

# Water Resources

April 11, 2024

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Seth Weld, Deputy Director – Water Enterprise Services

Fiscal Year 2024/25

To provide superior water and  
wastewater services to our community

01

Bolstering water portfolio

02

Meeting customer demand

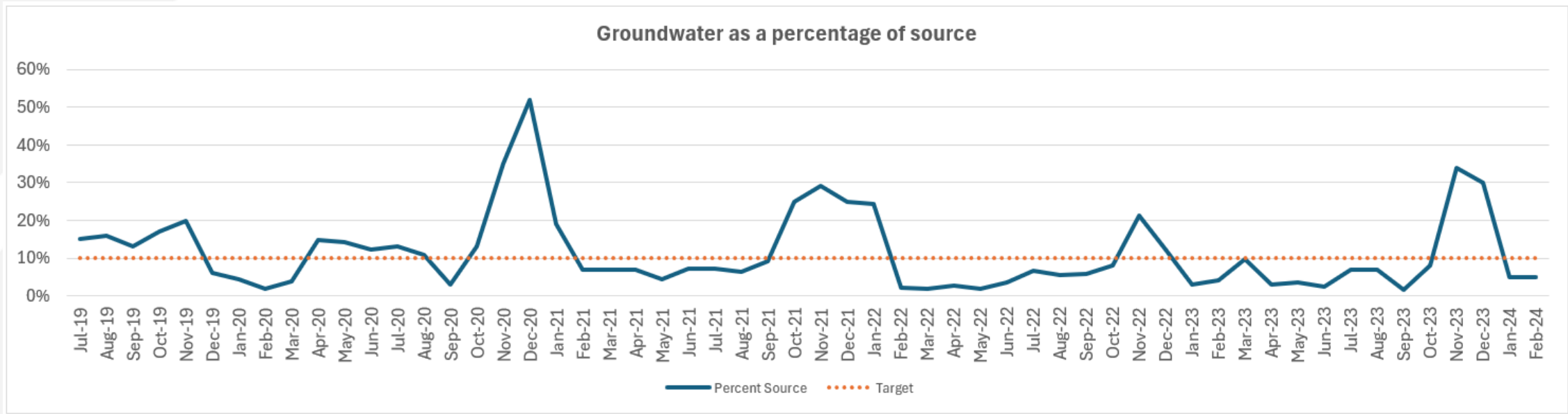
03

Enhancing reliability and improving efficiency

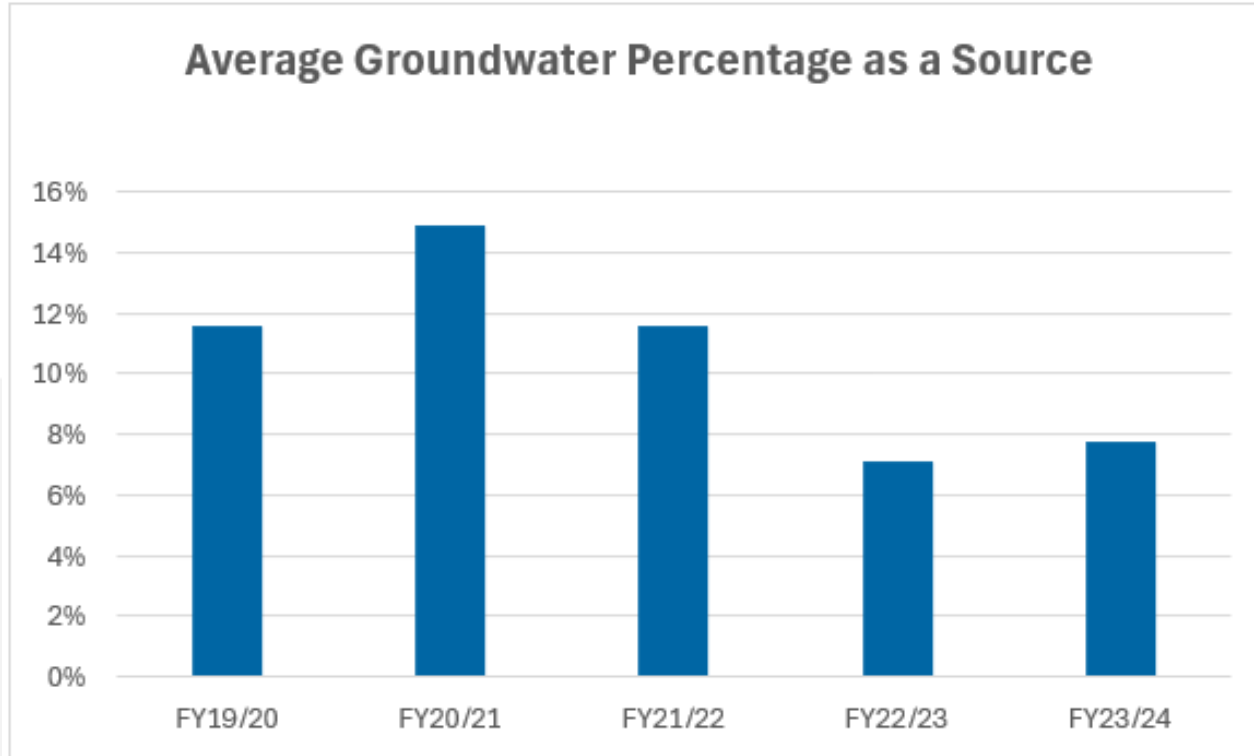
04

Ensure compliance with reclaimed water/air quality regulations

# Performance Measure - Groundwater Pumped



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Community Health & Safety

Percent of reclaimed water put to beneficial use

## 85.44%

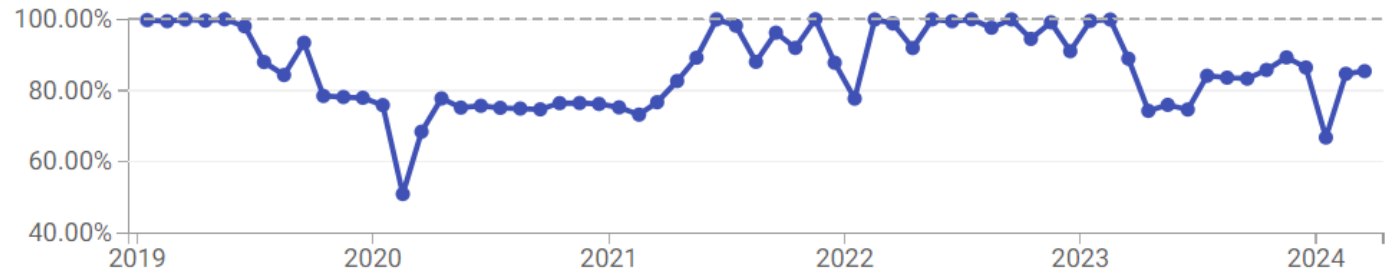
3/1/24 - 3/31/24

**Off Track**

Target 100.00%

[View measure](#)

### Percent of reclaimed water put to beneficial use



# Department Financial Summary



<b>Core Business Processes</b>	<b>FY 22/23 Year End Actuals</b>	<b>FY 23/24 Revised Budget</b>	<b>FY 23/24 Year End Estimate</b>	<b>FY 24/25 Proposed Budget</b>
<b>Water</b>				
Water Distribution	\$32.3	\$37.6	\$38.2	\$39.8
Water Treatment	\$19.4	\$22.8	\$23.8	\$25.0
Reclaimed	\$13.8	\$17.8	\$19.4	\$20.3
<b>Expenditures Total</b>	<b>\$65.5</b>	<b>\$78.2</b>	<b>\$81.4</b>	<b>\$85.1</b>

*Figures in millions, rounded*

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<b>Core Business Processes</b>	<b>FY 22/23 Year End Actuals</b>	<b>FY 23/24 Revised Budget</b>	<b>FY 23/24 Year End Estimate</b>	<b>FY 24/25 Proposed Budget</b>
<b>Wastewater</b>				
Wastewater Collection	\$5.9	\$6.6	\$7.3	\$7.6
Wastewater Treatment	\$25.9	\$35.5	\$32.8	\$36.2
<b>Expenditures Total</b>	<b>\$31.8</b>	<b>\$42.1</b>	<b>\$40.1</b>	<b>\$43.8</b>

*Figures in millions, rounded*



# FY 24/25 Standard Baseline Summary



Standard Baseline	FY 23/24	FY 24/25	Variance
Val Vista WTP Obligation	\$ 10,300,000	\$ 11,700,000	\$ 1,400,000
Water Chemicals	\$ 2,190,000	\$ 2,190,000	\$ -
Water Electric	\$ 4,472,100	\$ 4,846,728	\$ 374,628
Water Purchases	\$ 17,436,657	\$ 19,744,354	\$ 2,307,697
SROG (91st Ave WRP) Obligation	\$ 9,250,000	\$ 9,630,000	\$ 380,000
Wastewater Chemicals	\$ 5,427,700	\$ 6,610,014	\$ 1,182,314
Wastewater Electric	\$ 3,983,000	\$ 4,246,177	\$ 263,177
Wastewater Biosolids Removal	\$ 794,560	\$ 916,000	\$ 121,440
Greenfield WRP - Mesa Share <sup>(1)</sup>	\$ 6,687,726	\$ 5,025,273	\$ (1,662,453)
<b>Total</b>	<b>\$ 60,541,743</b>	<b>\$ 64,908,546</b>	<b>\$ 4,366,803</b>

(1) Estimated GWRP Mesa Share. Actuals to be 35% of approved GWRP Joint Venture Budget

# FY 24/25 Budget Adjustments



## Bartlett Dam Modification Feasibility Study

One Time Cost: \$100,000

- Mesa could receive additional water supplies created by modifying the dam
- Waters could be used anywhere in the City to meet increasing demand and reduce dependence on CAP Water

## SRP/CAP Interconnect Facility (SCIF) Technical Review

One Time Cost: \$81,381

- Would allow water stored in SRP reservoirs to be transported through CAP system to water treatment plants

Budget Offset: These water sources are less expensive than CAP Water







## Rebuild Scroll (NWWRP)

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**One Time Cost: \$115,000**

- Rebuild centrifuge thickening scroll due to wear and tear.
- Failure to rebuild this scroll will result in more costly repairs as deterioration continues.
- A compromised scroll would operate at diminished capacity.



Department Priority: Enhancing reliability and improving efficiency





## Warehouse Base Budget Adjustment (Water Distribution)

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**Ongoing Cost: \$380,000**

- Funding increase requested to respond to rising costs of goods.
- Warehouse budget last increased in FY 18/19. Current budget no longer supports purchases needed to make necessary repairs
- Increased budget capacity allows procurement of parts in timely manner and minimizes the interruption of water service to customers



# FY 24/25 Budget Adjustment Summary



Adjustment	FTE	One-Time	Ongoing	Fund
Bartlett Dam Modification Feasibility Study	0	\$ 100,000	\$ -	Special Programs Fund
Salt River CAP Interconnect Facility Technical Review (SCIF)	0	\$ 81,381	\$ -	Special Programs Fund
Scroll Rebuild (NWWRP)	0	\$ 115,000	\$ -	Replacement, Extension & Renewal
Increase Warehouse Base Budget for Water Distribution	0	\$ -	\$ 380,000	Utility - Water
<b>Total</b>	<b>0</b>	<b>\$ 296,381</b>	<b>\$ 380,000</b>	

**April 22<sup>nd</sup> – 25<sup>th</sup>, 2024**



**ARIZONA WATER  
PROFESSIONALS  
APPRECIATION WEEK**



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