

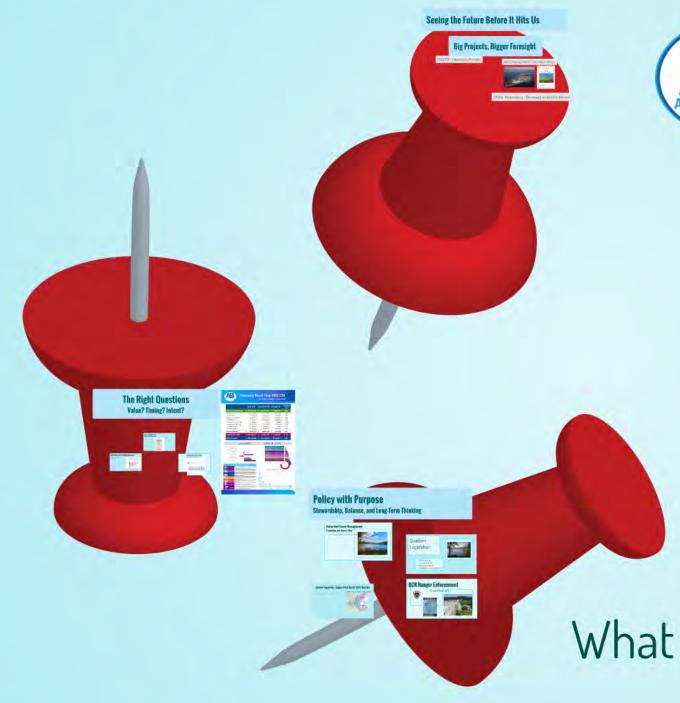


# Comments & Recommendations on MWRA's Proposed FY26 CEB & CIP

MWRA Board of Directors May 21, 2025









MWRA Board of Directors May 21, 2025

What are we funding - and why?



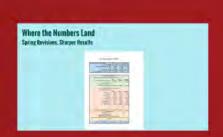




# Comments & Recommendations on MWRA's Proposed FY26 CEB & CIP

MWRA Board of Directors May 21, 2025

# The Right Questions Value? Timing? Intent?



#### Right-Sizing for the Right Reasons

Purpose, Not Fadding



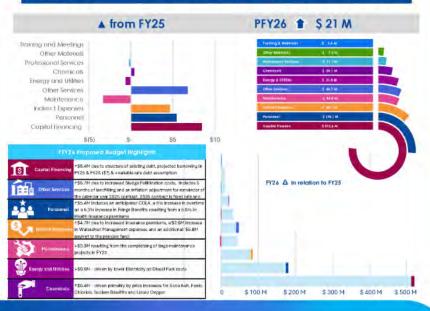




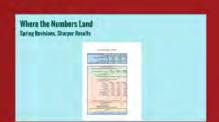
#### Proposed Fiscal Year 2026 CEB

Authority Level - Expenses

	F	inal FY25	Proposed FY26		Change (\$)		Change (%)	
Total Direct Expenses	\$ 3	321,013,762	\$	329,497,499	\$	8,483,737	2.6%	
Personnel		169,699,593		175,111,429		5,411,836	3.2%	
Chemicals		19,706,033		20,102,976		396,943	2.0%	
Energy and Utilities		32,048,176		31,416,124		(632,052)	-2.0%	
Maintenance		46,653,201		43,354,835		(3,298,366)	-7.1%	
Training and Meetings		568,346		627,241		58,895	10.4%	
Professional Services		11,121,730		10,926,404		(195,326)	-1.8%	
Other Materials		7,270,879		7,278,366		7,487	0.1%	
Other Services		33,945,804		40,680,124		6,734,320	19.8%	
Indirect Expenses	\$	75,439,576	\$	80,079,425	\$	4,639,849	6.2%	
Capital Financing	\$ !	504,168,667	\$	512,609,754	\$	8,441,087	1.7%	
Total Expenses	\$ 9	700,622,005	\$	922,186,678	\$	21,564,673	2.4%	



# The Right Questions Value? Timing? Intent?



#### Right-Sizing for the Right Reasons

Purpose, Not Fadding



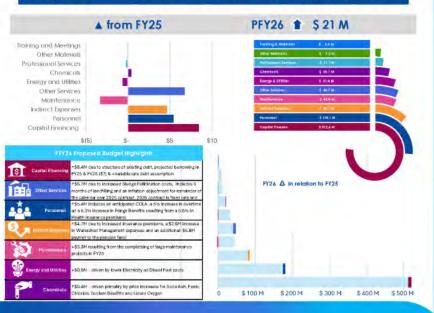




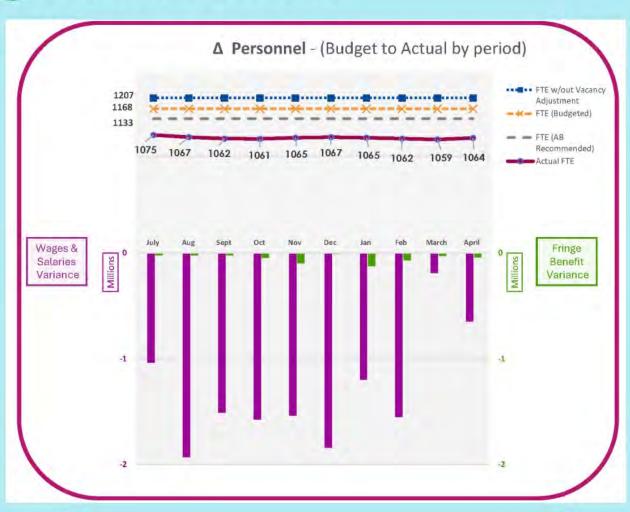
#### Proposed Fiscal Year 2026 CEB

Authority Level - Expenses

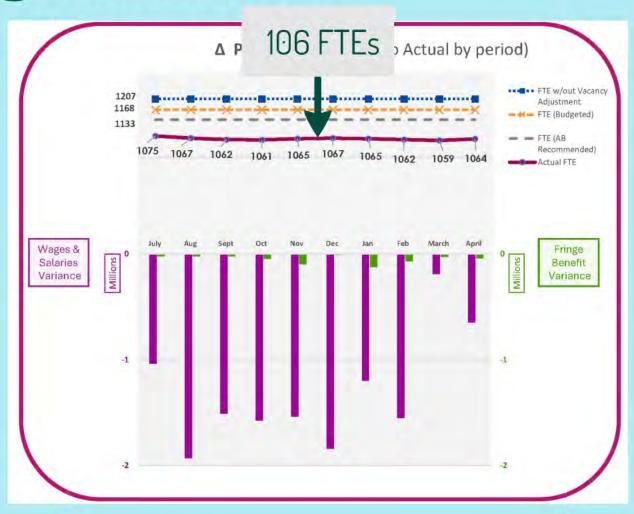
	Final FY25	Proposed FY26 Change (\$)	Change (%)
Total Director	0.000.010.710		2.6%
Personn-			3.2%
Chemic			2.0%
Energy c	FO	•11•	-2.0%
Mainten	L & .	million	-7.1%
Training			10.4%
Professic	0.0	11111011	-1.8%
Ofher M			0.1%
Other S∈			19.8%
Indirect Expenses	\$ 75,439,576	\$ \$ 80,079,425 \$ 4,639,849	6.2%
Capital Financing	\$ 504,168,667	\$ 512,609,754 \$ 8,441,087	1.7%
Total Expenses	\$ 900,622,005	\$ 922,186,678 \$ 21,564,673	2.4%



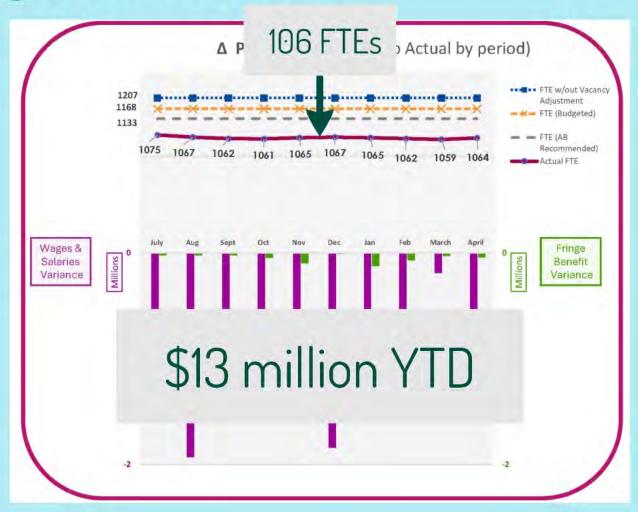
Purpose, Not Padding



Purpose, Not Padding

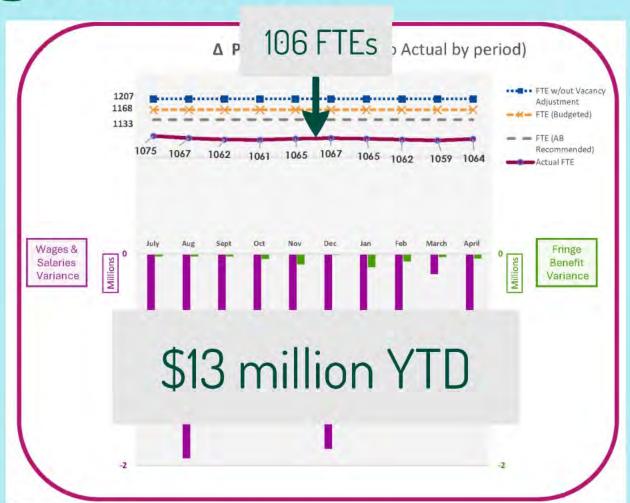


Purpose, Not Padding



Purpose, Not Padding

Capital Financing Surplus Defease Debt

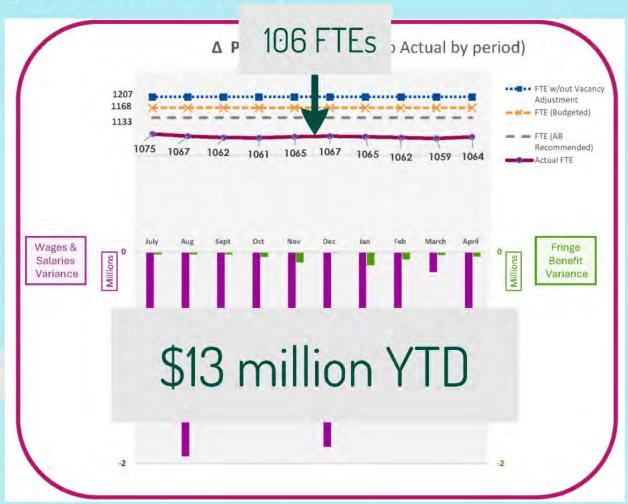


Purpose, Not Padding

Capital Financing Surplus — Defease Debt

Pension → Pension

Fringe Benefits Surplus ---- OPEB



### **Where the Numbers Land**

### **Spring Revisions, Sharper Results**

#### The Dunphy Sheet - FY2026

PACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	5 544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$ 557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.009
AB Recommendations	\$ (2,731,651)	5 275,422	5 (2,456,229
FY2026 RRR, less changes	\$320,866,291	\$ 557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

IMPACTS ON EXP	EN	DITURES				
MWRA ADVISORY BOARD RECOMMENDA	TIC	NS FOR FYZE	CE	В		
		Water		Sewer	-10	Combined
Staffing (vacancy rate assumptions)	5	(1,610,000)	5	(3,220,000)		(4,830,000
Fringe benefits						(966,000
Rate stabilization funds					S	-
Advisory Board budget reduction	5		\$		5	
Subtotal AB Recommendations	\$	(1,932,000)	\$	(3,864,000)	\$	(5,796,000
ANTICIPATED ADJUSTMENTS	то	PROPOSED F	Y 26	CEB		
Direct & Indirect Cost Cha	nge	15				
		Water		Sewer	n	Combined
Wages & Salanes	5	84,192	5	1,013,935	\$	1,098,127
Overtime	5	(6,924)	\$	15,010	\$	8,086
Fringe Benefits	5	441,947	\$	730,549	5	1,172,496
Workers Comp	5	(11,908)	5	11,908	5	-
Chemicals	5	(679,776)	5	(115,972)	\$	(795,748
Energy & Utilities	5	583,418	5	1,579,523	\$	2,162,941
Maintenance	5	(1,217,384)	5	1,485,216	5	267,832
Training and Meetings	\$	23,307	\$	39,193	5	62,500
Professoinal Services	\$	96,639	5	279,660	\$	376,299
Other Materials	5					
Other Services	5	167,599	5	(1,763,812)	\$	(1,596,213)
	5		\$	-	5	-
	5		5		5	-
	5	2	5	3.1	5	
Subtotal of Changes to Operating Costs			\$	3,548,076	\$	3,138,661
Revenue & I		ome				
Water Spring Revisits		-	\$	-	ş	-
Sewer Spring Revisits	5		5	+	\$	
Subtotal of Rate & Revenue	\$		\$	+	\$	-
OPERATING RESERVE REQUI						
Updated based on applicable adjustments; applies		ly to direct ar	nd i	ndirect costs	(re	venue not
Include	-,	OTTO VICE				
Operating Reserve Requirement	5	(390,236)	5	591,346	\$	201,110
NET CHANGES TO PROPOSED FY26 CEB	5	(2,731,651)	\$	275,422	\$	(2,456,229

#### The Dunphy Sheet - FY2026

IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.00%
AB Recommendations	5 (2,731,651)	\$ 275,422	\$ (2,456,229)
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

IMPACTS ON EXP	EN	DITURES				
MWRA ADVISORY BOARD RECOMMENDA	TIC	NS FOR FY26	CE	В		
		Water		Sewer		Combined
Staffing (vacancy rate assumptions)	\$	(1,610,000)	\$	(3,220,000)	5	(4,830,000
Fringe benefits						(966,000
Rate stabilization funds					\$	E
Advisory Board budget reduction	\$		\$	-	5	- 2
Subtotal AB Recommendations	\$	(1,932,000)	\$	(3,864,000)	\$	(5,796,000
ANTICIPATED ADJUSTMENTS	то	PROPOSED F	Y26	CEB		
Direct & Indirect Cost Cha	nge	15				
		Water		Sewer		Combined
Wages & Salaries	5	84,192	\$	1,013,935	5	1,098,127
Overtime	\$	(6,924)	\$	15,010	5	8,086
Fringe Benefits	\$	441,947	\$	730,549	\$	1,172,496
Workers Comp	\$	(11,908)	\$	11,908	\$	-
Chemicals	\$	(679,776)	\$	(115,972)	5	(795,748
Energy & Utilities	\$	583,418	\$	1,579,523	5	2,162,941
Maintenance	\$	(1,217,384)	\$	1,485,216	5	267,832
Training and Meetings	\$	23,307	\$	39,193	\$	62,500
Professoinal Services	\$	96,639	\$	279,660	\$	376,299
Other Materials	\$	109,475	\$	272,866	5	382,343
Other Services	\$	167,599	\$	(1,763,812)	\$	(1,596,213
	5		\$	-	5	- 3
	\$	+	\$		\$	91
	\$	*	\$	-	\$	3
Subtotal of Changes to Operating Costs		No. of Contract of	\$	3,548,076	\$	3,138,661
Revenue & I	nco	ome				
Water Spring Revisits	- 50	*	\$	-	\$	9
Sewer Spring Revisits		*	\$	-	\$	100
Subtotal of Rate & Revenue			\$		\$	1.7
OPERATING RESERVE REQUI						
Updated based on applicable adjustments; applies		ly to direct ar	nd i	ndirect costs	(re	venue not
Include		(200 225)		E01 246		701 114
Operating Reserve Requirement						201,110
NET CHANGES TO PROPOSED FY26 CEB	\$	(2,731,651)	\$	275,422	\$	(2,456,229

Subtotal AB Recommendations \$ (1,932,000) \$ (3,864,000) \$ (5,796,000)

#### ANTICIPATED ADJUSTMENTS TO PROPOSED FY26 CEB

#### **Direct & Indirect Cost Changes**

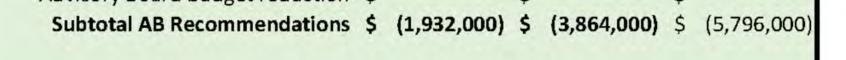
		Water		Sewer	9	Combined
Wages & Salaries	\$	84,192	\$	1,013,935	\$	1,098,127
Overtime	\$	(6,924)	\$	15,010	\$	8,086
Fringe Benefits	\$	441,947	\$	730,549	\$	1,172,496
Workers Comp	\$	(11,908)	\$	11,908	\$	-
Chemicals	\$	(679,776)	\$	(115,972)	\$	(795,748)
Energy & Utilities	\$	583,418	\$	1,579,523	\$	2,162,941
Maintenance	\$	(1,217,384)	\$	1,485,216	\$	267,832
Training and Meetings	\$	23,307	\$	39,193	\$	62,500
Professoinal Services	\$	96,639	\$	279,660	\$	376,299
Other Materials	\$	109,475	\$	272,866	\$	382,341
Other Services	\$	167,599	\$	(1,763,812)	\$	(1,596,213)
	\$	-	\$	-	\$	-
	\$	12	\$	12	\$	12
	\$	-	\$	+	\$	
<b>Subtotal of Changes to Operating Costs</b>	\$	(409,415)	\$	3,548,076	\$	3,138,661
Revenue & I	nco	ome				
Water Spring Revisits	\$	-	\$		\$	4
Sower Spring Rovisite	¢		¢	4	¢	

Subtotal AB Recommendations \$ (1,932,000) \$ (3,864,000) \$ (5,796,000)

#### ANTICIPATED ADJUSTMENTS TO PROPOSED FY26 CEB

#### **Direct & Indirect Cost Changes**

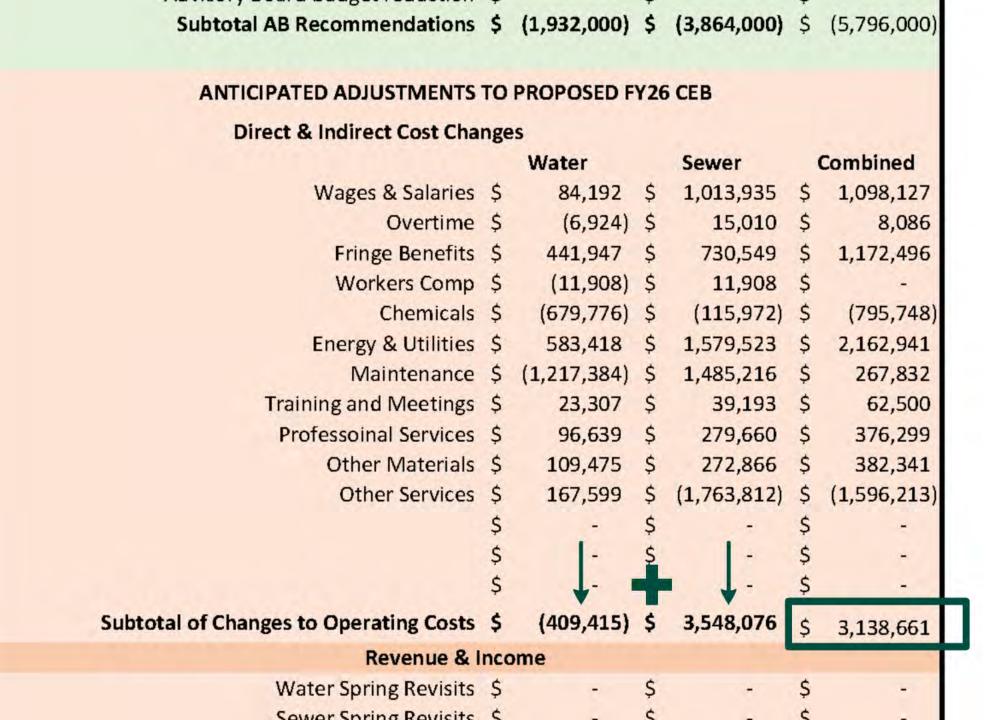
		Water		Sewer	1	Combined
Wages & Salaries	\$	84,192	\$	1,013,935	\$	1,098,127
Overtime	\$	(6,924)	\$	15,010	\$	8,086
Fringe Benefits	\$	441,947	\$	730,549	\$	1,172,496
Workers Comp	\$	(11,908)	\$	11,908	\$	-
Chemicals	\$	(679,776)	\$	(115,972)	\$	(795,748)
Energy & Utilities	\$	583,418	\$	1,579,523	\$	2,162,941
Maintenance	\$	(1,217,384)	\$	1,485,216	\$	267,832
Training and Meetings	\$	23,307	\$	39,193	\$	62,500
Professoinal Services	\$	96,639	\$	279,660	\$	376,299
Other Materials	\$	109,475	\$	272,866	\$	382,341
Other Services	\$	167,599	\$	(1,763,812)	\$	(1,596,213)
	\$	-	\$	-	\$	-
	\$	1-	\$	14	\$	-
	\$	<b>\</b> -	\$	-	\$	
<b>Subtotal of Changes to Operating Costs</b>	\$	(409,415)	\$	3,548,076	\$	3,138,661
Revenue & I	nco	ome				
Water Spring Revisits	\$	-	\$	1987	\$	-
Sower Spring Rovisite	¢		¢	-	¢	



#### ANTICIPATED ADJUSTMENTS TO PROPOSED FY26 CEB

#### **Direct & Indirect Cost Changes**

		Water	Sewer	j	Combined
Wages & Salaries	\$	84,192	\$ 1,013,935	\$	1,098,127
Overtime	\$	(6,924)	\$ 15,010	\$	8,086
Fringe Benefits	\$	441,947	\$ 730,549	\$	1,172,496
Workers Comp	\$	(11,908)	\$ 11,908	\$	-
Chemicals	\$	(679,776)	\$ (115,972)	\$	(795,748)
Energy & Utilities	\$	583,418	\$ 1,579,523	\$	2,162,941
Maintenance	\$	(1,217,384)	\$ 1,485,216	\$	267,832
Training and Meetings	\$	23,307	\$ 39,193	\$	62,500
Professoinal Services	\$	96,639	\$ 279,660	\$	376,299
Other Materials	\$	109,475	\$ 272,866	\$	382,341
Other Services	\$	167,599	\$ (1,763,812)	\$	(1,596,213)
	\$	-	\$ -	\$	-
	\$	-	\$ 1 1 2	\$	+
	\$	<b>↓</b> - ¹		\$	
<b>Subtotal of Changes to Operating Costs</b>	\$	(409,415)	\$ 3,548,076	\$	3,138,661
Revenue & I	nco	ome			
Water Spring Revisits	\$	-	\$ 1	\$	-
Sower Spring Revisits	¢		\$ 	¢	



IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.00%
AB Recommendations	\$ (2,731,651)	\$ 275,422	\$ (2,456,229)
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

#### IMPACTS ON EXPENDITURES

#### MWRA ADVISORY BOARD RECOMMENDATIONS FOR FY26 CEB

	Water	Sewer	Combined
Staffing (vacancy rate assumptions)	\$ (1,610,000)	\$ (3,220,000)	\$ (4,830,000)
Fringe benefits	\$ (322,000)	\$ (644,000)	\$ (966,000)
Rate stabilization funds	\$ -		\$ -
Advisory Board budget reduction	\$ -2	\$ ÷	\$ 
Subtotal AB Recommendations	\$ (1,932,000)	\$ (3,864,000)	\$ (5,796,000)

#### ANTICIPATED ADJUSTMENTS TO PROPOSED EV26 CER

IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.00%
AB Recommendations	\$ (2,731,651)	\$ 275,422	\$ (2,456,229)
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

#### **IMPACTS ON EXPENDITURES**

ANTICIPATED ADJUSTMENTS TO PROPOSED EV26 CER

#### MWRA ADVISORY BOARD RECOMMENDATIONS FOR FY26 CEB

	Water		Sewer	Combined		
Staffing (vacancy rate assumptions)	\$	(1,610,000)	\$ (3,220,000)	\$	(4,830,000)	
Fringe benefits	\$	(322,000)	\$ (644,000)	\$	(966,000)	
Rate stabilization funds	\$	-		\$	-	
Advisory Board budget reduction	\$	4	\$ -	\$	-	
Subtotal AB Recommendations	\$	(1,932,000)	\$ (3,864,000)	\$	(5,796,000)	

42 FTEs

IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.00%
AB Recommendations	\$ (2,731,651)	\$ 275,422	\$ (2,456,229)
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

#### **IMPACTS ON EXPENDITURES**

#### MWRA ADVISORY BOARD RECOMMENDATIONS FOR FY26 CEB

	Water		Sewer		Combined		
Staffing (vacancy rate assumptions)	\$	(1,610,000)	\$	(3,220,000)	\$	(4,830,000)	
Fringe benefits	\$	(322,000)	\$	(644,000)	\$	(966,000)	
Rate stabilization funds	\$	-			\$	-	
Advisory Board budget reduction	\$	4	\$	-	\$	-	
Subtotal AB Recommendations	\$	(1,932,000)	\$	(3,864,000)	\$	(5,796,000)	

42 FTEs

20%

ANTICIPATED ADJUSTMENTS TO PROPOSED EV26 CER

#### The Dunphy Sheet - 1 12020

IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined	
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000	
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000	
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%	
	0.00%	0.00%	0.00%	
AB Recommendations	\$ (2,731,651)	\$ 275,422	\$ (2,456,229)	
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771	
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%	

IMPACTS ON EXP	EN	DITURES				
MWRA ADVISORY BOARD RECOMMENDAT	TIO	NS FOR FY26	CE	В		
		Water		Sewer	Combined	
Staffing (vacancy rate assumptions)	\$	(1,610,000)	\$	(3,220,000)	\$ (4,830,000)	42 FTE
Fringe benefits	\$	(322,000)	\$	(644,000)	\$ (966,000)	42 1 1L
Rate stabilization funds	\$	-			\$ -	
Advisory Board budget reduction	\$	-	\$	4	\$ 5	The state of the s
Subtotal AB Recommendations	\$	(1,932,000)	\$	(3,864,000)	\$ (5,796,000)	20%

IMPACTS ON RATE REVENUE REQUIREMENT	Water	Sewer	Combined
Final FY2025 RRR	\$311,379,328	\$544,108,672	\$855,488,000
Proposed FY2026 RRR	\$323,597,942	\$557,408,058	\$881,006,000
MWRA Proposed FY26 RRR Increase	3.92%	2.44%	2.98%
	0.00%	0.00%	0.00%
AB Recommendations	\$ (2,731,651)	\$ 275,422	\$ (2,456,229)
FY2026 RRR, less changes	\$320,866,291	\$557,683,480	\$878,549,771
Advisory Board Recommended FY26 RRR Increase	3.05%	2.49%	2.70%

2.70%

#### **IMPACTS ON EXPENDITURES**

#### MWRA ADVISORY BOARD RECOMMENDATIONS FOR FY26 CEB

Water			Sewer	Combined		
\$	(1,610,000)	\$	(3,220,000)	\$	(4,830,000)	
\$	(322,000)	\$	(644,000)	\$	(966,000)	
\$	-			\$	-	
\$	4	\$		\$	5	
\$	(1,932,000)	\$	(3,864,000)	\$	(5,796,000)	
	\$ \$	\$ (1,610,000) \$ (322,000) \$ - \$ -	\$ (1,610,000) \$ \$ (322,000) \$ \$ - \$ - \$	\$ (1,610,000) \$ (3,220,000) \$ (322,000) \$ (644,000) \$ - \$ - \$ -	\$ (1,610,000) \$ (3,220,000) \$ \$ (322,000) \$ (644,000) \$ \$ - \$	

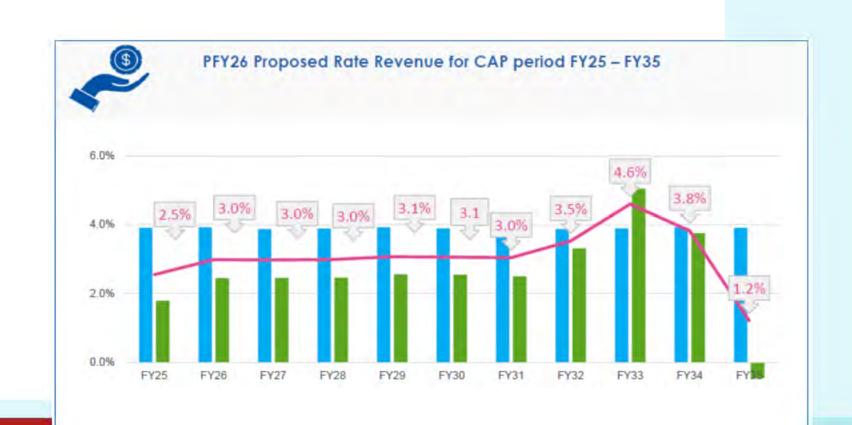
42 FTEs

20%

ANTICIPATED ADJUSTMENTS TO PROPOSED EV26 CER

### **Planning Rates with Purpose**

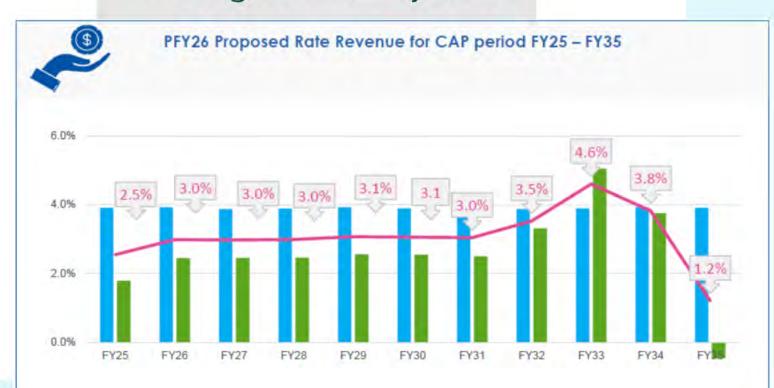
**Today's Pressures, Tomorrows Priorities** 



### **Planning Rates with Purpose**

**Today's Pressures, Tomorrows Priorities** 

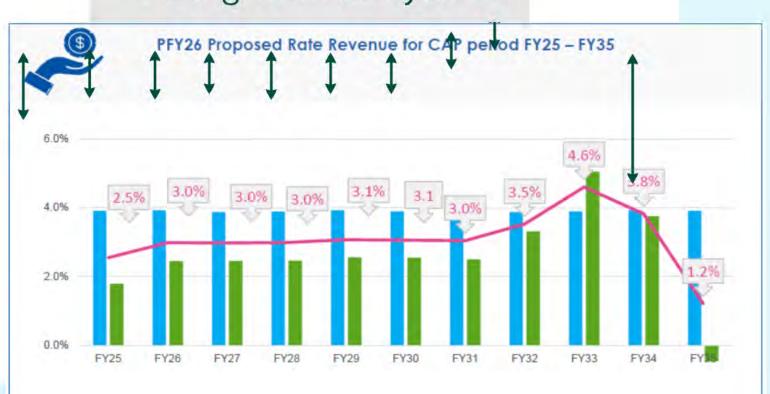
- Short-term (1-5 years)
- Mid-term (5-10 years)
- Long-term (10+ years)



### **Planning Rates with Purpose**

**Today's Pressures, Tomorrows Priorities** 

- Short-term (1-5 years)
- Mid-term (5-10 years)
- Long-term (10+ years)







# Comments & Recommendations on MWRA's Proposed FY26 CEB & CIP

MWRA Board of Directors May 21, 2025

### Seeing the Future Before It Hits Us

### **Big Projects, Bigger Foresight**

CSO LTCP - Rebalancing Priorities

What's Changed, What It Costs, What It Means

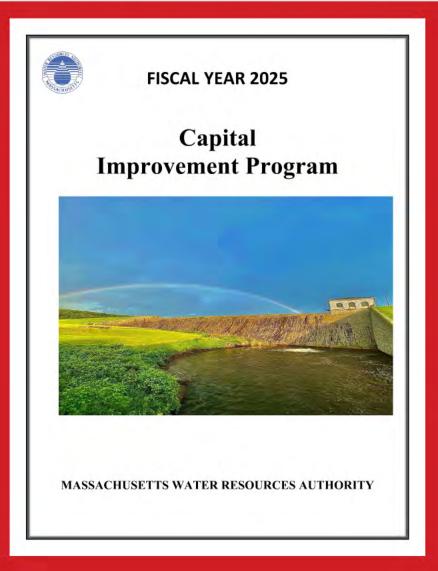




Metro Redundancy - Necessary and on the Horizon

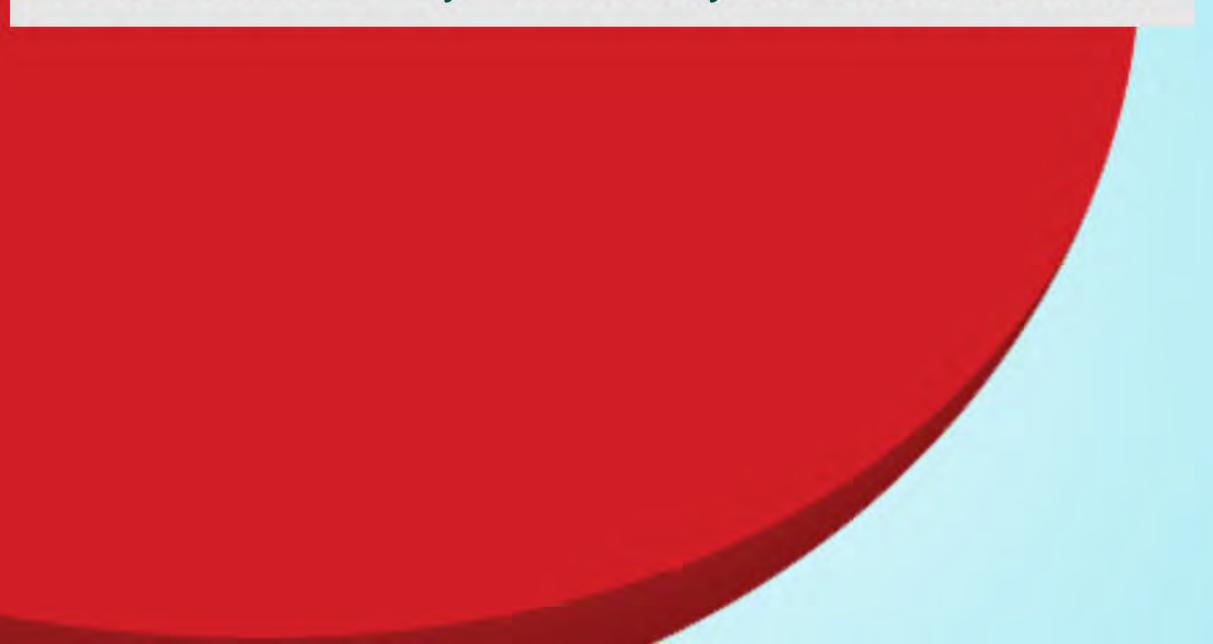
## What's Changed, What It Costs, What It Means





## What's Changed, What It Costs, What It Means

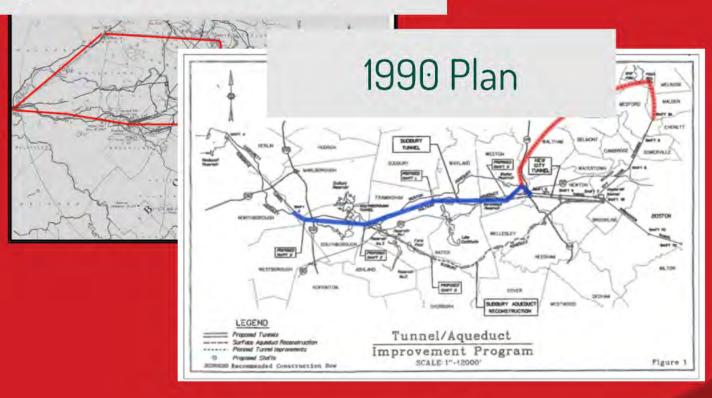




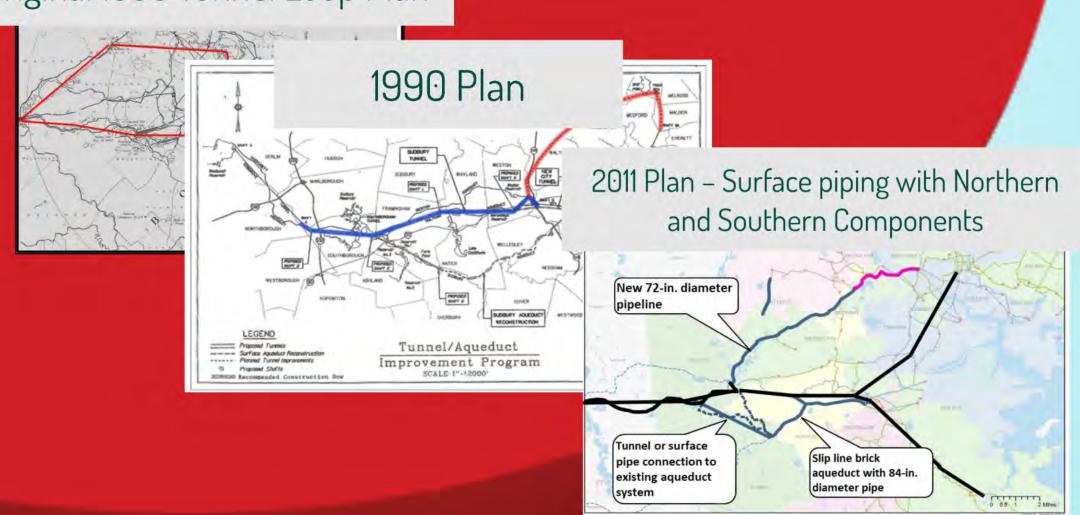
### Original 1936 Tunnel Loop Plan

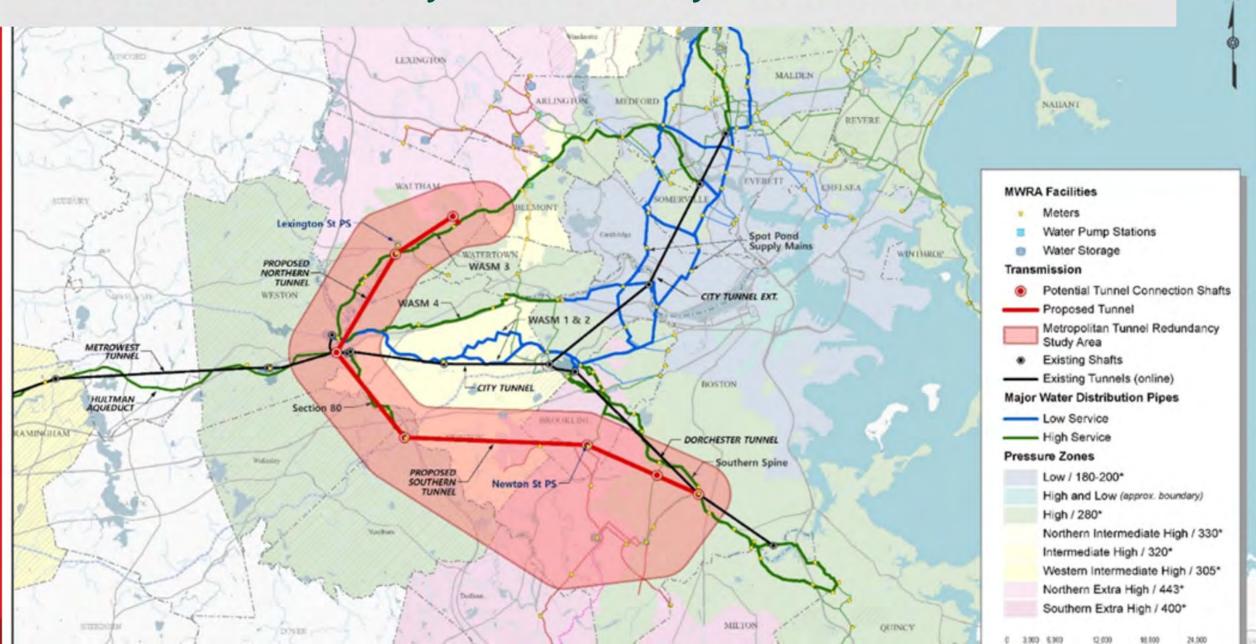


Original 1936 Tunnel Loop Plan



Original 1936 Tunnel Loop Plan



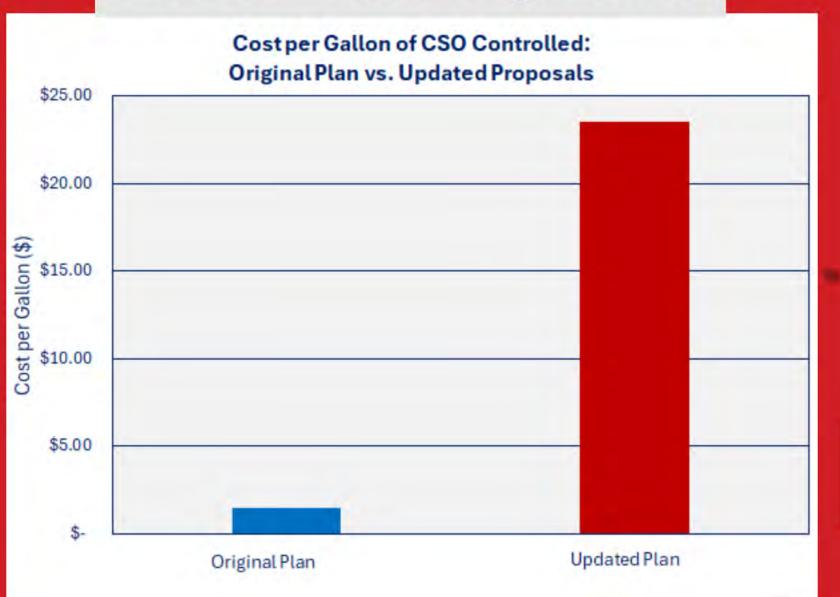


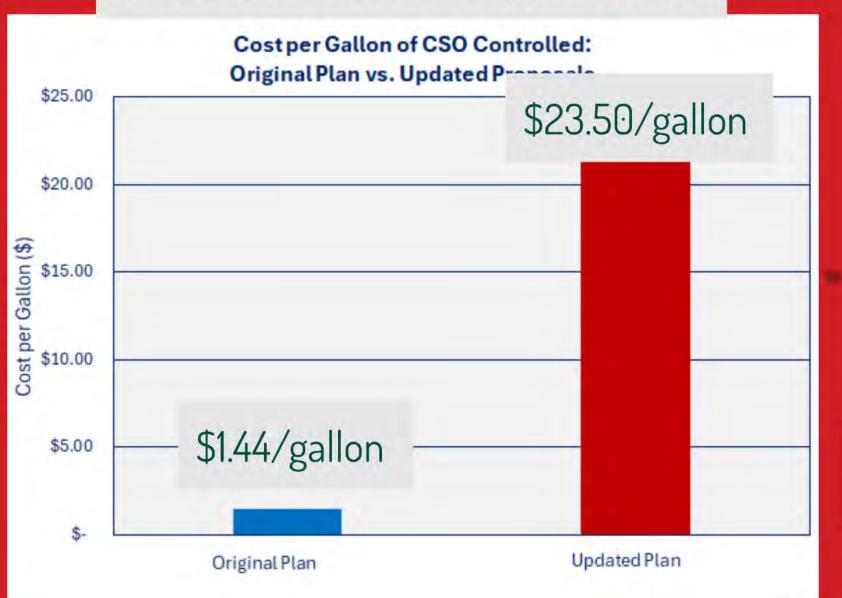
## Original LTCP



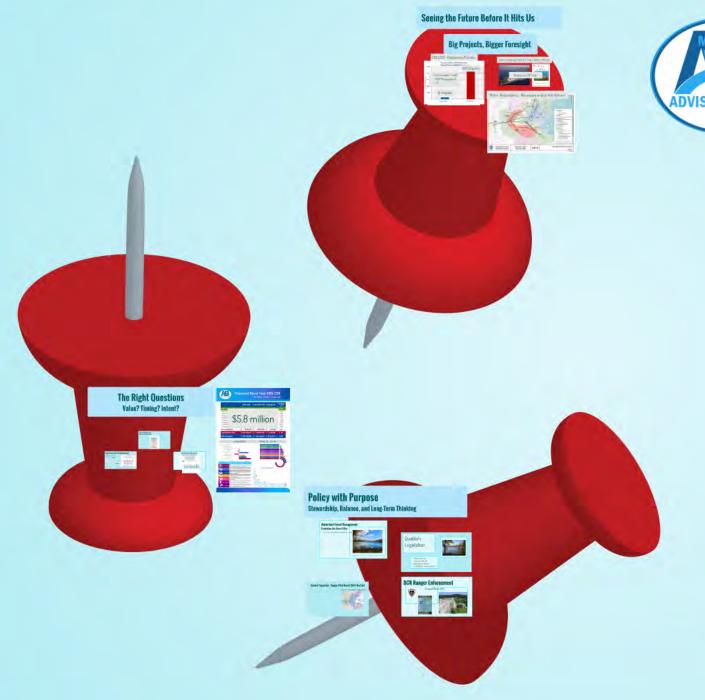
## **Updated LTCP**

187.9 Mgal











# Comments & Recommendations on MWRA's Proposed FY26 CEB & CIP

MWRA Board of Directors May 21, 2025

## **Policy with Purpose**

#### Stewardship, Balance, and Long-Term Thinking

#### **Watershed Forest Management**

**Protecting the Forest Filter** 

"Carefully considered, deliberately limited



#### Quabbin Legislation



- \$35 million tax
- Expanded PILOTs
- · Board governance
- · Feasibility study scope creep

#### System Expansion - Support that Dosn't Shift the Cost

System Expansion Study Areas



#### **DCR Ranger Enforcement**



A qualified win





**Protecting the Forest Filter** 

"Carefully considered, deliberately limited"



**Protecting the Forest Filter** 

"Carefully considered, deliberately limited"



**Protecting the Forest Filter** 

"Carefully considered, deliberately limited"



Independent assessment

**Protecting the Forest Filter** 

"Carefully considered, deliberately limited"



Independent assessment

Share the story

# Quabbin Legislation

- \$35 million tax
- Expanded PILOTs
- Board governance
- Feasibility study scope creep

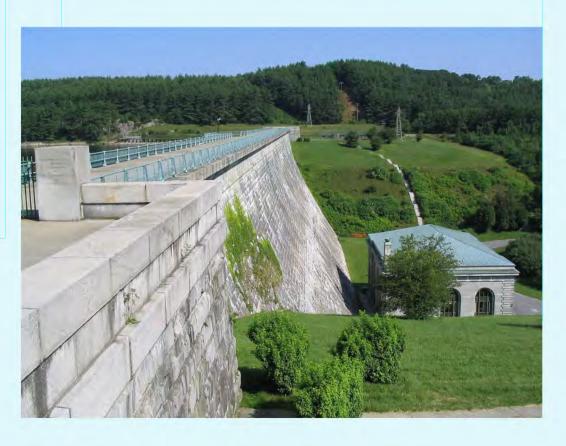


# DCR Ranger Enforcement

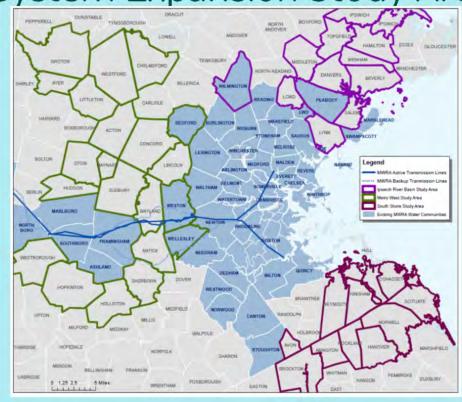


A qualified win



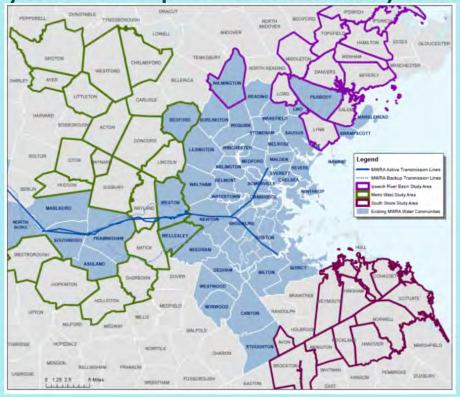


System Expansion Study Areas





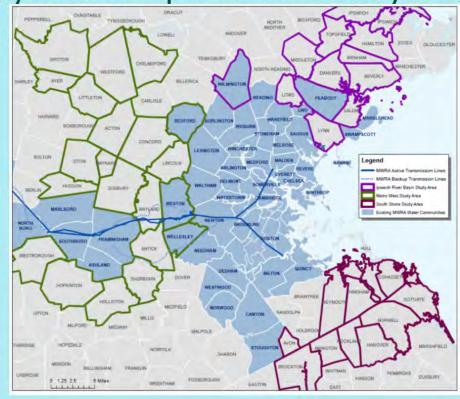
System Expansion Study Areas







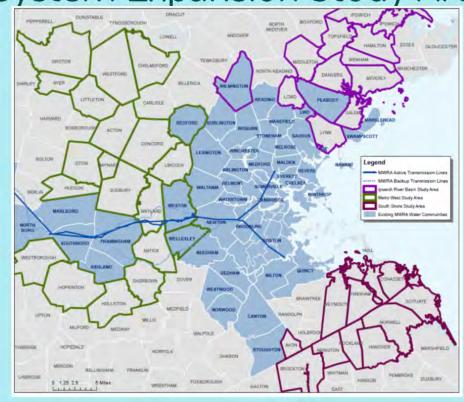
System Expansion Study Areas





Connection cost

System Expansion Study Areas



**T**\$ MWRA finances - community repays





# Comments & Recommendations on MWRA's Proposed FY26 CEB & CIP

MWRA Board of Directors May 21, 2025





MWRA Board of Directors May 21, 2025

S Right dollars

**G** Right time





#### Massachusetts Water Resources Authority

#### MWRA Fiscal Year 2026 Current Expense Budget Development Update

May 21, 2025



#### **FY26 CEB – Notable Changes from the Spring Revisit**

#### **Direct Expenses**

- Wages & Salaries
- Fringe Benefits
- Utilities
- Chemicals
- Other Services

#### **Indirect Expenses**

- Insurance
- Pension



#### **FY26 CEB – Notable Changes from the Spring Revisit**

#### **Debt Service**

- SRF
- Senior Debt
- Subordinate Debt
- Defeasance

#### Revenue

Investment Income

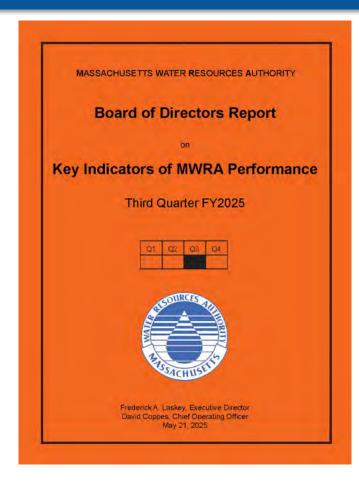
#### **Advisory Board**

- Cooperation throughout the budget process
- Staff will develop formal responses to the Advisory Board's comments and recommendations
- Staff will be back in June with a Draft Final recommendation

#### Thank You!

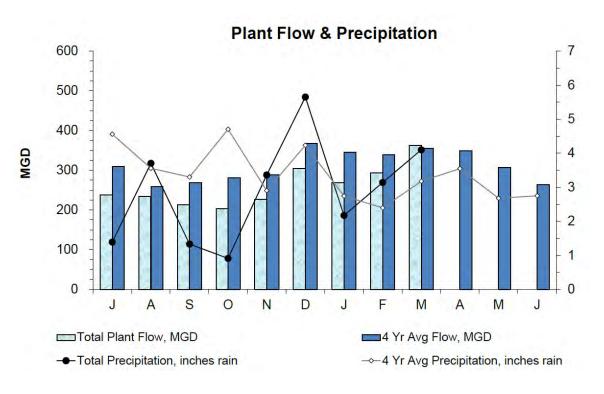


#### FY25 Third Quarter Orange Notebook Highlights





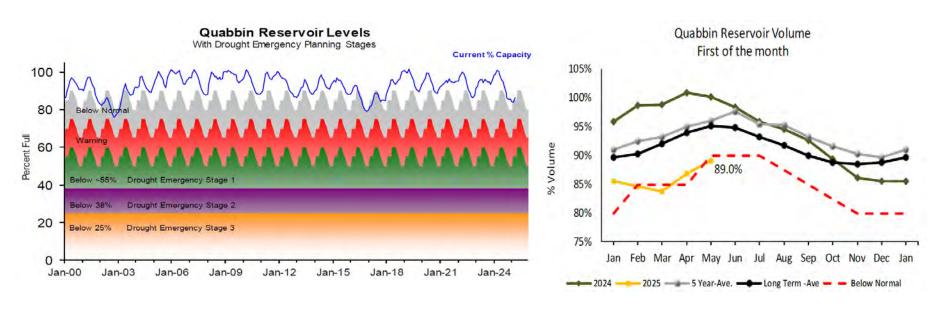
#### Increased Precipitation, Drought Conditions Persist



- Precipitation 13% above average
- Deer Island flow 11% below average, despite increased precipitation. Plant flows well below target in January and February
- New low flow record for January – 268.9 MGD



#### Impacts of Drought on Water Supply

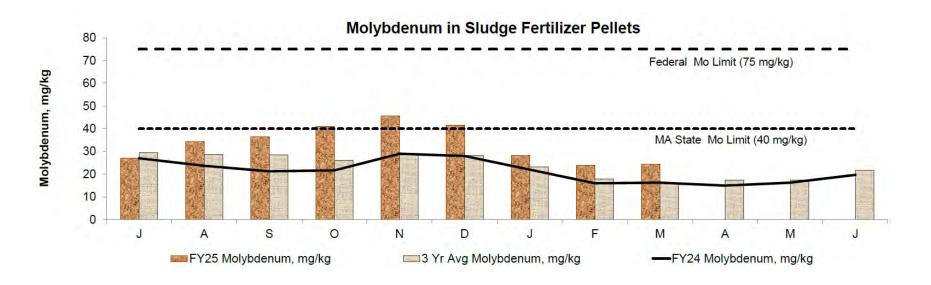


- Quabbin volume increased by 1.2%, returning to normal operating range by the end of Q3.
- On May 1<sup>st</sup> Quabbin levels dropped to below normal, with target rising to 90%. Filled to 90% on May 8<sup>th</sup>.



#### Molybdenum in Biosolids

- Molybdenum (Mo) levels in fertilizer pellets in Q3 (25.6 mg/kg) returned to within MA land limits (40 mg/kg), remained well below federal limit (75 mg/kg)
- Allows for resumption of pellets distribution to sites in Massachusetts and New York





#### Massachusetts Water Resources Authority

Presentation to

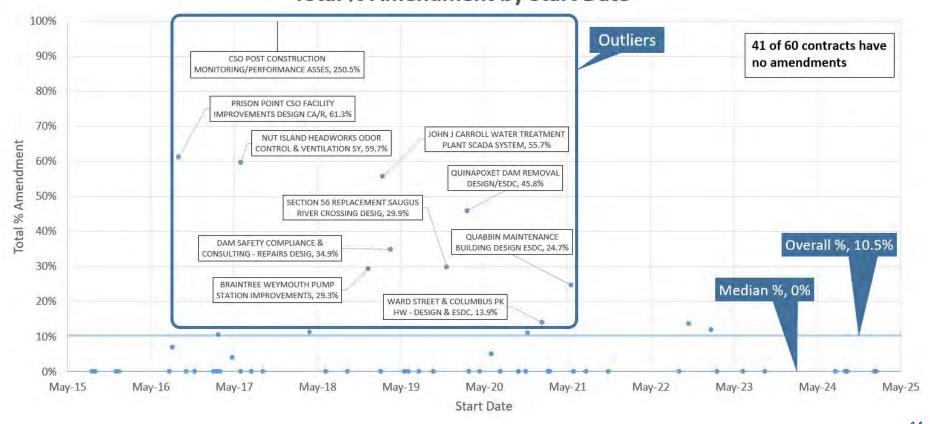
#### **MWRA Board of Directors**

# Change Orders and Amendments Update Design and Construction Accomplishments



#### Total % Amendments for Professional Design Contracts

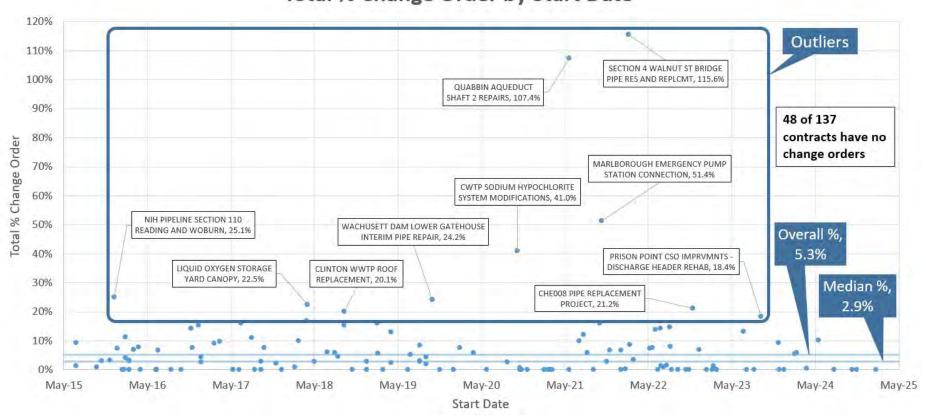






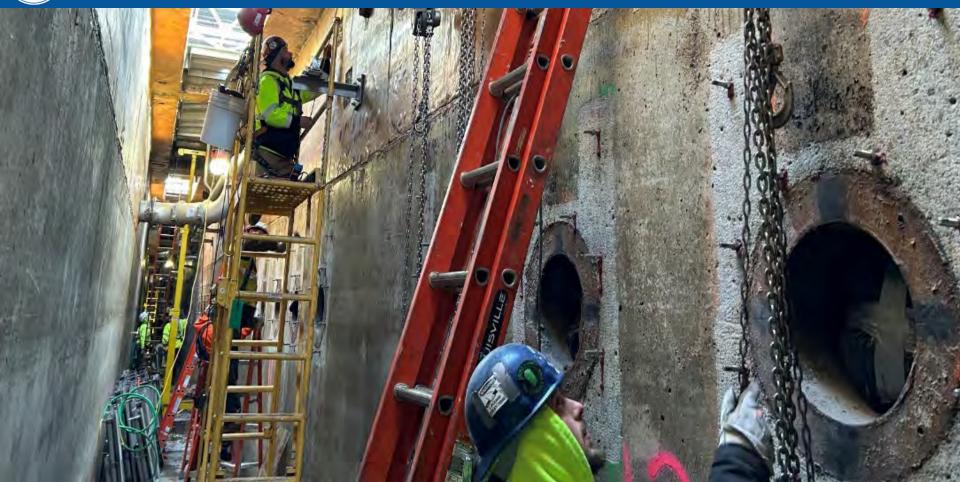
#### Total % Change Orders for Construction Contracts

#### Total % Change Order by Start Date



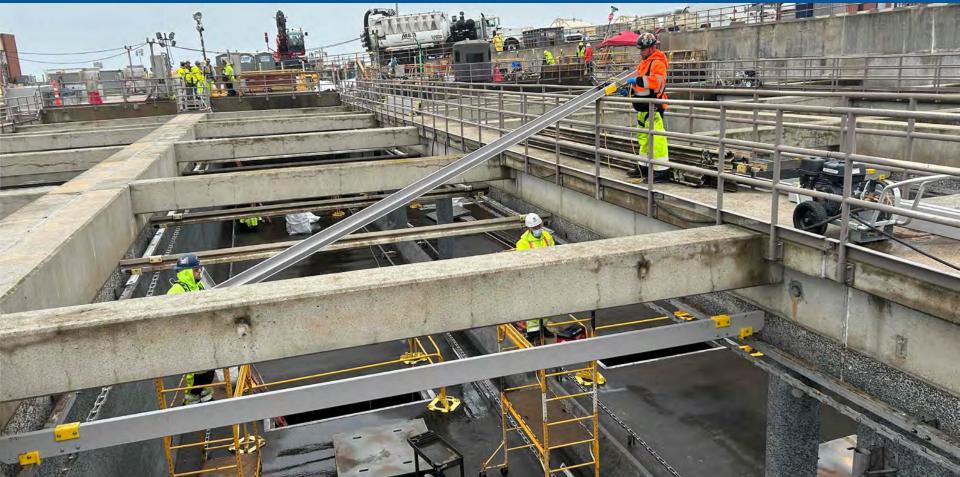


Deer Island Clarifier Rehabilitation Phase 2 Walsh Construction Company II





#### Deer Island Clarifier Rehabilitation Phase 2 Walsh Construction Company II



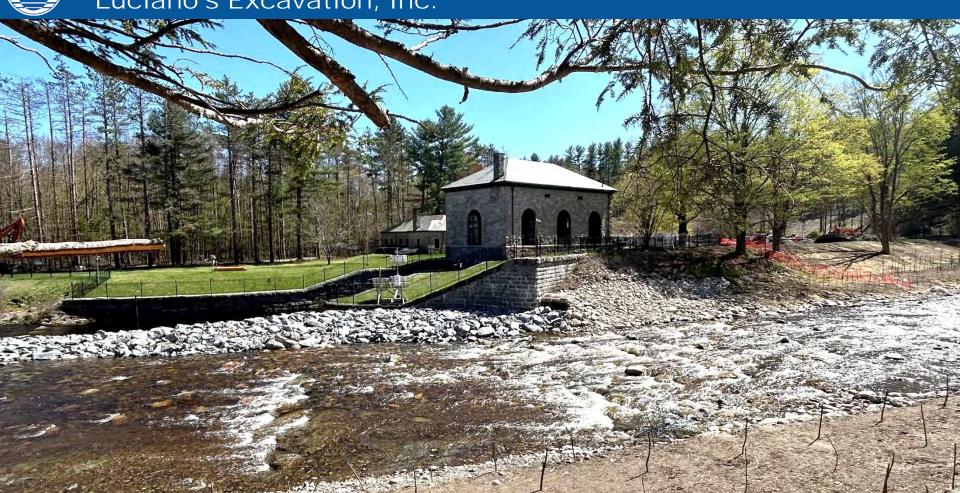


Braintree-Weymouth Pump Station Improvements (Quincy) Walsh Construction Company II









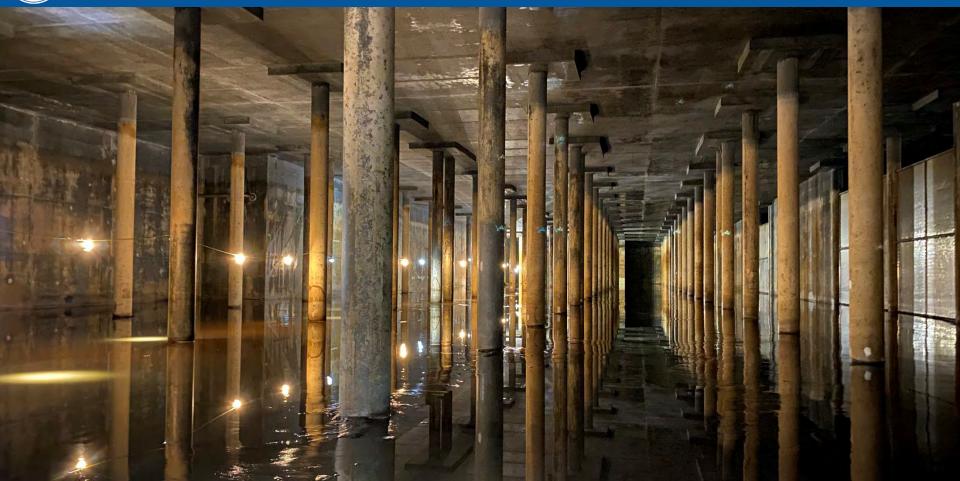








Norumbega Covered Storage Tank Cell Nos. 1 & 3 Cleaning (Weston) R. Zoppo Corporation





Top of Shaft 5 Interim Improvements (Weston) R. Zoppo Corporation





Northern Intermediate High Sec 89 Replacement (Stoneham, Winchester & Woburn), P. Gioioso & Sons, Inc.





#### Section 101 Extension (Waltham) Baltazar Contractors





WASM Section W15 Leak Repair (Boston) RJV Construction Corp.



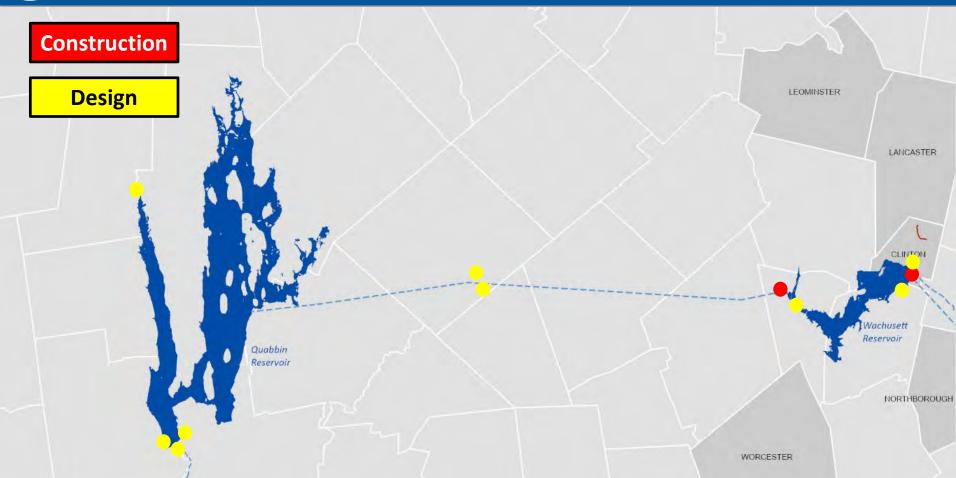


Section 4 Walnut Street Bridge Pipe Restraint Replacement (Somerville) R. Zoppo Corporation



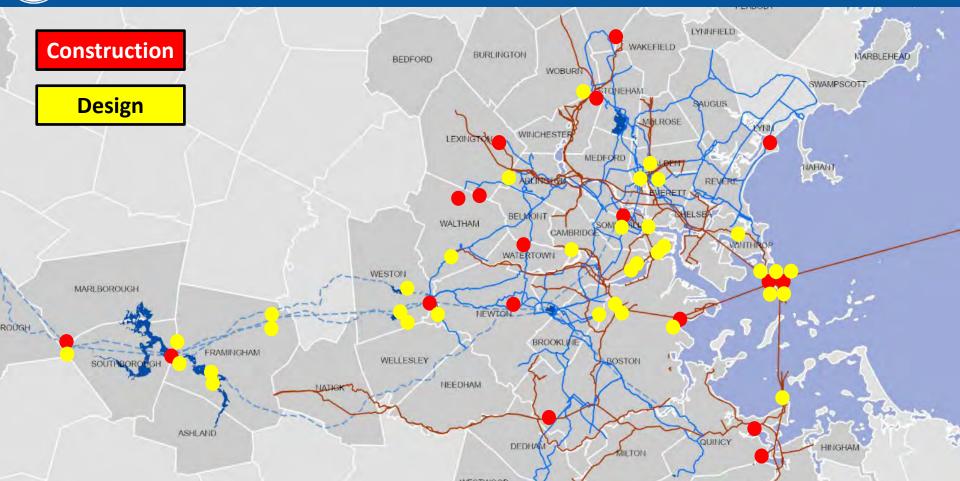


## Active Construction & Design Projects





#### Active Construction & Design Projects





#### Massachusetts Water Resources Authority

Presentation to

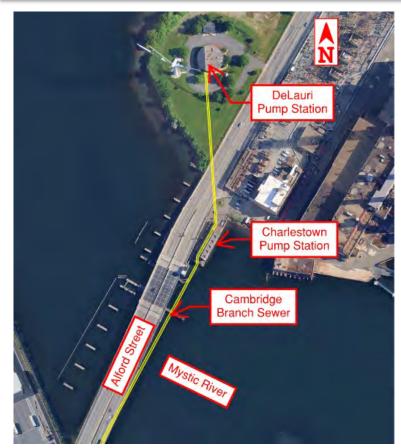
#### **MWRA Board of Directors**

## Charlestown Pump Station Seawall Repair

May 21, 2025



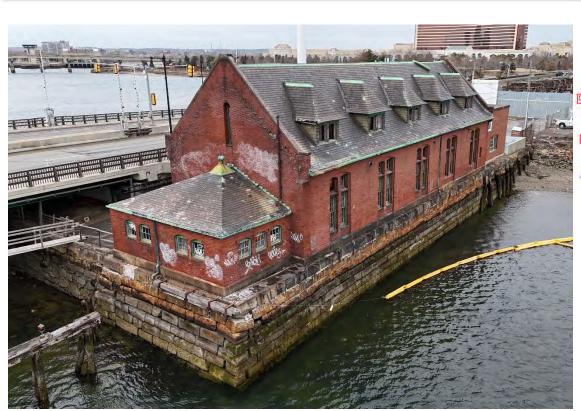
#### **Project Location**

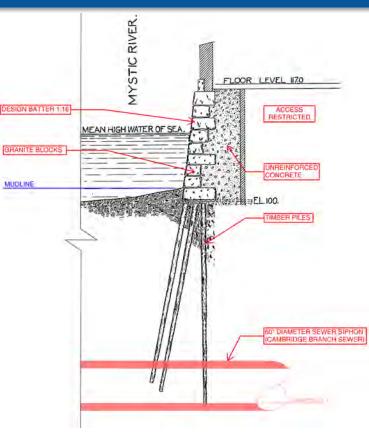






#### **Existing Conditions**



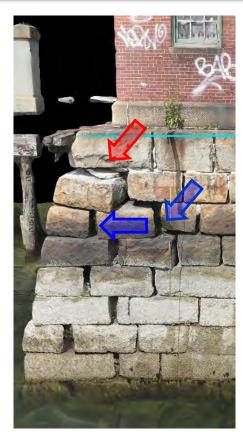


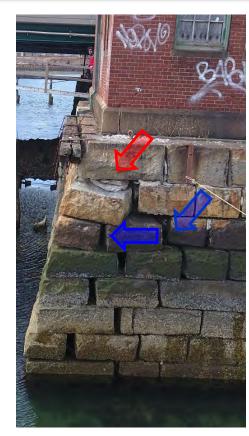
Pump Station Superstructure

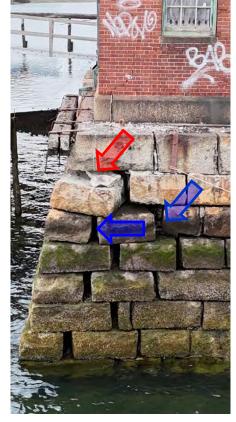
**Cross Section of Seawall** 



### **Existing Conditions**







August 2021

March 2024

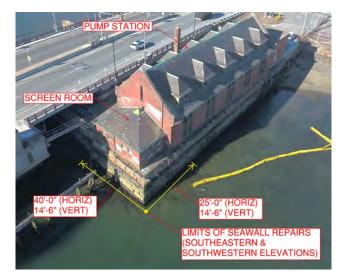
March 2025

# Design of Temporary Local Stabilization (\$2.9 million)

- Temporary stabilization of 65 linear feet of seawall
- Secure blocks in their current positions
- Grout and wedge blocks. Fill voids between granite blocks
- ~10 year lifespan
- Specialized marine contractor from barges and with divers

#### **Considerations:**

- Federal, State, and Local notifications, permits, approvals
- Outside stakeholder potential for Harborwalk extension and building reuse.





#### Massachusetts Water Resources Authority

Presentation to

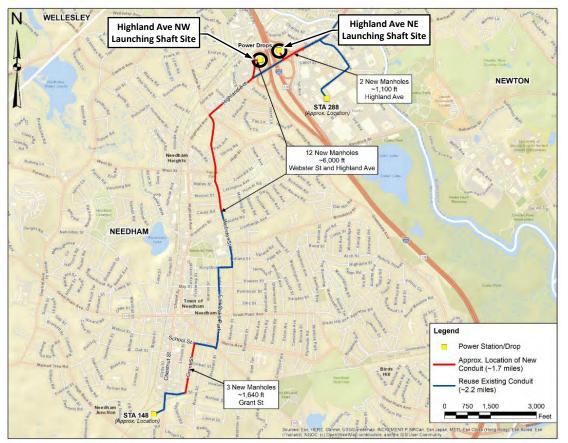
#### **MWRA Board of Directors**

# Metropolitan Water Tunnel Program Payment to Eversource for Electric Service for South Tunnel TBM Launch Shaft Site

May 21, 2025



#### TBM Power Supply - South Tunnel



#### **Highland Ave Launching Shaft Sites**

- ~1.7 miles of new duct bank
- ~2.2 miles of existing duct bank
- ~3.9 miles of new 13.8kV cable
- All within Needham

#### **Eversource Construction Schedule**

- Construct duct banks and manholes
  - June 2025 to August 2025
- Install and splice new electric cable
  - Sept 2025 to Jan 2028



#### Eversource Payment Summary - South Tunnel

- Request release of payment to Eversource for \$7,875,977
  - MWRA's Contribution in Aid to Construction
  - Includes cost of construction (including police detail, community outreach) and a carrying charge minus a system development credit and a revenue credit
  - Follows Eversource Distribution Service Tariff Terms and Conditions
- Request delegated authority for the Executive Director up to \$1,000,000



#### Massachusetts Water Resources Authority

Presentation to

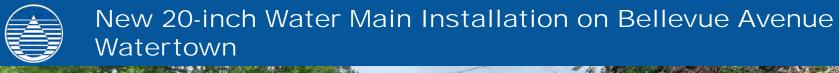
#### **MWRA Board of Directors**

Contract 6956
Intermediate High Pipeline Improvements CP2
Rehabilitation of Sections 24 & 25
Watertown & Newton - Change Order 11



New 20-inch Water Main Installation on Russell Avenue Watertown









New 16-inch Drain Installation on Russell Avenue Watertown



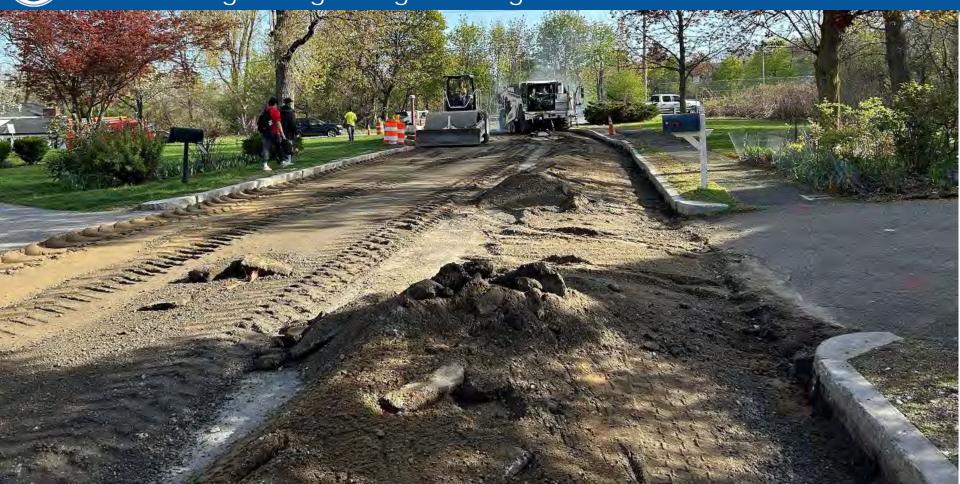


# 12-inch Sewer Installation on Bellevue Road Watertown





Recent Full Depth Road Reconstruction in Winchester Pulverizing & Regrading Existing Subbase





Recent Full Depth Road Reconstruction in Winchester Installing Asphalt Base Course





Recent Full Depth Road Reconstruction in Winchester Restoring Frames and Covers

