracking and reporting



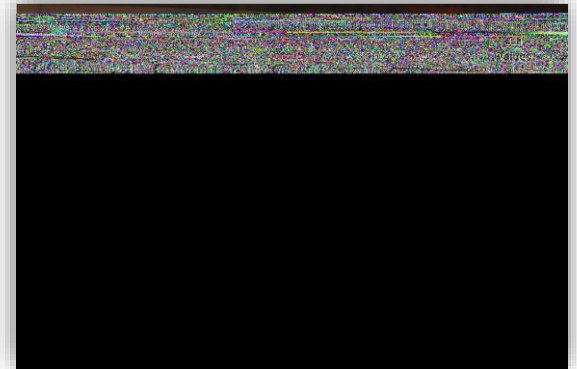


# **Water Quality**



# Water Quality Monitoring

- Continuous monitoring at key distribution sites (Contaminant Monitoring System)
- Routine monitoring in community systems under the Total Coliform Rule



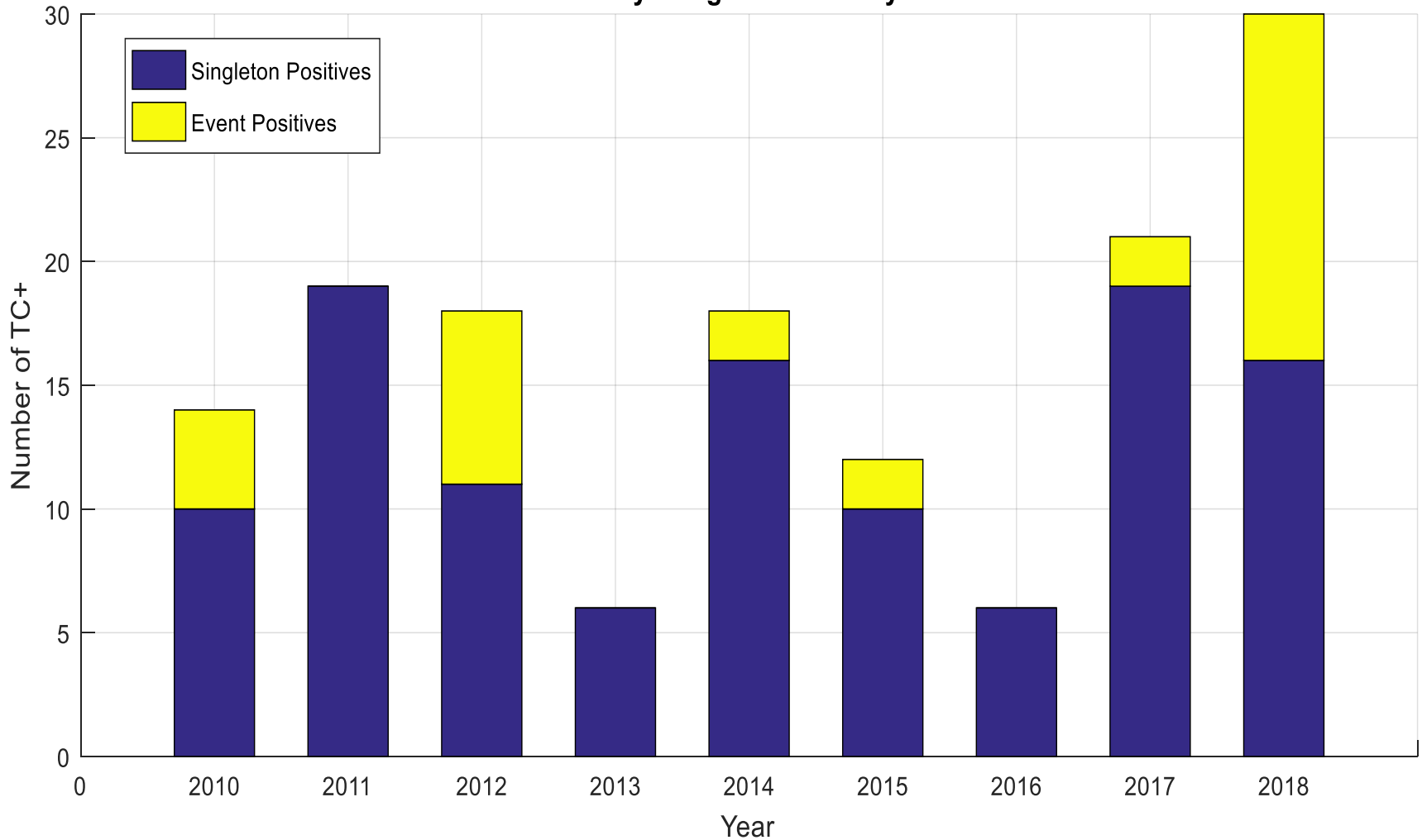






# Annual Total Coliform Positives: January through August

Annual Counts of January - August TC+: Fully Served Communities



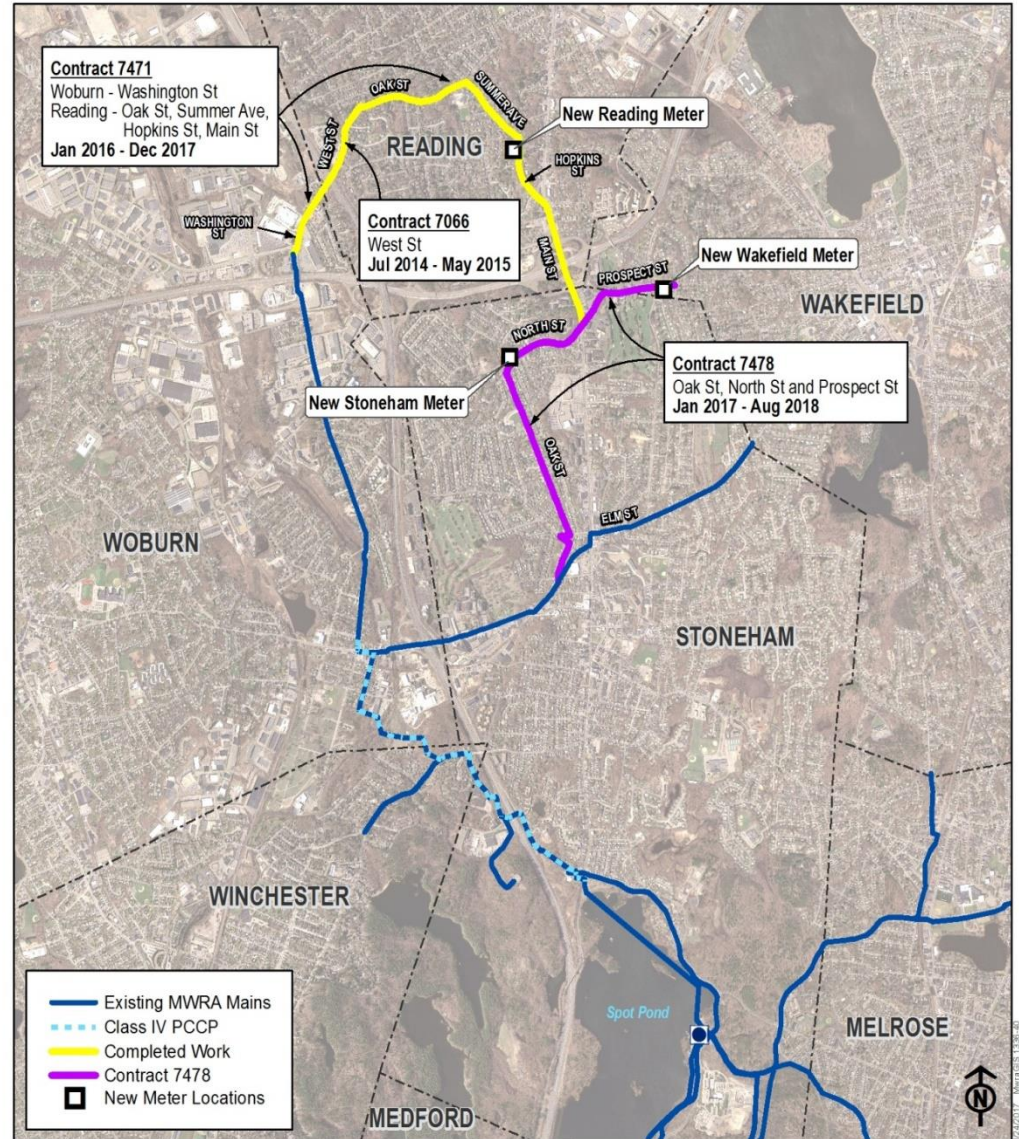


# **Construction Update**



# Northern Intermediate High Project

- Existing NIH Piping – Blue
- NIH Phase 1 work completed May 2018 – Yellow
- NIH Phase 2 work completed September 2018 - Pink





# Northern Intermediate High Project

- Two of three contracts complete
- Last contact 34.5% complete





# Alewife Brook Pump Station Rehab

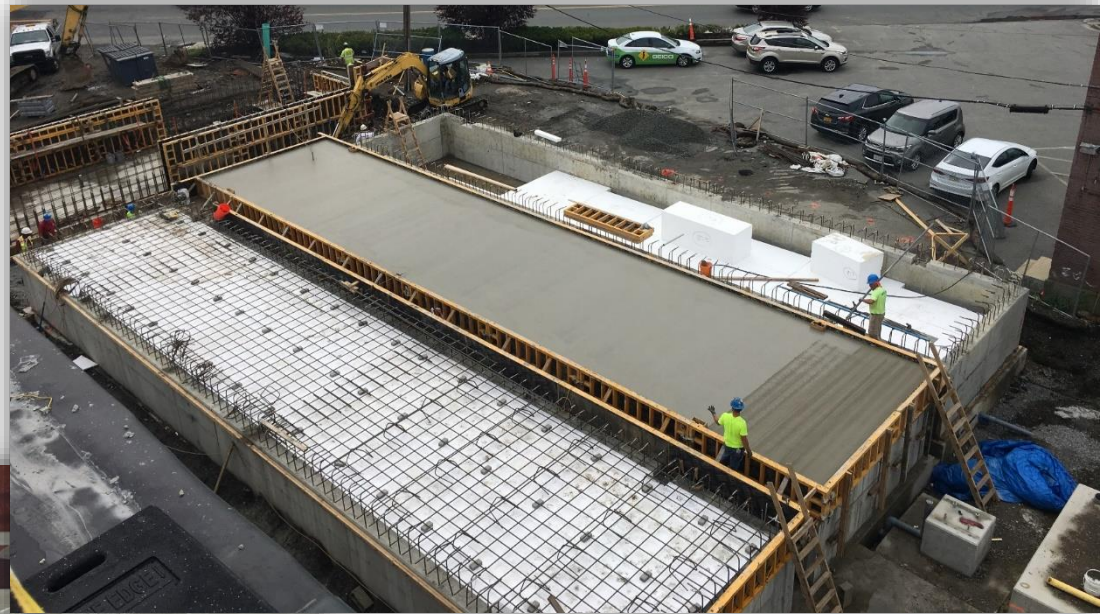
- 79.4% complete





# Chelsea Creek Headworks Rehab

- 44.5% complete





# Southern Extra High Redundancy Project

- Contract 1 complete
- Contract 2 36% complete
- Contract 3 getting under way









# **Other Issues**



# Wastewater Metering Upgrade

- Temporary metering of unmetered areas underway, complete winter 2019
- Have begun review of current permanent metering locations
- Recommendation on new meter system technology 2019
- Installation – 12 months





# Pellet Phosphorus Study

- Planning to work with UMass and begin outreach





# Deer Island Cross Harbor Cable

- Most permits received
- Procurements underway
- On schedule to meet December 2019 deadline
- Financing – pay-as-you-go





# Wachusett Reservoir Railroad

- Discussions on-going with MassDOT and MBTA





# Climate Change

- Responsible investments





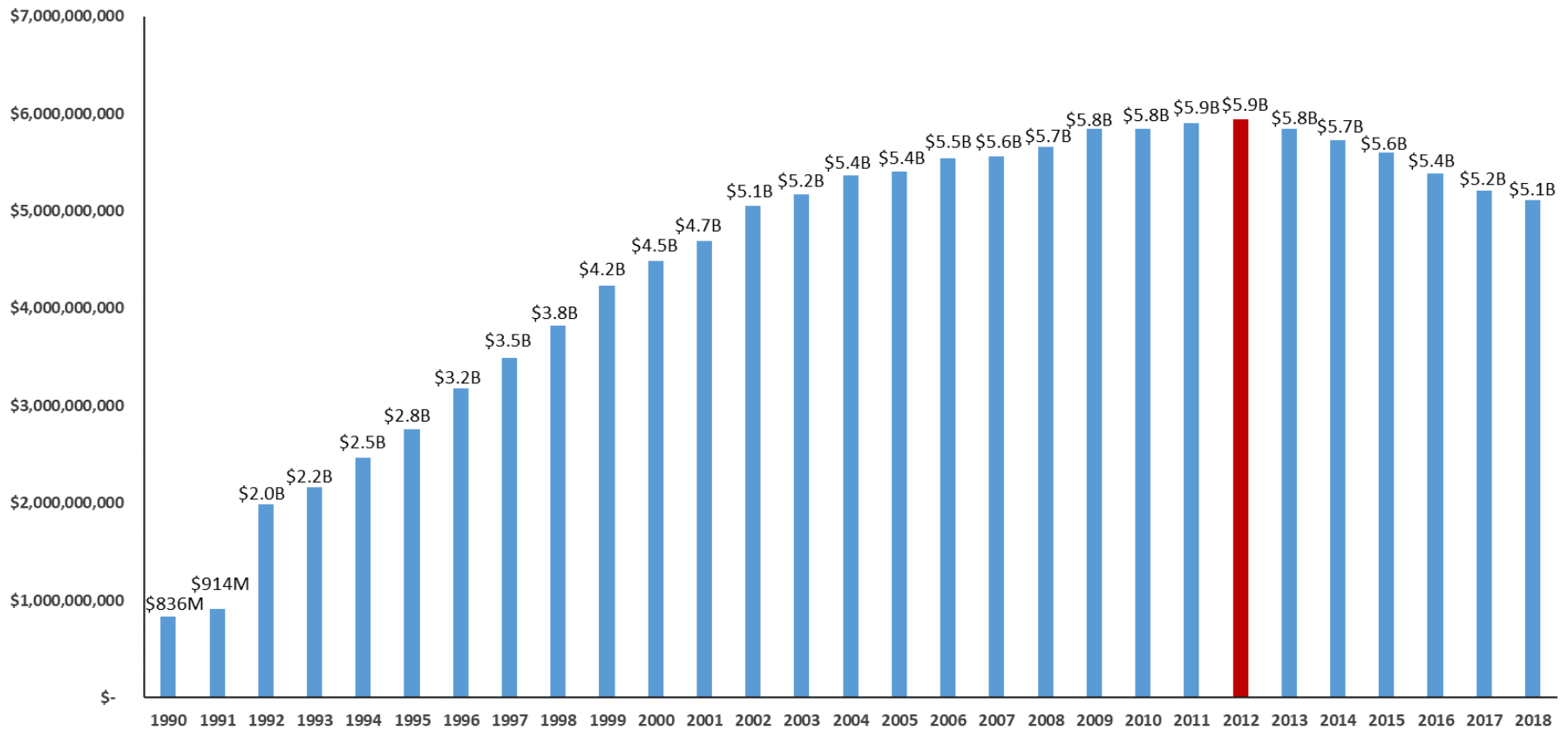
# Finance





# Total Bonded Indebtedness Trending Downward

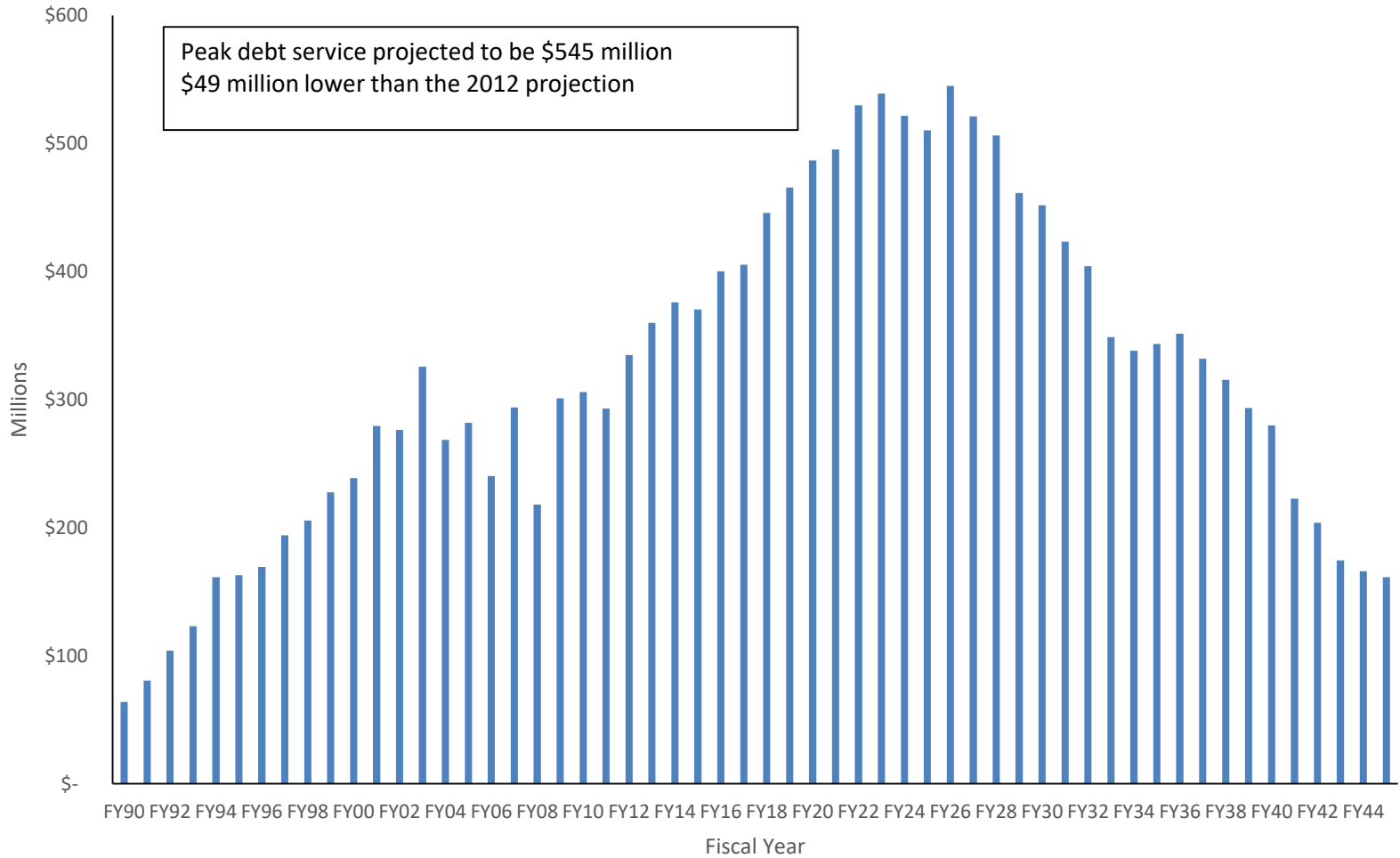
Outstanding Debt on June 30 by Fiscal Year





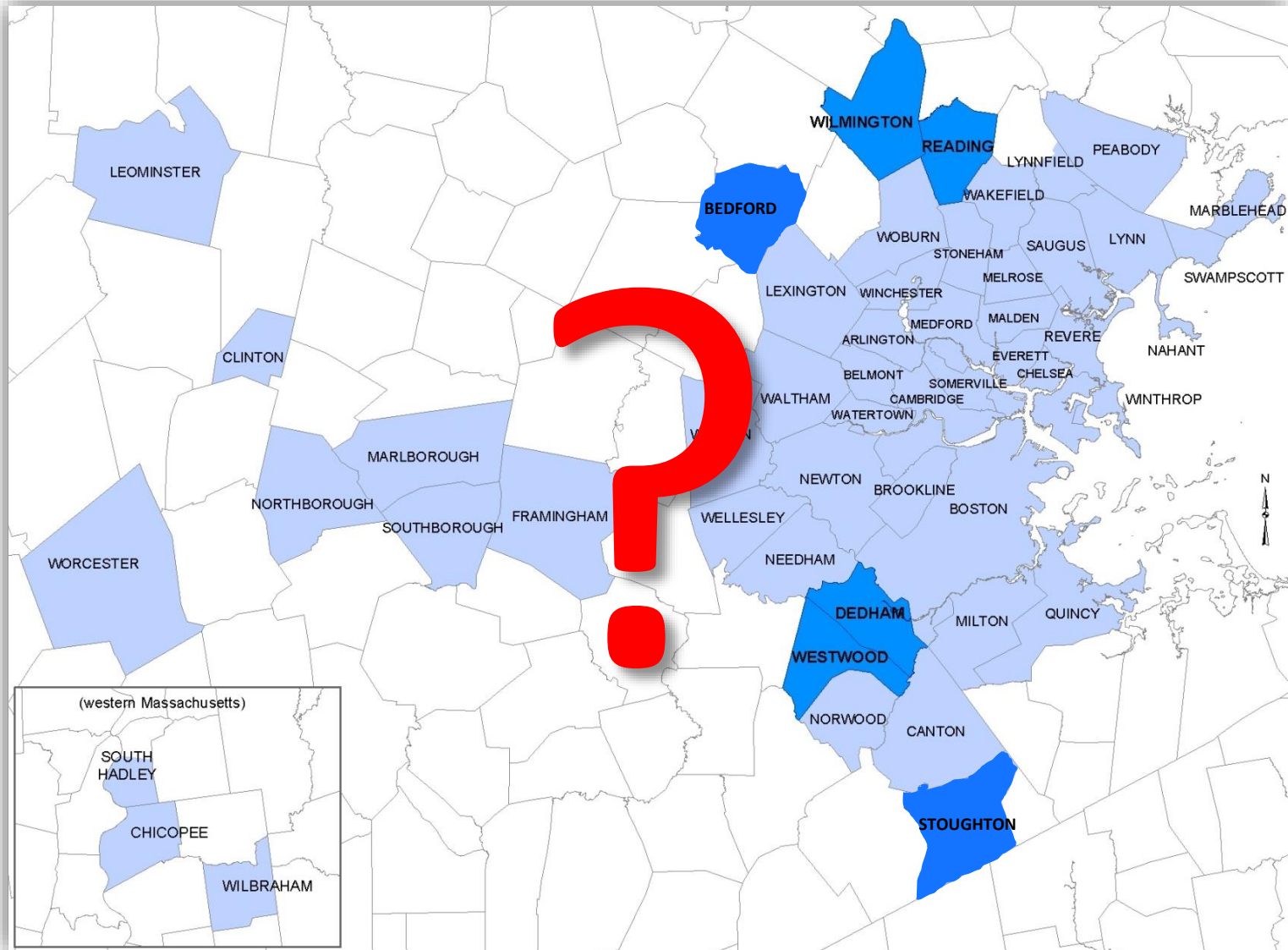
# Debt Service

Actual and Projected Debt Service  
as of 2018





# Water System Expansion





August 28, 2018

