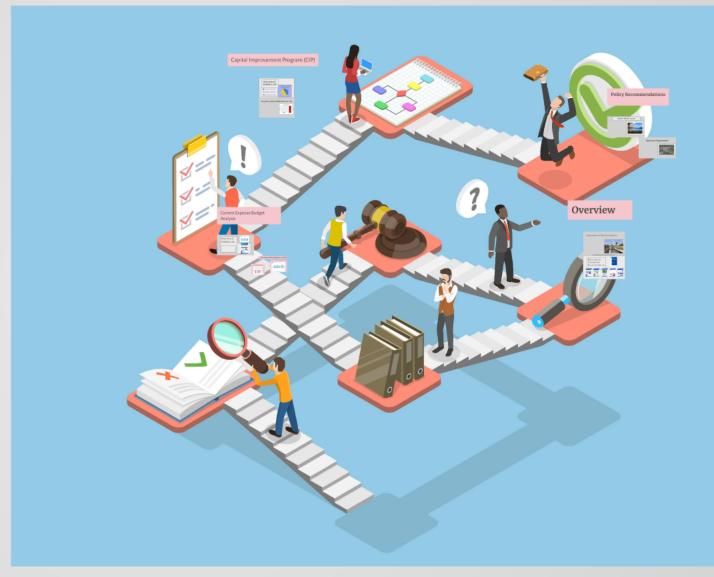
# Preview: Advisory Board's Comments & Recommendations

on MWRA's Proposed FY26 CEB and CIP







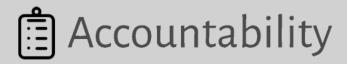
**Accountability** 





**Q** Transparency



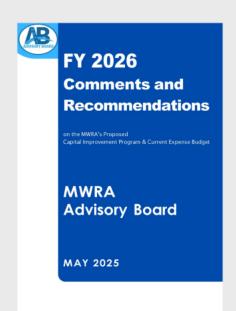


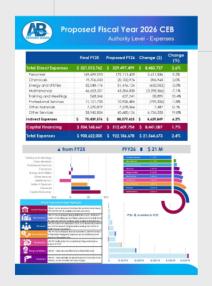
**Q** Transparency

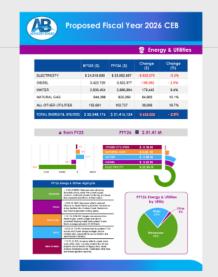
Focus on ratepayers

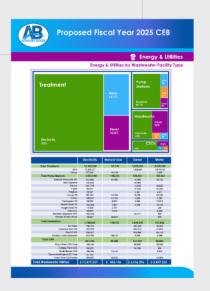


# Enhancing the Comments & Recommendations











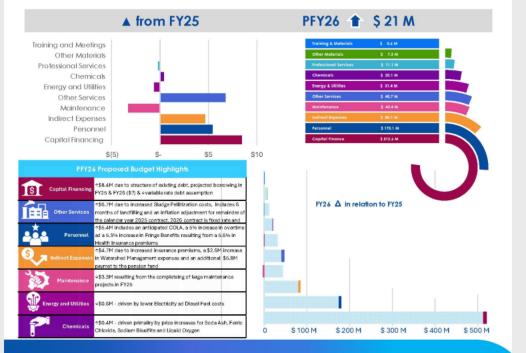




# Proposed Fiscal Year 2026 CEB

Authority Level - Expenses

	Final FY25	Pre	oposed FY26	С	hange (\$)	Change (%)
Total Direct Expenses	\$ 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	\$ 900,622,005	\$	922,186,678	\$	21,564,673	2.4%

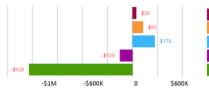




# **Proposed**

	BFY25 (\$)
ELECTRICITY	\$ 24,818,93
DIESEL	3,422,72
WATER	2,809,45
NATURAL GAS	844,36
ALL OTHER UTILITIES	152,691
TOTAL ENERGY& UTILITIES	\$ 32,048,17

## ▲ from FY25



### PFY26 Energy & Utilities Highlights

Electricity	3.3% (\$ 826K) Reduced costs driven to favorable pricing under the current supplicontract, continued market monitoring, a than-expected plant flows at Deer Island.
Diesel	↓ 2.9% (\$ 100K) Decrease reflects reduc reliance on diesel following dual-fuel corr at key facilities like Chelsea Creek Heads and minimal generator testing needs.
Natural Gas	↑ 10.1 % (\$ 84.9K) Despite conversions diesel to gas, overall usage rose due to consistent heating needs and updated 3- therm averages priced at \$1.40/therm.

† 6.4% (\$ 179.4K) Increase tied to update actuals and 3-year usage averages acros multiple sites, especially for pump station administrative facilities.

ther Utilities

† 19.7% (\$ 30K) Increase reflects varied scale utility costs, including modest fuel or propane use at remote or legacy sites, di exhaust compliance costs, reallocated util and limited gasoline reserves.

# al Year 2026 CEB

thority Level - Expenses

oosed FY26	С	hange (\$)	Change (%)
329,497,499	\$	8,483,737	2.6%
175,111,429		5,411,836	3.2%
20,102,976		396,943	2.0%
31,416,124		(632,052)	-2.0%
43,354,835		(3,298,366)	-7.1%
627,241		58,895	10.4%
10,926,404		(195,326)	-1.8%
7,278,366		7,487	0.1%
40,680,124		6,734,320	19.8%
80,079,425	\$	4,639,849	6.2%
12,609,754	\$	8,441,087	1. <b>7</b> %
22,186,678	\$	21,564,673	2.4%

## PFY26 🛊 \$ 21 M





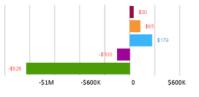
# Proposed Fiscal Year 2026 CEB

# Energy & Utilities

	BFY25 (\$)	PFY26 (\$)	Change (\$)	Change (%)
ELECTRICITY	\$ 24,818,936	\$ 23,992,857	-\$ 826,079	-3.3%
DIESEL	3,422,729	3,322,377	-100,352	- 2.9%
WATER	2,809,454	2,988,894	179,440	6.4%
NATURAL GAS	844,366	929,269	84,903	10.1%
ALL OTHER UTILITIES	152,691	182,727	30,036	19.7%
TOTAL ENERGY& UTILITIES	\$ 32,048,176	\$ 31,416,124	-\$ 632,052	- 2.0%

## ▲ from FY25

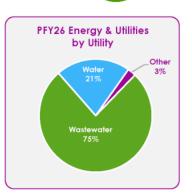
## PFY26 **3** \$31.41 M



OTHER UTILITIES	\$ 0.18 M	l
NATURAL GAS	\$ 0.92 M	
WATER	\$ 2.98 M	
DIESEL	\$ 3.32 M	
ELECTRICITY	\$ 23.99 M	

## PFY26 Energy & Utilities Highlights

Electricity	13.3% (\$826K) Reduced costs driven by favorable pricing under the current supply contract, continued market monitoring, and lower-than-expected plant flows at Deer Island.
Diesel	
Natural Gas	↑ 10.1 % (\$ 84.9K) Despite conversions from diesel to gas, overall usage rose due to consistent heating needs and updated 3-year therm averages priced at \$1.40/therm.
Water	↑ 6.4% (\$ 179.4K) Increase tied to updated FY25 actuals and 3-year usage averages across multiple sites, especially for pump stations and administrative facilities.
Other Utilities	↑ 19.7% (\$ 30K) Increase reflects varied small- scale utility costs, including modest fuel oil and propane use at remote or legacy sites, diesel exhaust compliance costs, reallocated utility fees, and limited gasoline reserves.





**Treatment** 

Propo

Electricity

**Total Treatment** Braintree Weymouth IP: Braintree Weymouth RP Total Headworks Columbus Park HV Ward St HV

Chelsea Creek Headwork Prison Point CSO Trea

Somerville MarginalCSO Trea

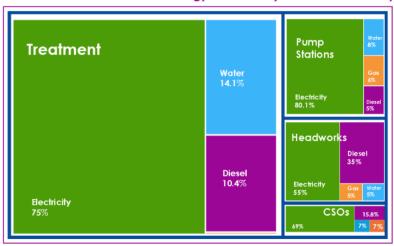
Total Wastewater Utilities

# ar 2026 CEB

# **Proposed Fiscal Year 2025 CEB**

# Energy & Utilities

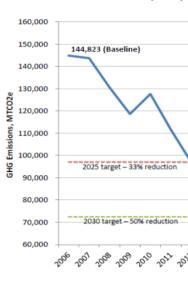
## Energy & Utilities by Wastewater Facility Type



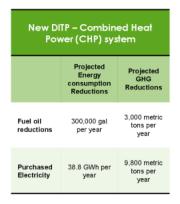
	Electricity	Natural Gas	Diesel	Water
Total Treatment	13,186,838	61,170	1,838,601	2,476,158
DITP	12,909,217		1,838,601	2,474,158
Clinton	277,621	61,170		2,000
Total Pump Stations	1,935,559	156,233	129,433	195,041
Braintree Weymouth IPS	516,694	67,684	16,000	39,722
New Neponset	130,835		40,083	
DeLauri	231,779		14,403	48,020
Hayes	82,521		11,155	35,335
Hingham	29,261		5,341	4,411
Caruso PS	261,551	15,496	6,400	23,435
Quincy	168,007	12,103	4,800	4,394
Framingham PS	108,651	6,950	3,840	12,612
Alewife Brook PS	152,206	7,997	3,200	16,120
Houghs Neck PS	14,500	2,191		226
Squantum	36,644	7,910		9,232
Braintree Weymouth RPS	154,356		24,211	858
Chelsea Screen House	48,554	35,902		676
Total Headworks	1,709,230	159,727	1,040,342	157,022
Nut Island	739,754		487,130	30,502
Columbus Park HW	220,326		290, 214	57,974
Ward St HW	229,357		256,598	64,148
Chelsea Creek Headworks	519,793	159,727	6,400	4,398
Total CSO	647,930	68,066	147,920	69,002
Prison Point CSO Treat	128,143		93,562	20,220
Cottage Farm CSO	68.903		54.358	900
South Boston CSO	189,235	15.442	,	6,547
Somerville MarginalCSO Treat	67.792			9,011
Union Park CSO Facility	193,857	52,624		41,335
Total Wastewater Utilities	\$ 17,479,557	\$ 445,196	\$ 3,156,296	\$ 2,897,223

# Propose

## MWRA Greenhouse Gas (CO2)



## **Future Efficience**

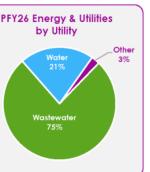


# **Energy & Utilities**

Change (\$)	Change (%)
-\$ 826,079	-3.3%
-100,352	- 2.9%
179,440	6.4%
84,903	10.1%
30,036	19.7%
-\$ 632,052	- 2.0%

## \$ \$ 31.41 M

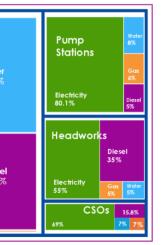




# Year 2025 CEB

## **Energy & Utilities**

## ities by Wastewater Facility Type



Gas	Diesel	Water	
70	1,838,601	2,476,158	
	1,838,601	2,474,158	
70		2,000	
33	129,433	195,041	
14	16,000	39,722	
	40,083		
	14,403	48,020	
	11,155	35,335	
	5,341	4,411	
6	6,400	23,435	
3	4,800	4,394	
0	3,840	12,612	
7	3,200	16,120	
1		226	
0		9,232	
	24,211	858	
2		676	
	4 0 4 0 0 4 0	457.000	
27	1,040,342	157,022	
	487,130	30,502	
	290,214	57,974	
	256,598	64,148	
27	6,400	4,398	
66	147,920	69,002	
	93,562	20,220	
	54.358	900	
2	04,000	6,547	
		9,941	
14		41,335	
196	\$ 3,156,296	\$ 2,897,223	



# Proposed Fiscal Year 2026 CEB

## **Energy & Utilities**

## MWRA Greenhouse Gas (CO2) Emissions 2006-2022



### **Future Efficiency & Decarbonization Projects**

## New DITP - Combined Heat Power (CHP) system

Projected Energy GHG consumption Reductions Reductions

Fuel oil reductions 300,000 gal

3,000 metric tons per year

year

Purchased Electricity

9,800 metric 38.8 GWh per tons per





- · Contract re-bid in FY26 due to state cost cap limits (DCAMM

- DITP Parking Lot Canopy & Roof ("2 MW) "behind the me
- DOER SMART incentives & LOIs in progress

### Electric Vehicles & Charging Stations:

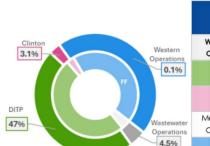
ree charging policy in developmen

Chelsea: 15 L2 + 5 DCFC via Eversource Make Ready (FY25 install DITP: DCFC + solar canopy, targeting MassDEP EVIP grant Southborough: Reapplying for DOER LBE funding

**Total** 

# Proposed I

Proposed **Final** FY25 FY26 3,554,314 3,769,37 Soda Ash 6,719,605 6,347,72 Sodium Hypochlori 517,766 563,87 Hydrofluosilic Acid 170,267 193,05 Sodium Hydroxide 68,442 58,33 Other 562,759 546,77 Polymer 771,549 856,47 Sodium Bisulfite 378,453 545,32 **Activated Carbon** 989,79 914,423 Liquid Oxygen 3,000 3,00 Nitrogen 796,79 805,035 Carbon Dioxide Ferric Chloride 3,881,306 4,060,85 803,94 Hydrogen Peroxide 795,952 313,518 293,66 Aqua Ammonia 249,644 274,00 Other Oxidizers



Wast Ope

Chemicals by

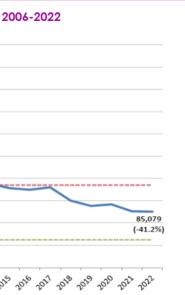
\$ 19,706,033 \$ 20,102,97

Metro Oper Ope

# al Year 2026 CEB



# Energy & Utilities



## rbonization Projects



### Electric Vehicles & Charging Stations:

Chelsea: 15 L2 + 5 DCFC via Eversource Make Ready (FY25 install) DITP: DCFC + solar canopy, targeting MassDEP EVIP grant Southborough: Reapplying for DOER LBE funding



# Proposed Fiscal Year 2026 CEB



## Chemicals

	Final FY25	Proposed FY26	Change (\$)	Change (%)
Soda Ash	3,554,314	3,769,373	215,059	6.1%
Sodium Hypochlori	6,719,605	6,347,729	(371,876)	-5.5%
Hydrofluosilic Acid	517,766	563,870	46,104	8.9%
Sodium Hydroxide	170,267	193,051	22,784	13.4%
Other	68,442	58,339	(10,103)	-14.8%
Polymer	562,759	546,778	(15,981)	-2.8%
Sodium Bisulfite	771,549	856,471	84,922	11.0%
<b>Activated Carbon</b>	378,453	545,323	166,870	44.1%
Liquid Oxygen	914,423	989,795	75,372	8.2%
Nitrogen	3,000	3,000		0.0%
Carbon Dioxide	805,035	796,790	(8,245)	-1.0%
Ferric Chloride	3,881,306	4,060,853	179,547	4.6%
Hydrogen Peroxide	795,952	803,941	7,989	1.0%
Aqua Ammonia	313,518	293,661	(19,857)	-6.3%
Other Oxidizers	249,644	274,002	24,358	9.8%
Total	\$ 19,706,033	\$ 20,102,976	\$ 396,943	2.01%

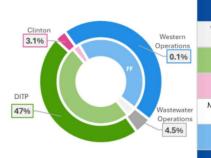








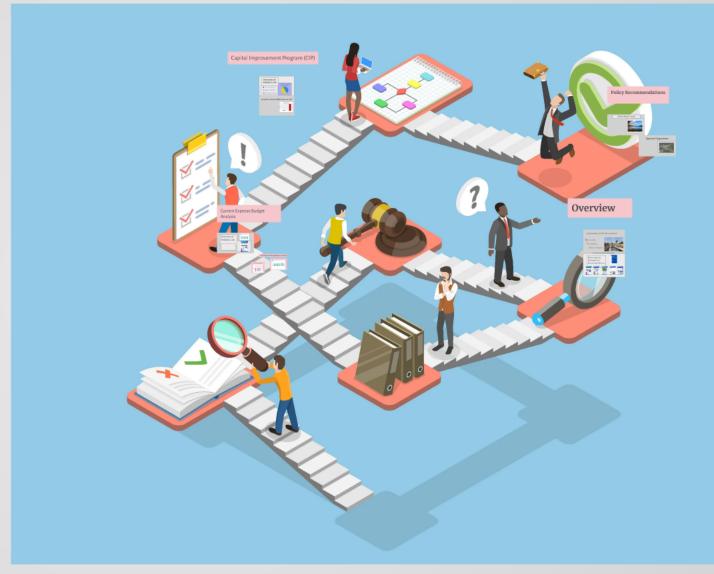
### Chemicals by Division: FFY25 & PFY26

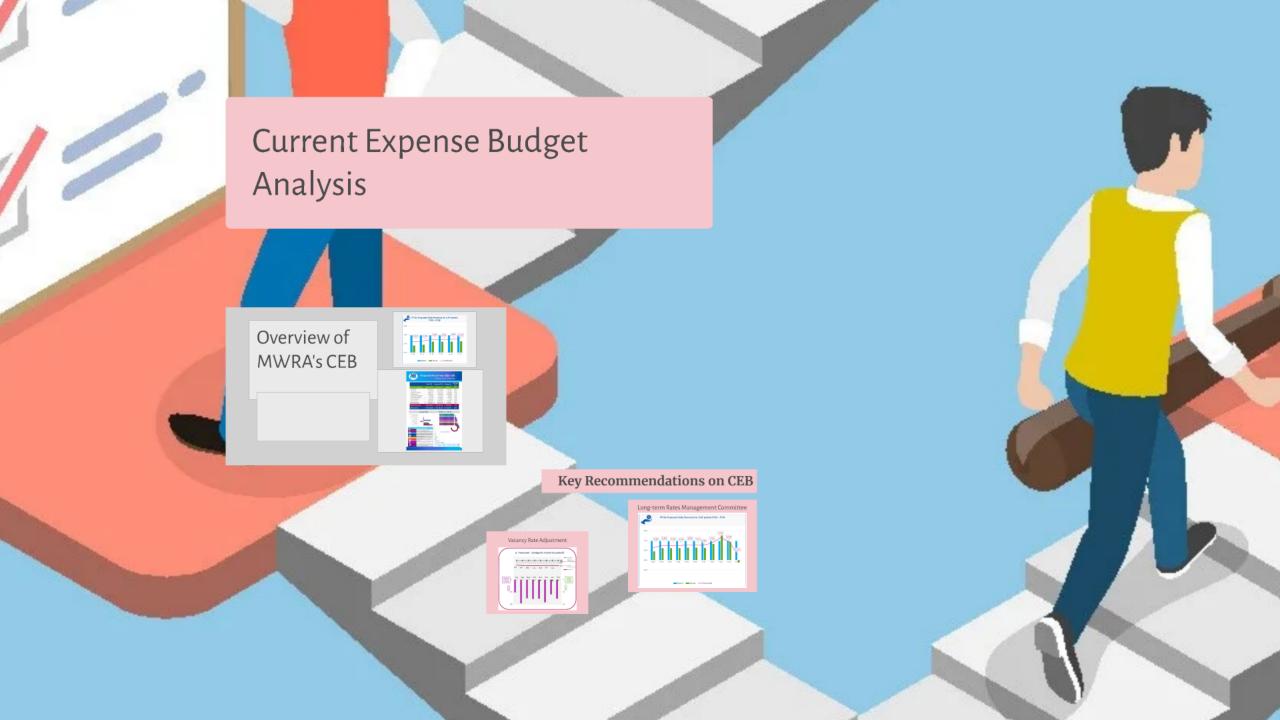


	FFY25 (\$)	PFY26 (\$)	Change (\$)	Change (%)
Wastewater Operations	710,432	911,417	200,985	28.3%
DITP	9,739,230	9,410,555	(328,675)	-3.4%
Clinton	568,507	627,078	58,571	10.3%
Metropolitan Operations	31,790	19,699	(12,091)	-38.0%
Western Operations	8,656,175	9,134,229	478,054	5.5%
TOTAL	\$ 19,706,134	\$ 20,102,978	\$ 396,844	2.0%

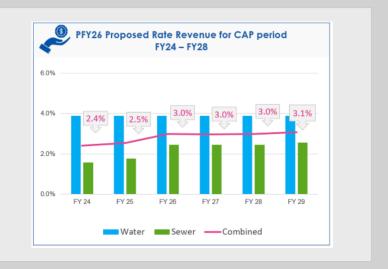
# Preview: Advisory Board's Comments & Recommendations

on MWRA's Proposed FY26 CEB and CIP





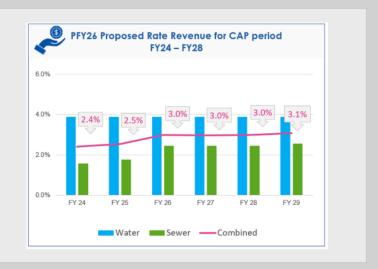
# Overview of MWRA's CEB





# Overview of MWRA's CEB

• PFY26 Total Budget: \$922.2M → 2.4%



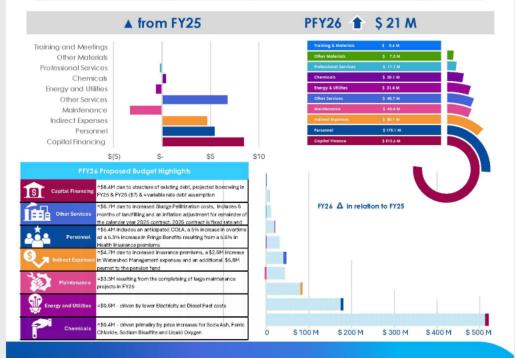




# Proposed Fiscal Year 2026 CEB

Authority Level - Expenses

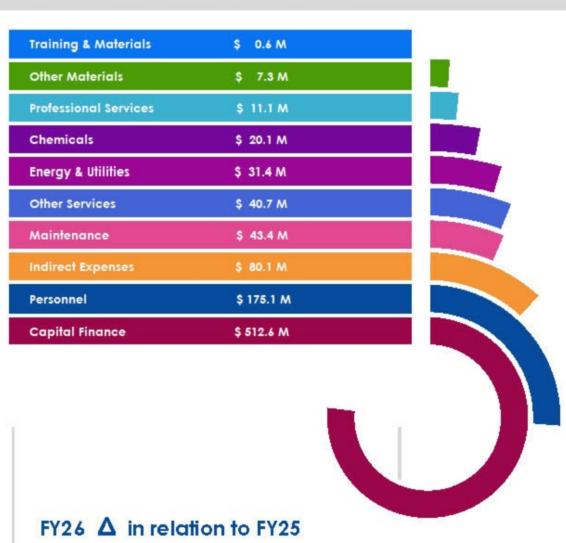
	Final FY25 Proposed FY2		oposed FY26	6 Change (\$)		Change (%)
Total Direct Expenses	\$ 321,013,762	\$	329,497,499	\$	8,483,737	2.6%
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Other Materials	7,270,879		7,278,366		7,487	0.1%
Other Services	33,945,804		40,680,124		6,734,320	19.8%
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Capital Financing	\$ 504,168,667	\$	512,609,754	\$	8,441,087	1. <b>7</b> %
Total Expenses	\$ 900,622,005	\$	922,186,678	\$	21,564,673	2.4%



25

# PFY26 **\$ 21 M**





25

# PFY26 **1** \$ 21 M

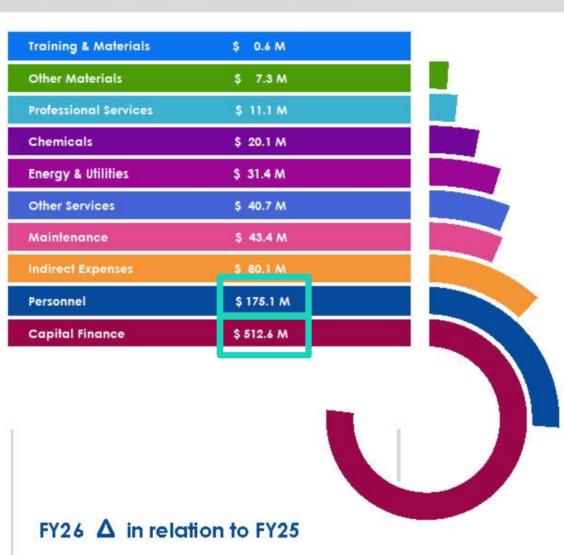




25

# PFY26 **1** \$ 21 M





PFY26 Total Budget: \$922.2M → 2.4%

- PFY26 Total Budget: \$922.2M → 2.4%
- 55.6% = Capital Financing

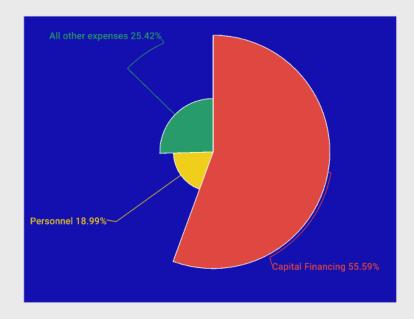
- PFY26 Total Budget: \$922.2M → 2.4%
- 55.6% = Capital Financing
- 19% = Personnel

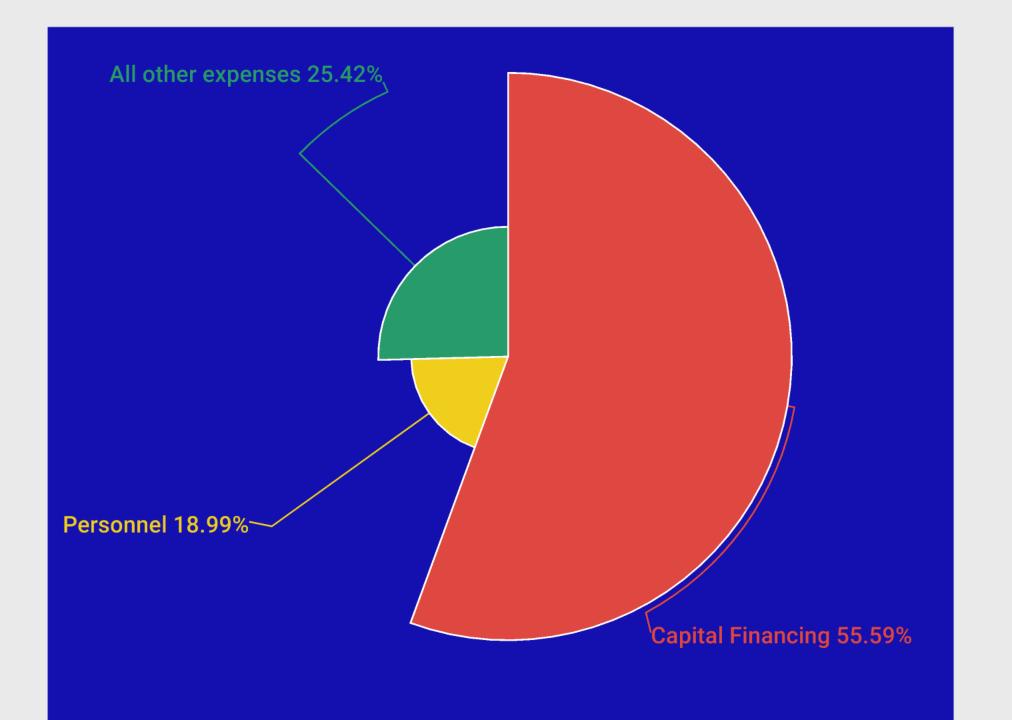
- PFY26 Total Budget: \$922.2M → 2.4%
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- PFY26 Total Budget: \$922.2M → 2.4%
- 55.6% = Capital Financing
- 19% = Personnel



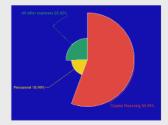


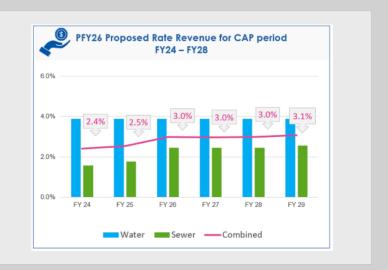


# Overview of MWRA's CEB

- PFY26 Total Budget: \$922.2M → 2.4%
- 55.6% = Capital Financing
- 19% = Personnel

Wages & Salaries + OT Fringe Benefits

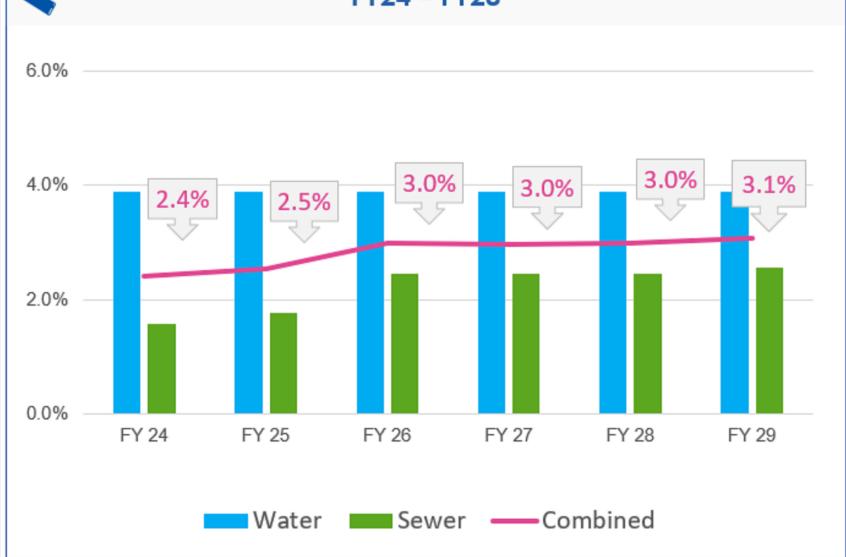






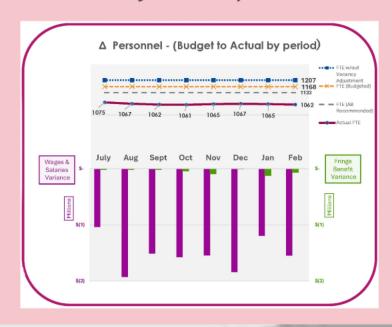


# PFY26 Proposed Rate Revenue for CAP period FY24 – FY28

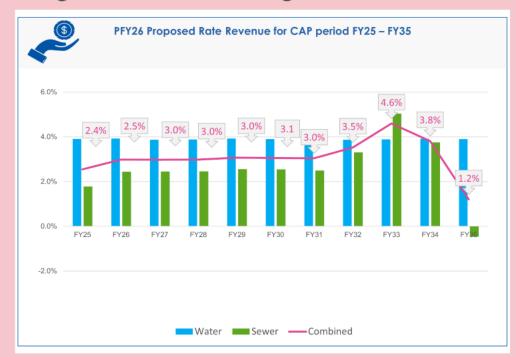


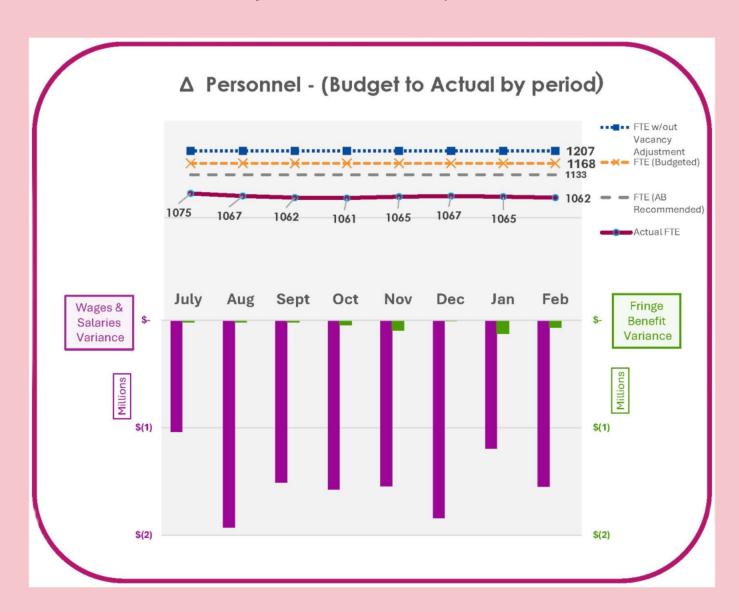
# Key Recommendations on CEB

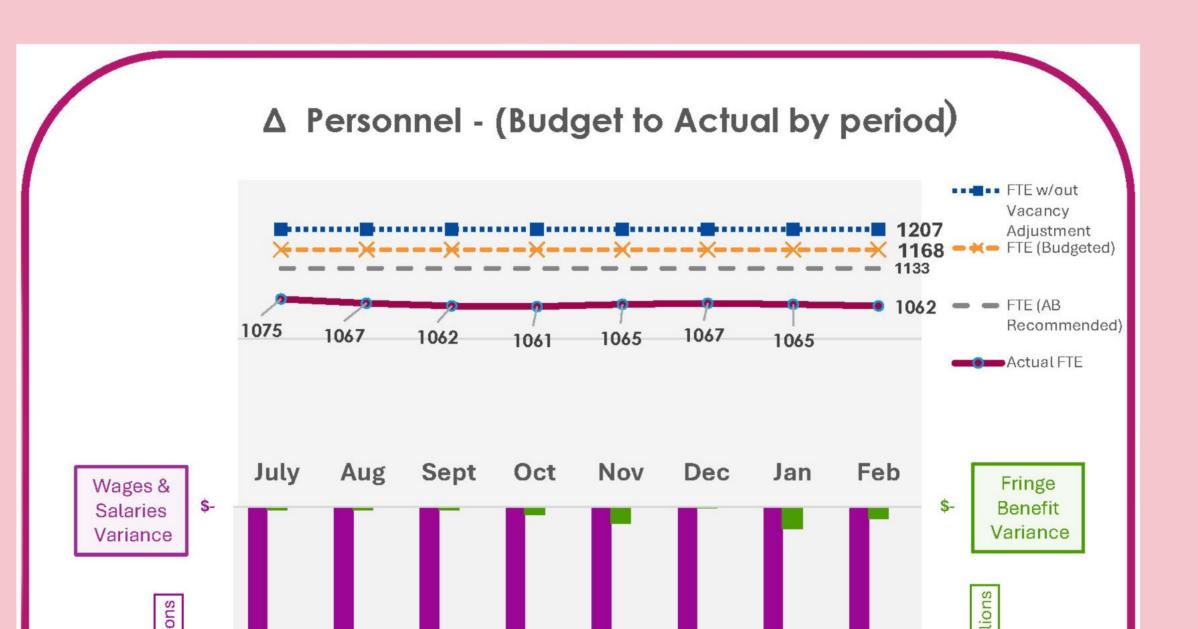
# Vacancy Rate Adjustment

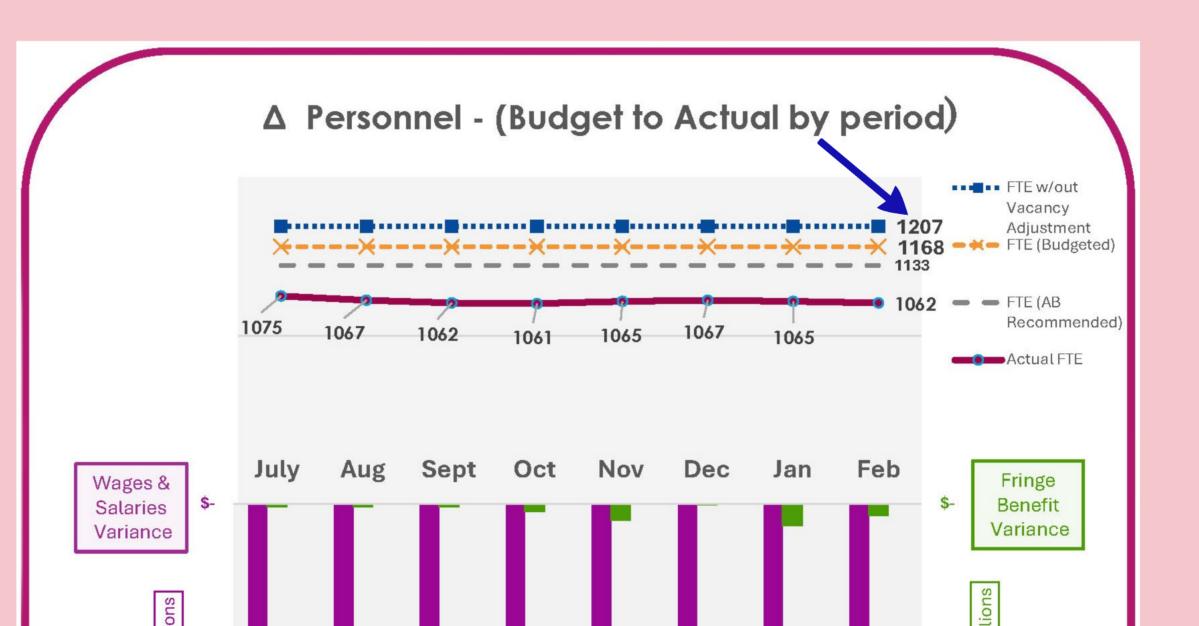


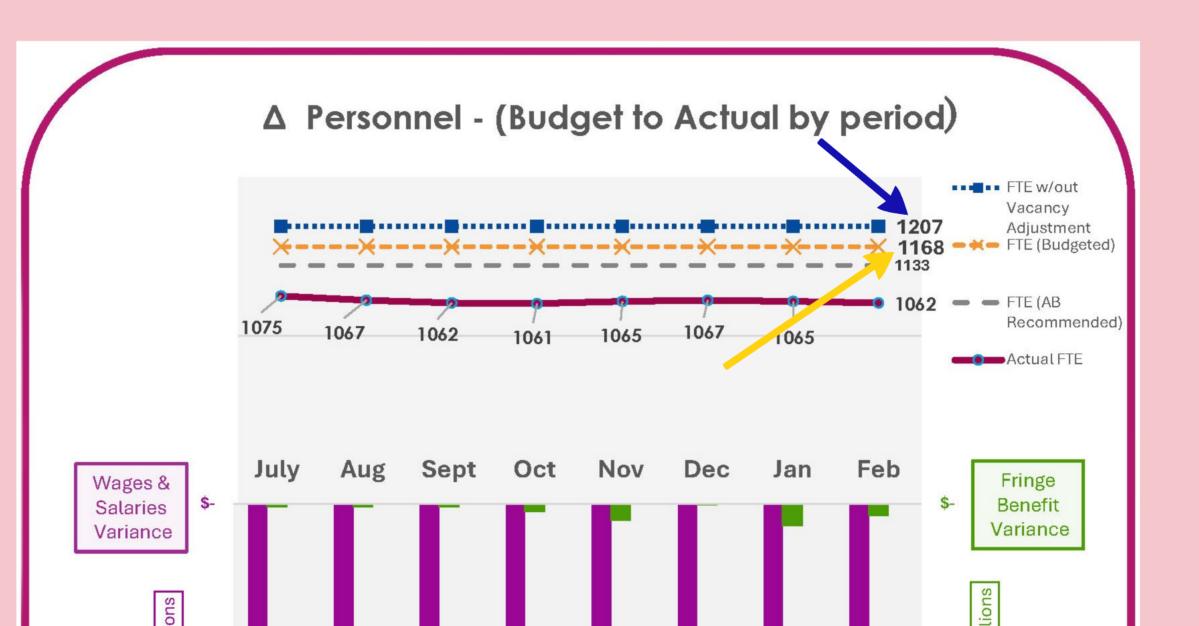
# Long-term Rates Management Committee

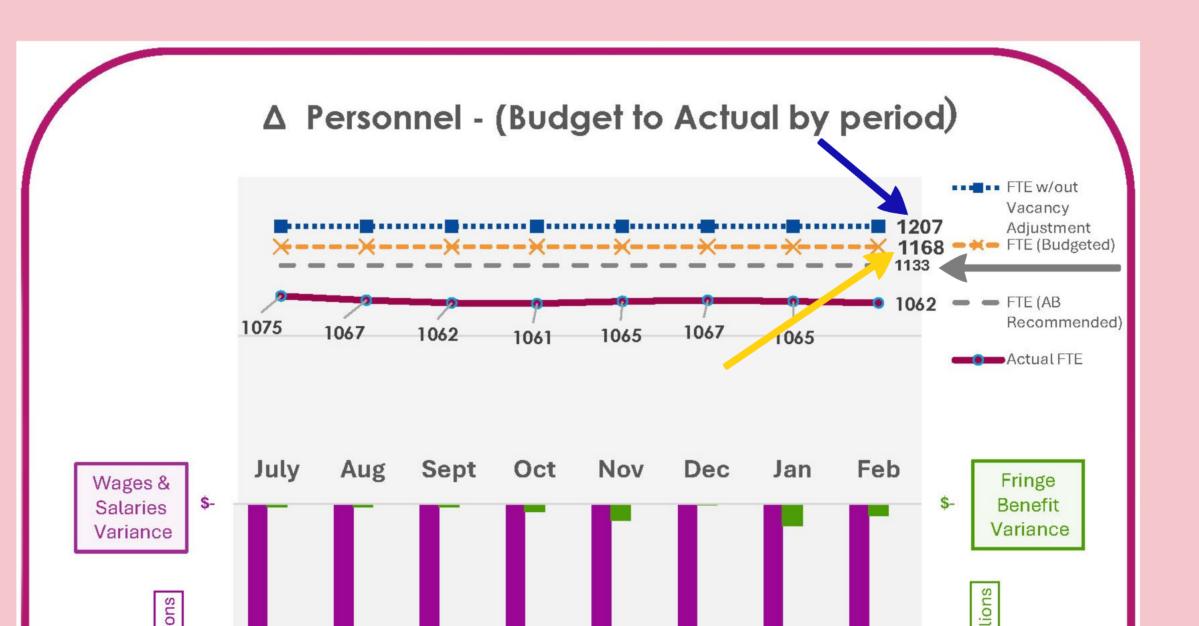


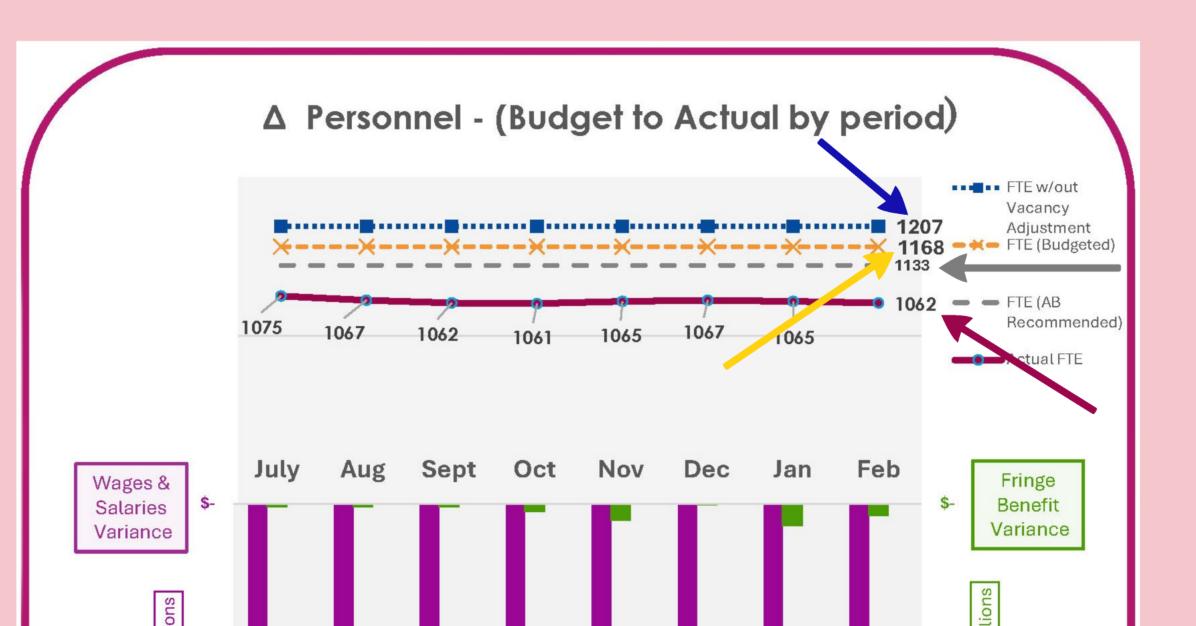


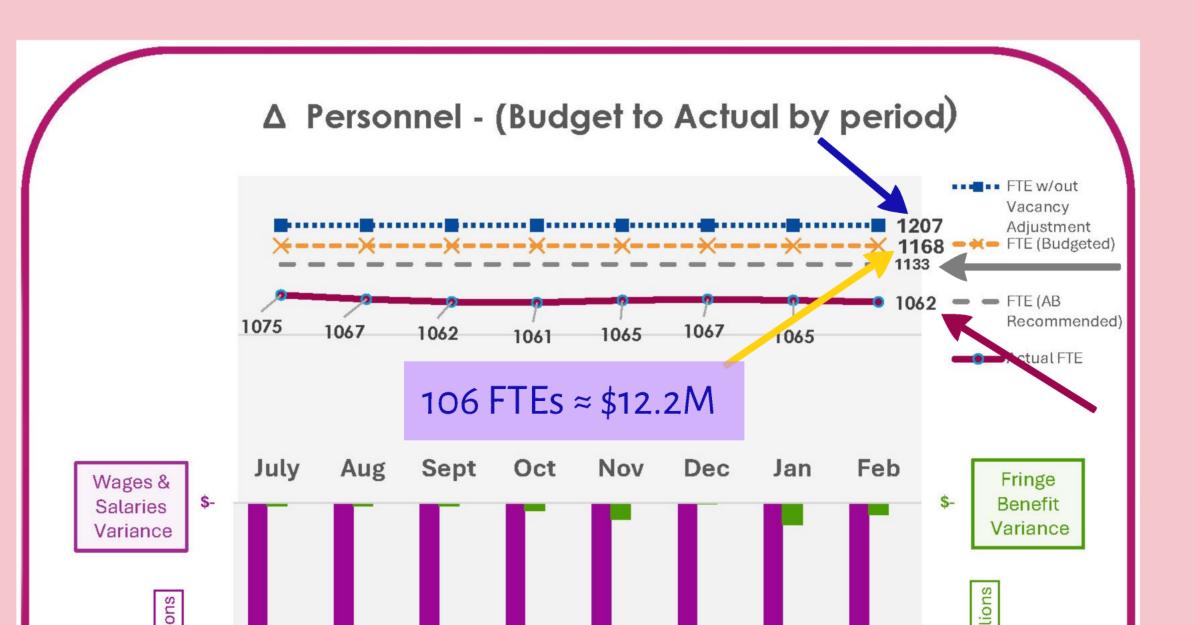




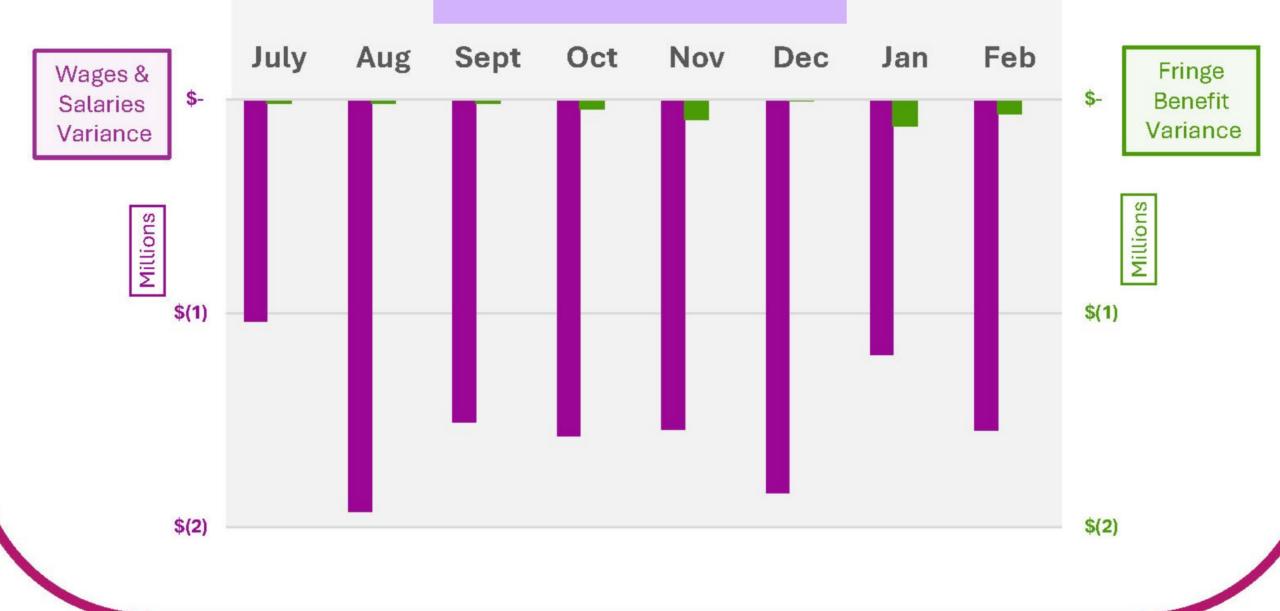


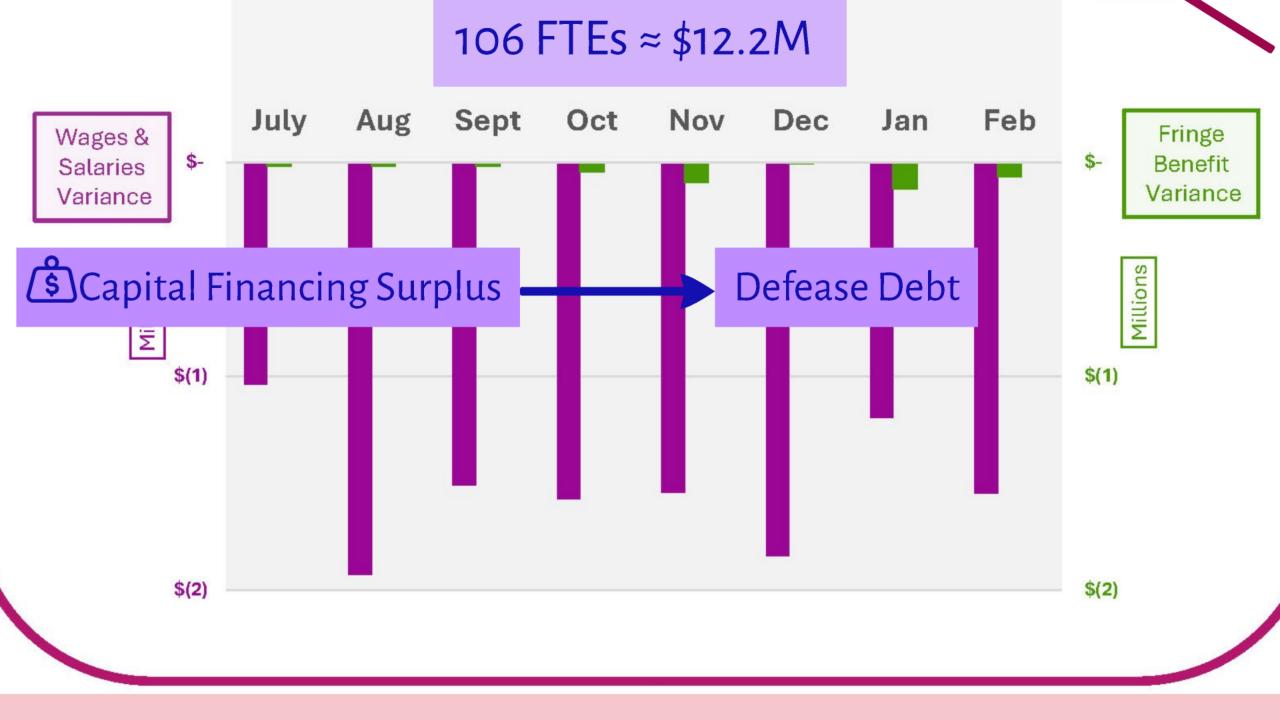


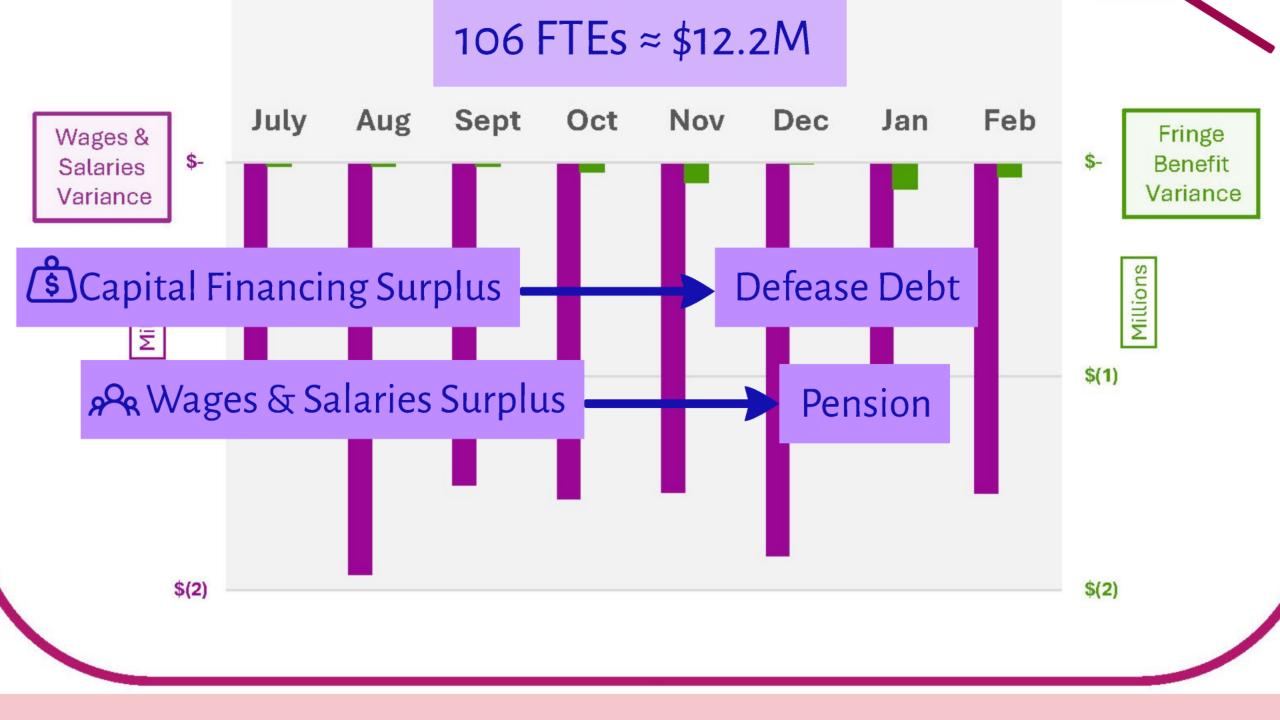


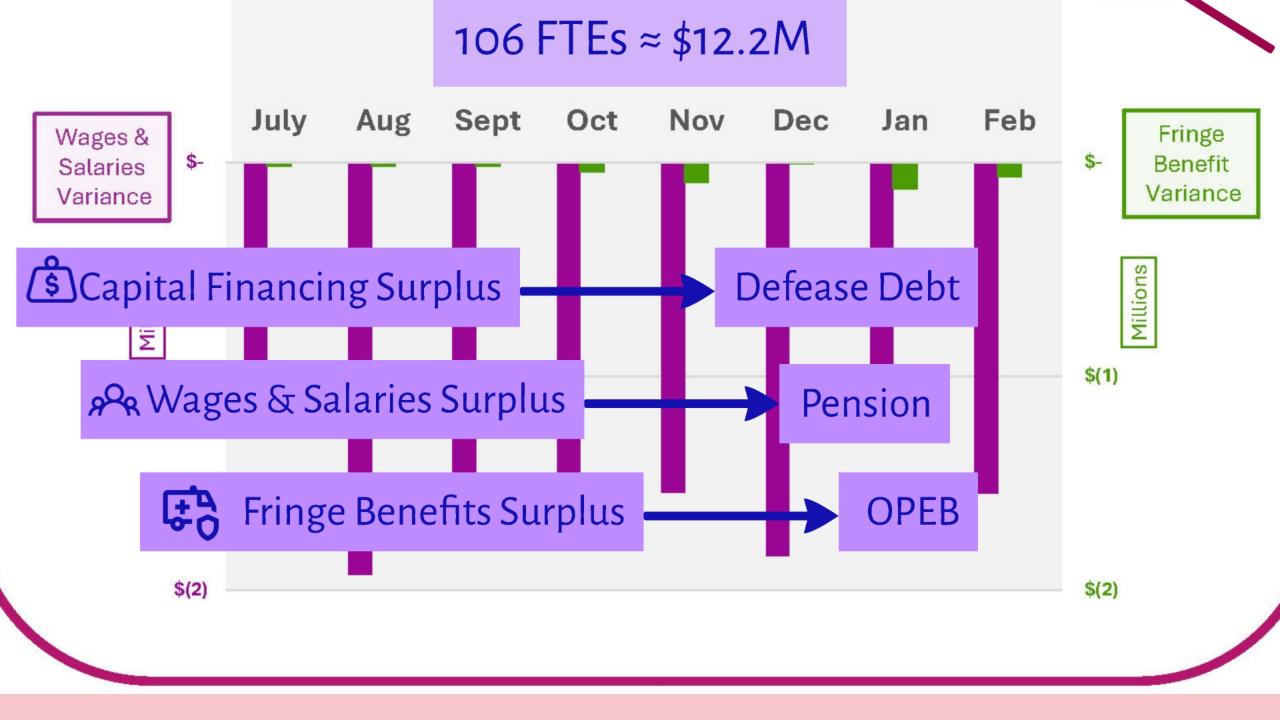


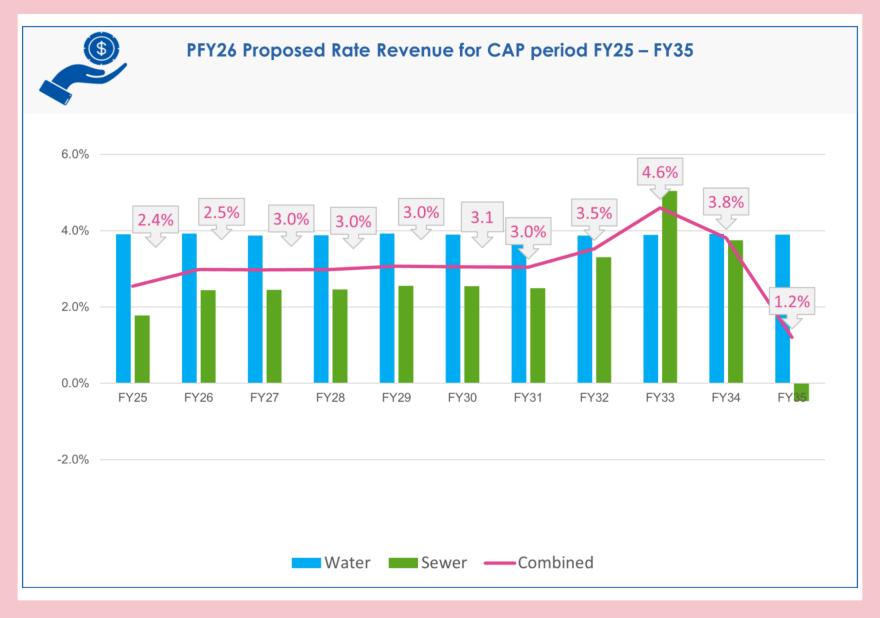
#### 106 FTEs ≈ \$12.2M

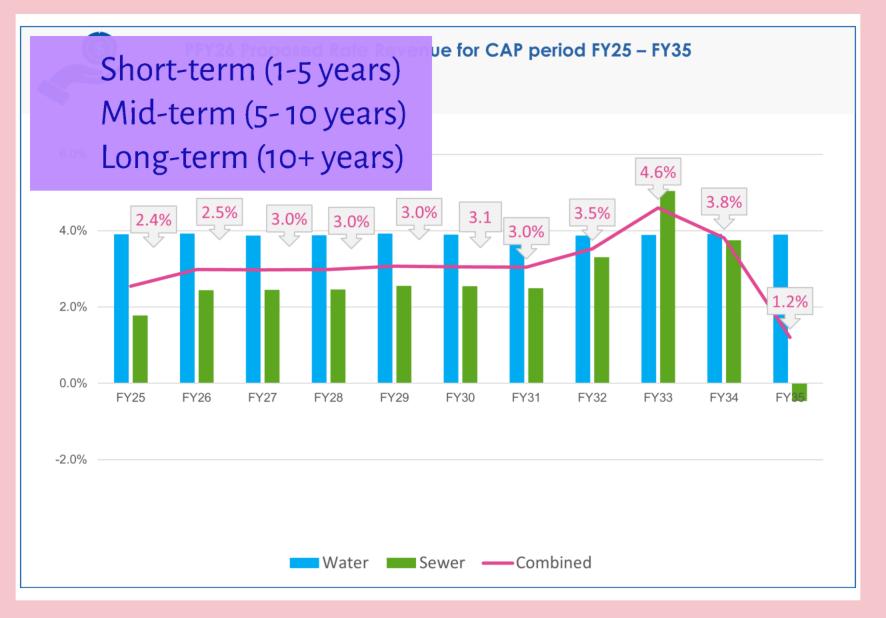


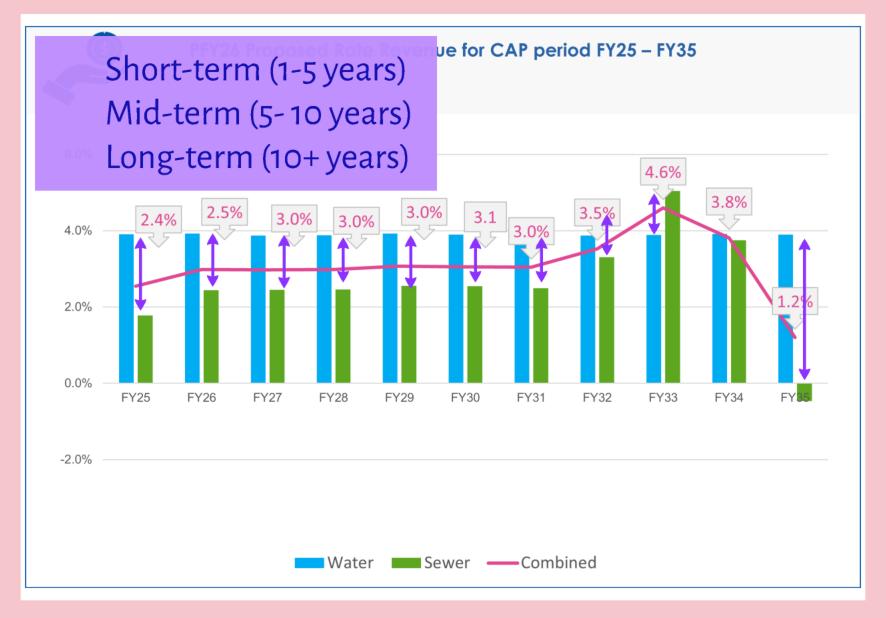




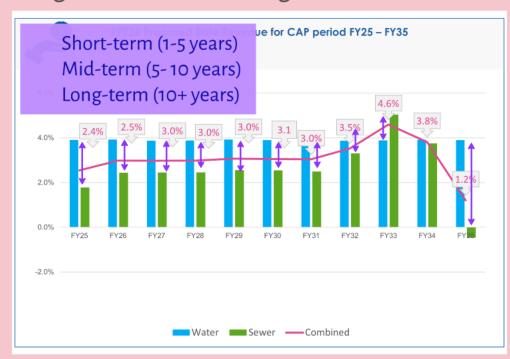


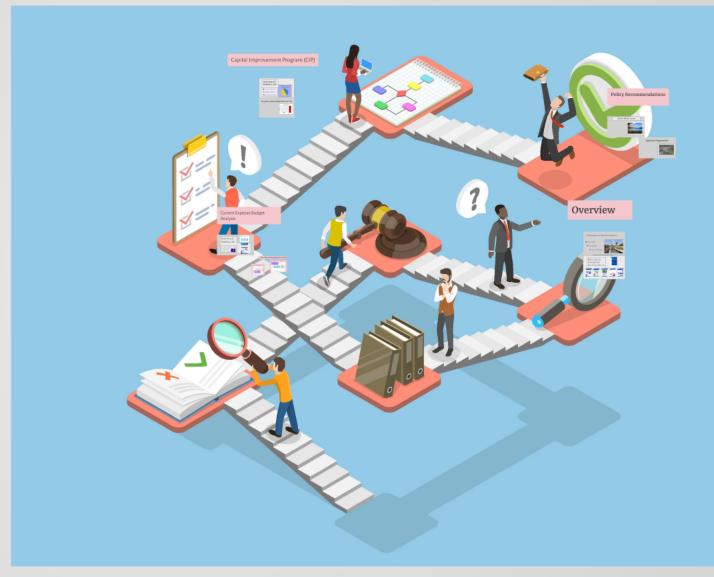




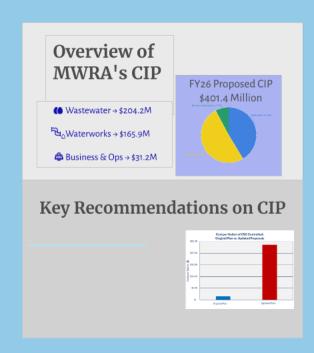


# Vacancy Rate Adjustment A Personnel - (Budget to Actual by period) A Personnel - (Budget to Actual by perio





#### Capital Improvement Program (CIP)





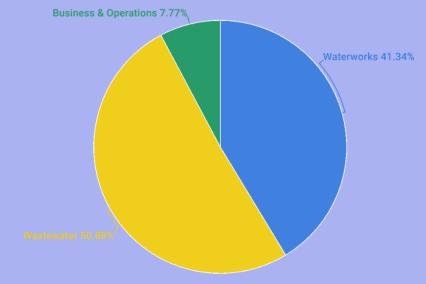
# Overview of MWRA's CIP

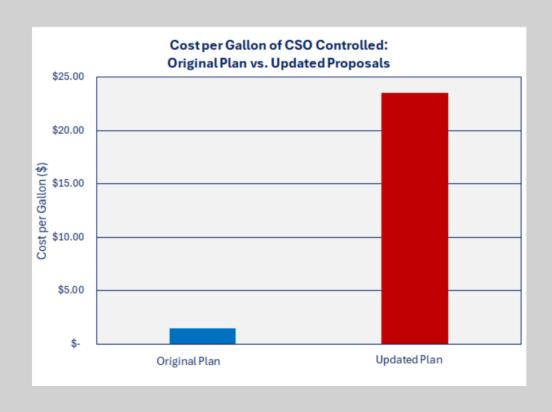
**(a)** Wastewater  $\rightarrow$  \$204.2M

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Waterworks → \$165.9M

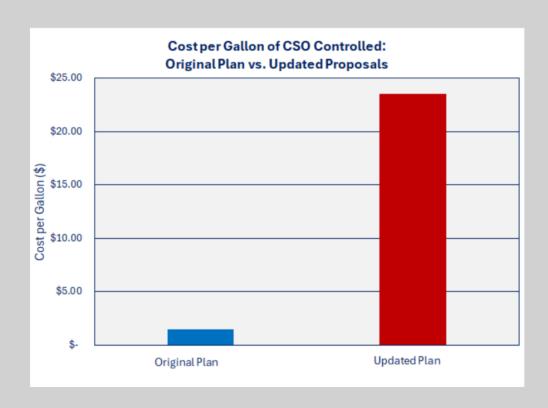
**△** Business & Ops → \$31.2M





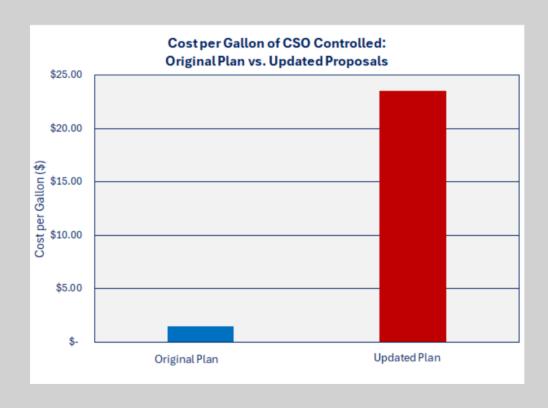


Original CSO Program > 1 billion gallons



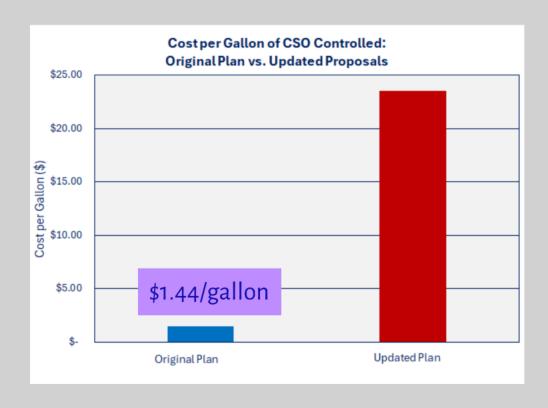
Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)



Original CSO Program > 1 billion gallons

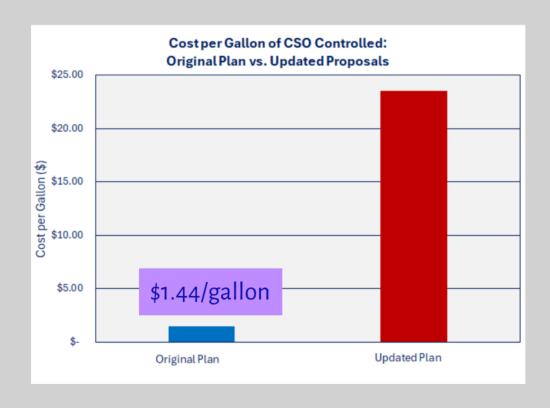
Cost → \$911 Million (\$1.5 Billion adjusted)



Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)

Updated CSO LTCP < 200 million gallons

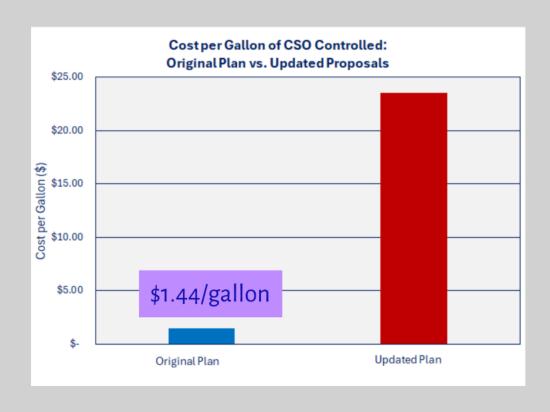


Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)

Updated CSO LTCP < 200 million gallons

Up to \$4.7 Billion

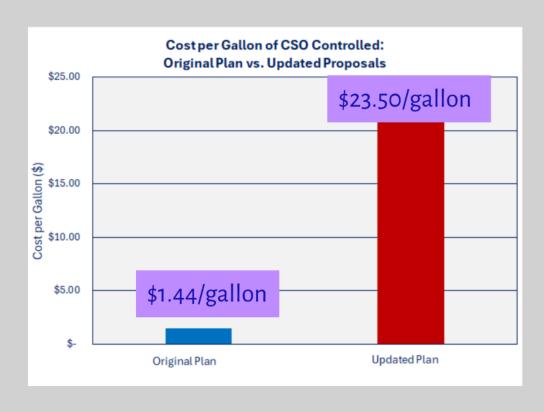


Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)

Updated CSO LTCP < 200 million gallons

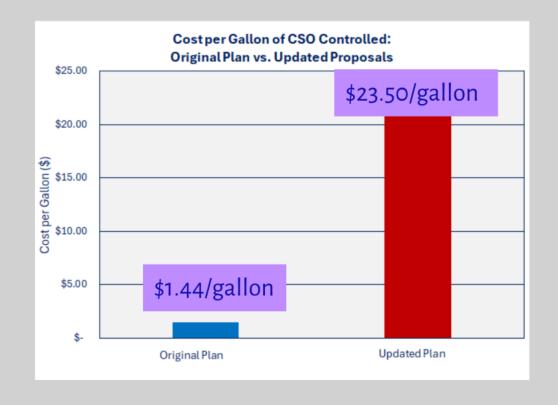
Up to \$4.7 Billion



Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)

Updated CSO LTCP < 200 million gallons
Up to \$4.7 Billion

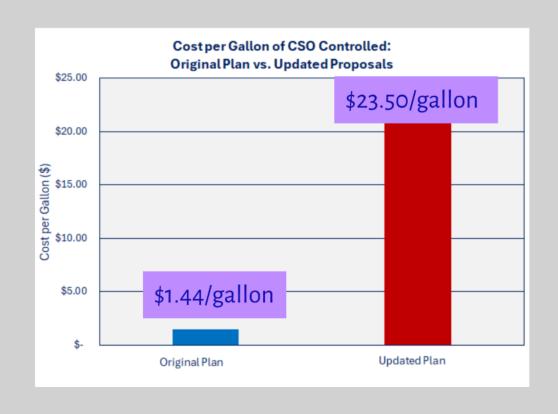




Original CSO Program > 1 billion gallons

Cost → \$911 Million (\$1.5 Billion adjusted)

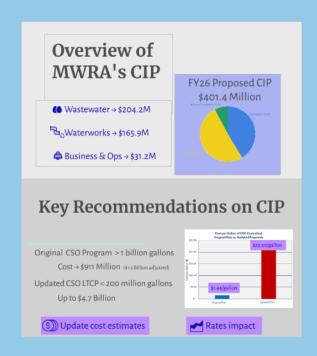
Updated CSO LTCP < 200 million gallons
Up to \$4.7 Billion



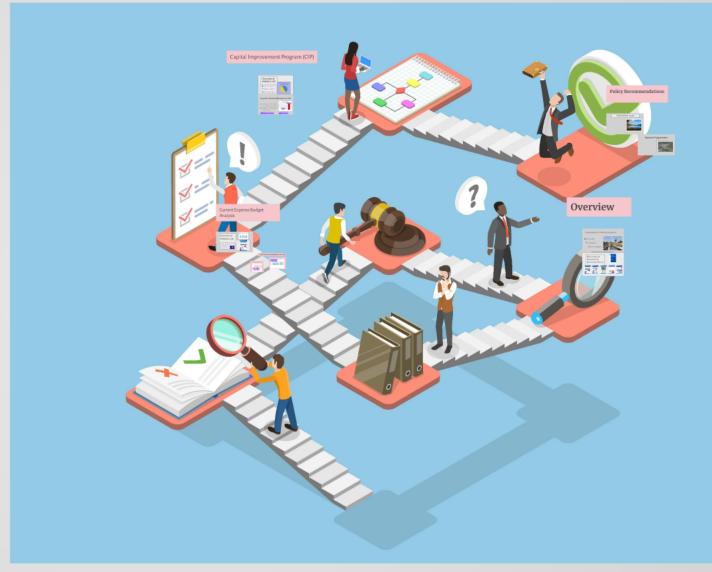
(\$)) Update cost estimates

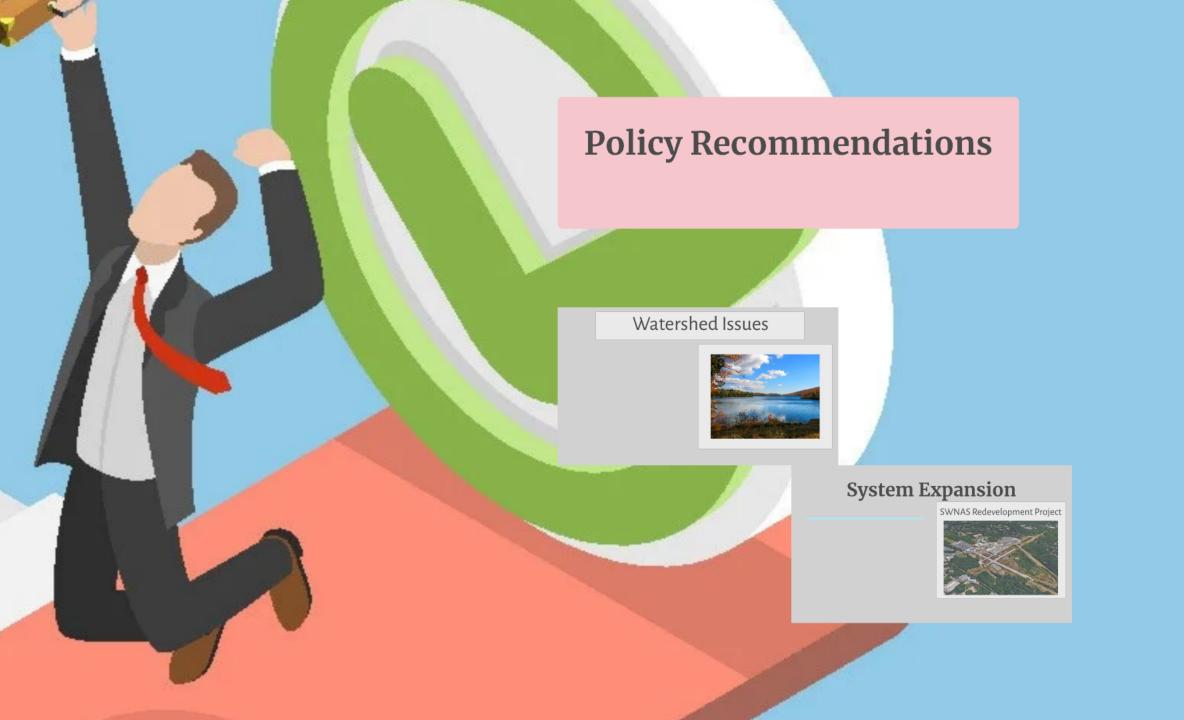


#### Capital Improvement Program (CIP)











Quabbin Equity Legislation







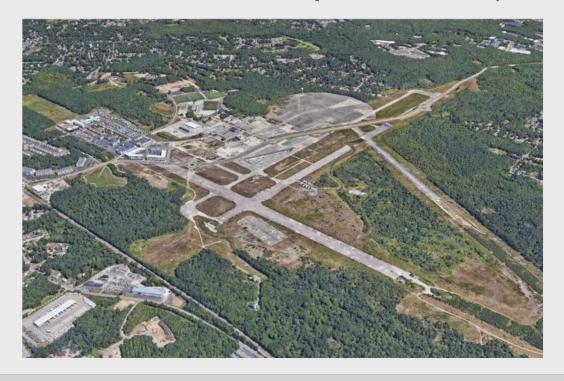














**Barriers** to entry





