



# Water Management Strategy Implementation REPORT



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# First Quarter Summary

The sustainability of Austin's water supply is critical to the City's future.

This is the first quarterly report on implementation of water management strategies in the 2024 Water Conservation and Water Forward Plans. Austin Water has committed to this regular reporting to provide the latest information for stakeholders to understand our progress.

In the first quarter of Calendar Year 2025, Austin Water initiated many bedrock tasks of water management strategies, including this new process of reporting.



# Notes Regarding Data

Quarterly reporting of strategy implementation is a groundbreaking effort undertaken by Austin Water. Several important metrics require both explanation and development. Some metrics will be available in future quarterly reports.

- 💧 **Quarterly Data** – All quarterly data should be considered preliminary and draft, subject to adjustment and revision at the end of the year and included in the annual report.
- 💧 **Historical Data** – Where possible, 2024 quarterly metrics are included for reference with the 2025 first quarter metrics. Not all metrics have historical data.
- 💧 **Yield of Strategies** – Estimated volumetric yields from strategies are included in the Water Conservation Plan (2029 and 2034) and the Water Forward Plan (2030). Austin Water is working to identify the volumetric yields of strategies as they are being implemented and report them in future reporting.

# Water Conservation Updates

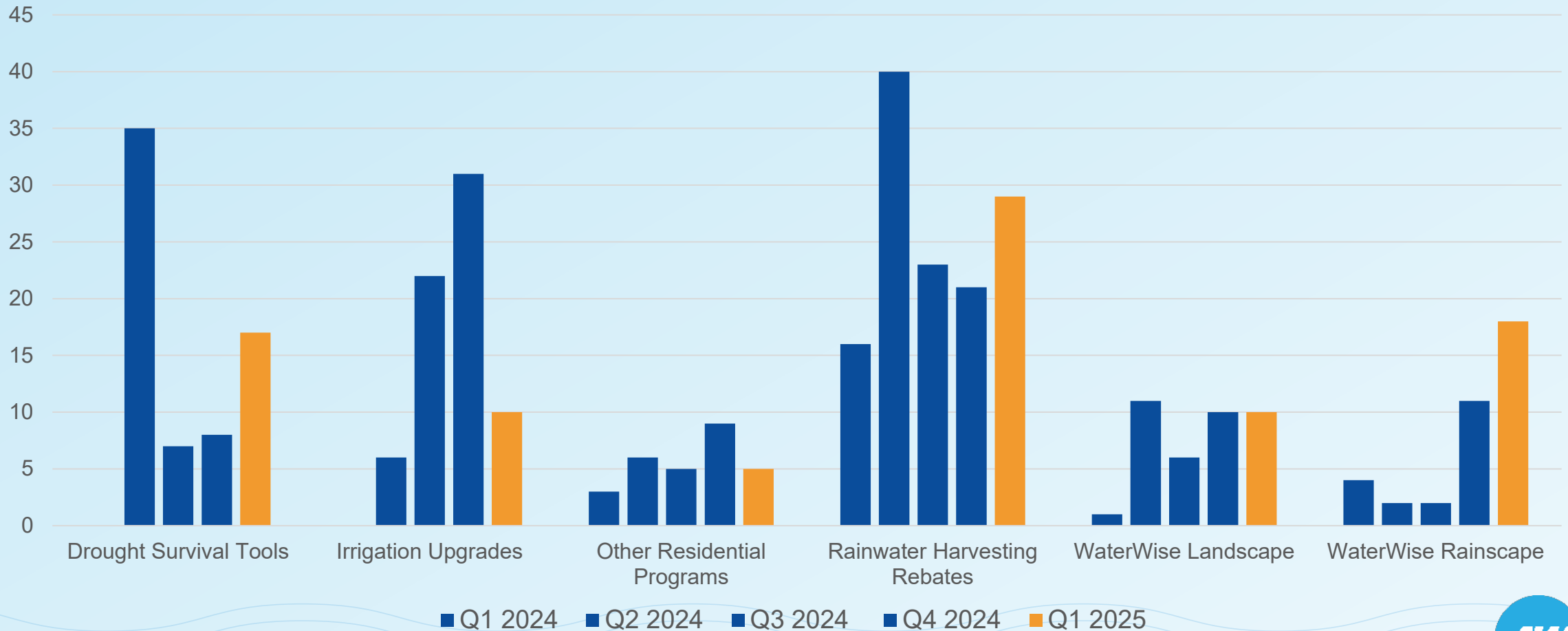
- 💧 New single family residential irrigation inspections started in October 2024
- 💧 3 Commercial/Institutional water audits conducted with pre-approved Bucks for Business applications
- 💧 Commercial water audit training: 2 staff members were certified and local utilities are working to bring the training to Central Texas
- 💧 WaterWise Landscape and Rainscape applications increased by 900% and 350% respectively between Q1 2024 and Q1 2025



# Water Conservation Metrics

## Residential Rebate Programs

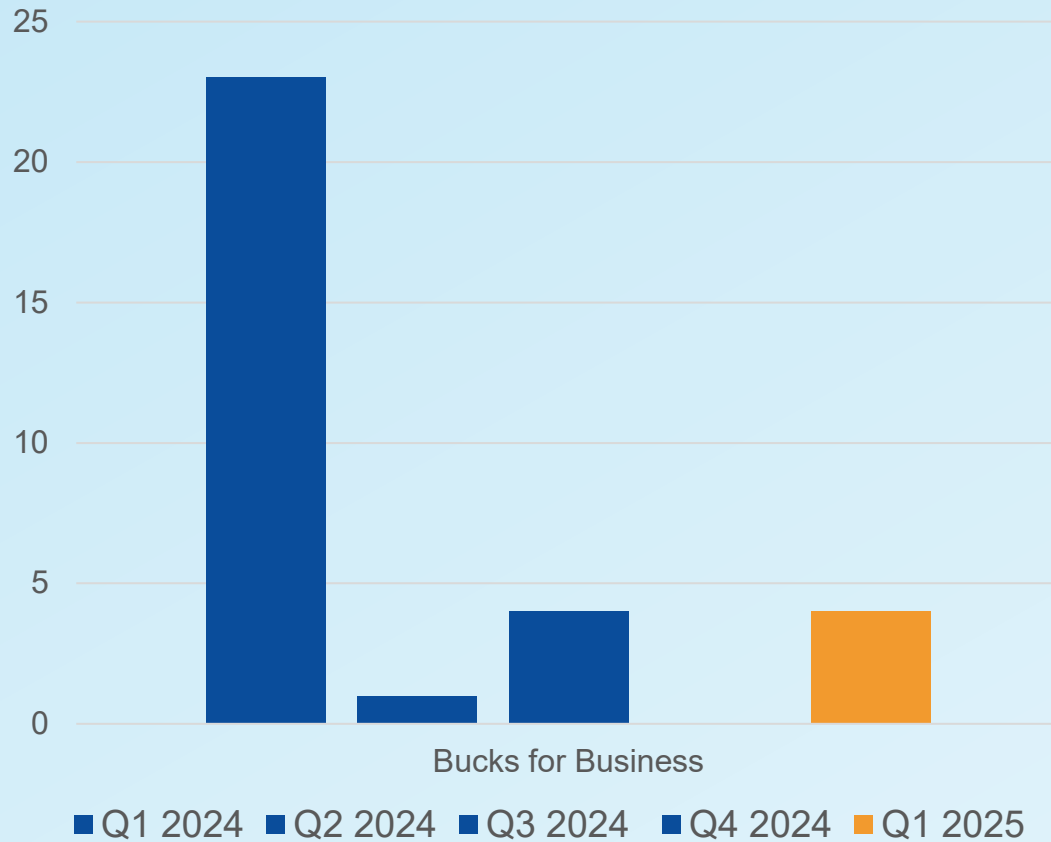
### Approved Rebates



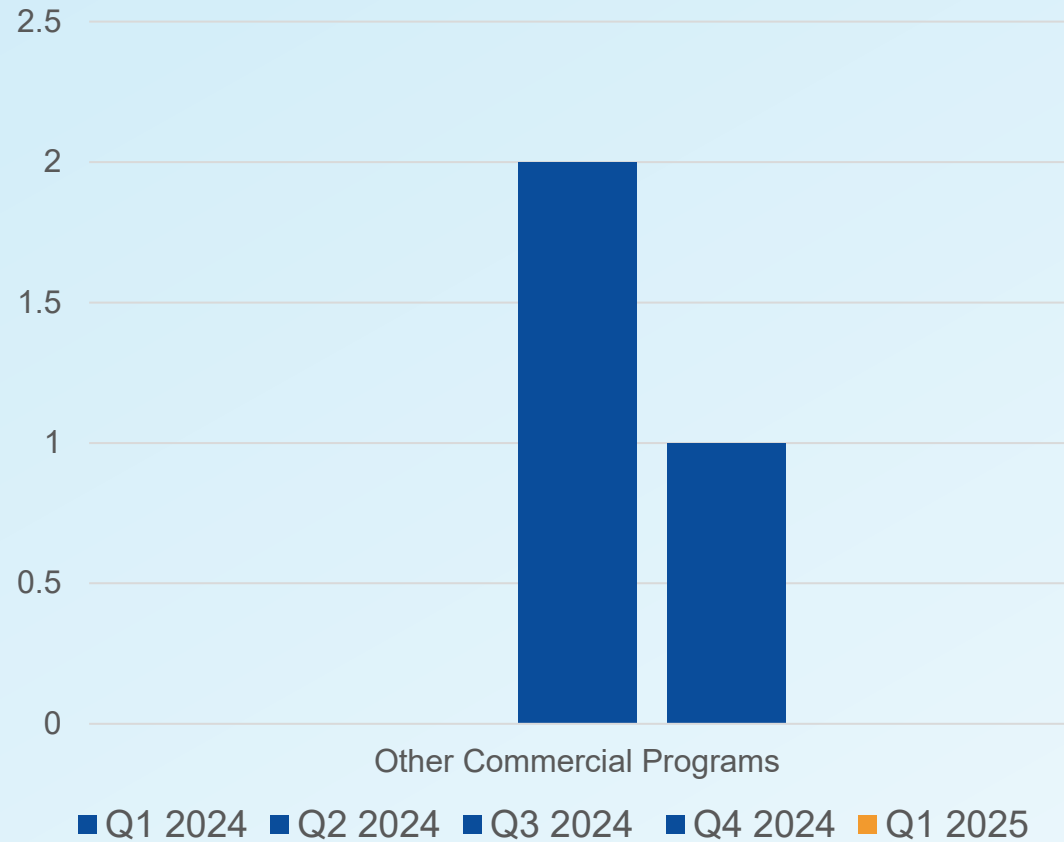
# Water Conservation Metrics

## Commercial Rebate Programs

**Approved Rebates**



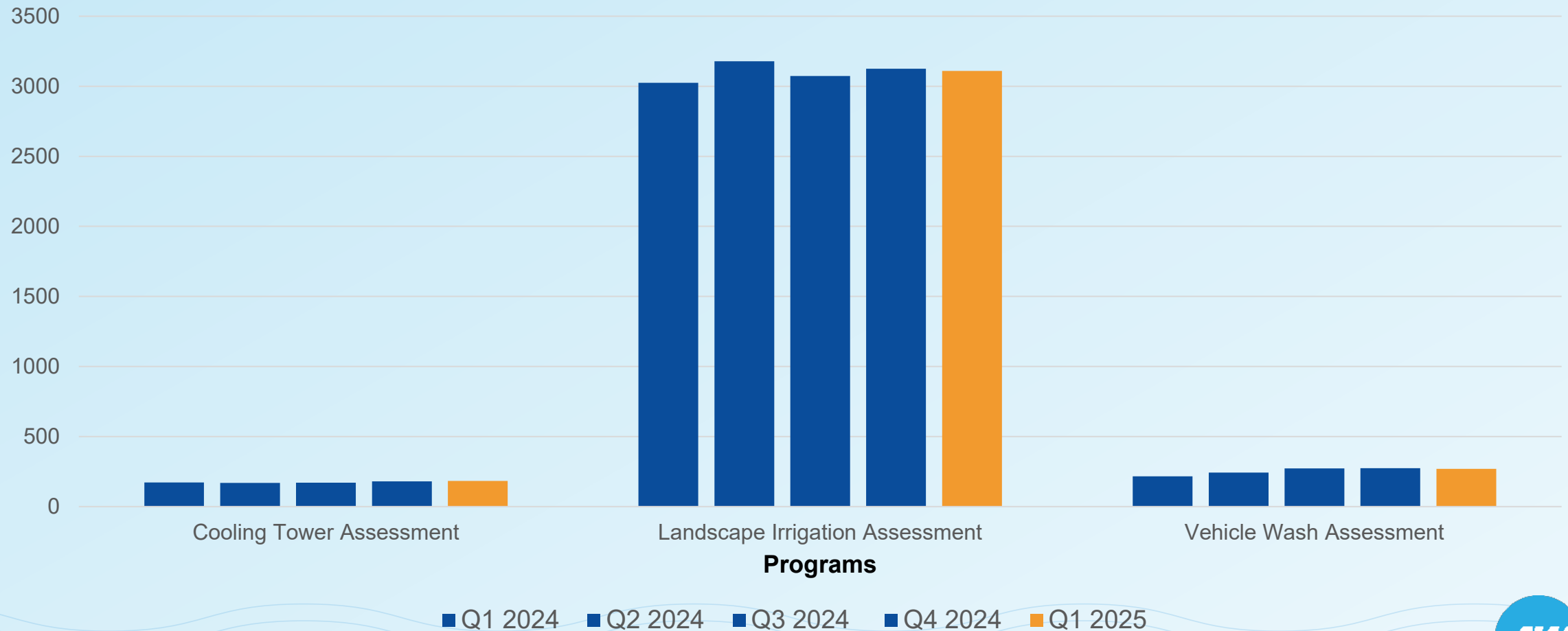
**Approved Rebates**



# Water Conservation Metrics

## Compliance Assessments

### Number of Compliant Commercial Facilities

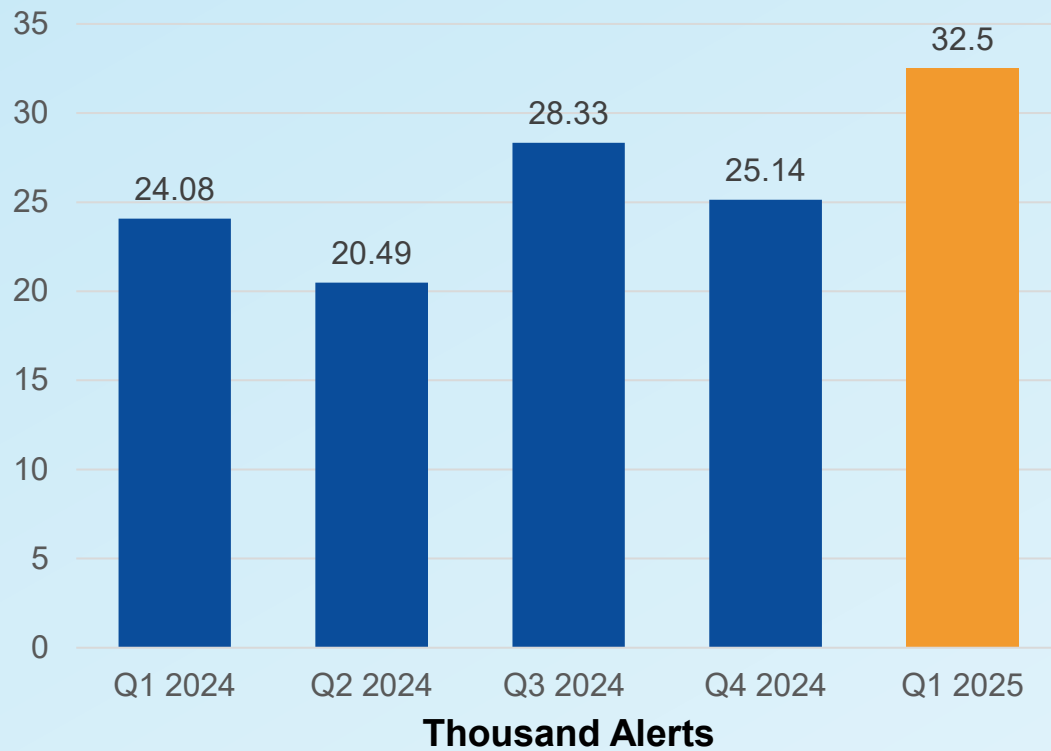




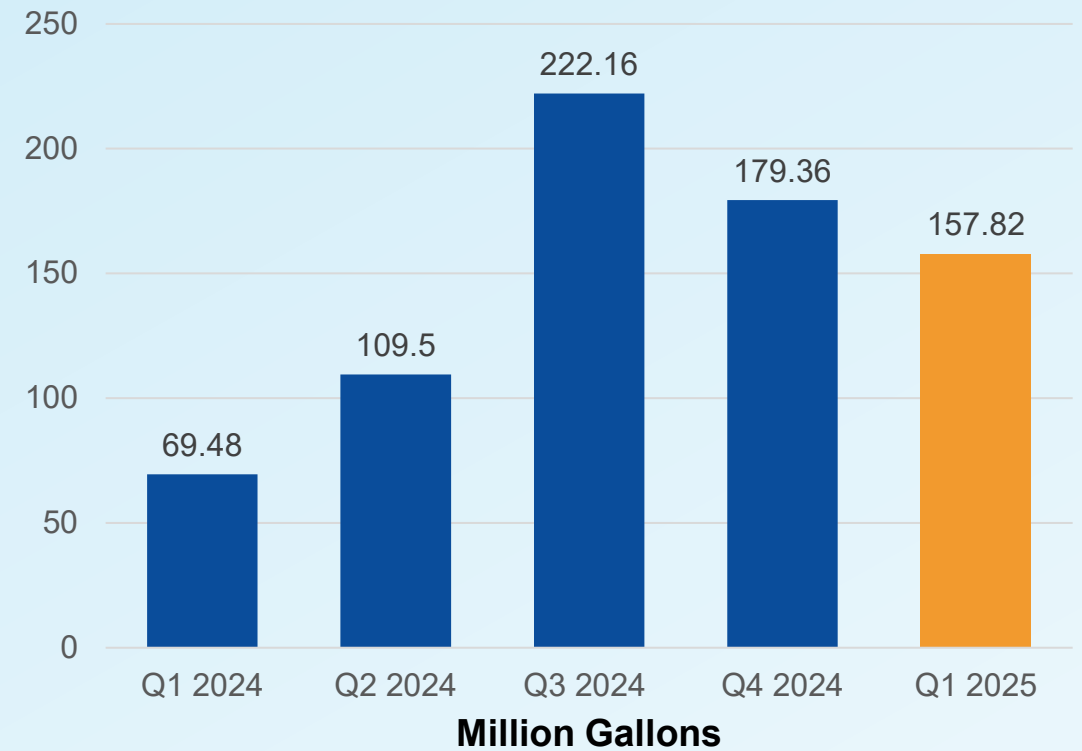
# Water Conservation Metrics

## My ATX Water Portal Leak Alerts



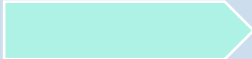
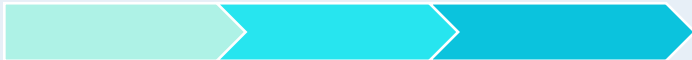
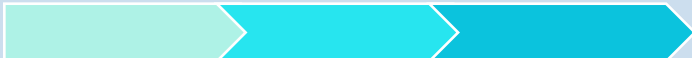
**My ATX Water continuous use (leak) alerts sent to customers**



**Estimated water savings from My ATX Water continuous use alerts**








# Water Conservation Strategy Milestones

2025 Milestones	Progress
<b>Commercial Incentives</b>	
Pilot an increased rebate for commercial water use audits.	
Identify opportunities for CII facility owners/managers to benefit from the My ATX Water alerts and information.	
<b>Landscape transformation</b>	
Coordinate with COA Development Services Department to increase inspections of new-development soil inspections.	
Council adoption and implementation of local amendments to the 2024 Uniform Plumbing Code (pressure-reduction devices, irrigation area, laundry to landscape).	
Austin Water inspection of all new residential irrigation systems and offering new homeowners follow-up checkups.	



# Water Conservation Strategy Milestones

2025 Milestones	Progress
<b>My ATX Water</b>	
Develop data regarding CII customer categorization to assist in benchmarking and the identification of facilities for water conservation outreach.	
Expand My ATX Water reporting to better understand customer engagement through the portal.	
Investigate additional methods to encourage residential customers to use the My ATX Water portal and water-saving alerts.	
Conduct pilot outreach activities to learn the best ways to encourage customers to save water.	
Austin Water will work with the My ATX Water software vendor to develop reporting to identify customers with My ATX Water meters installed who are irrigating outside of the mandatory watering schedule and deliver courtesy notices to those customers. (Council Amendment)	



# Water Loss Reduction Updates

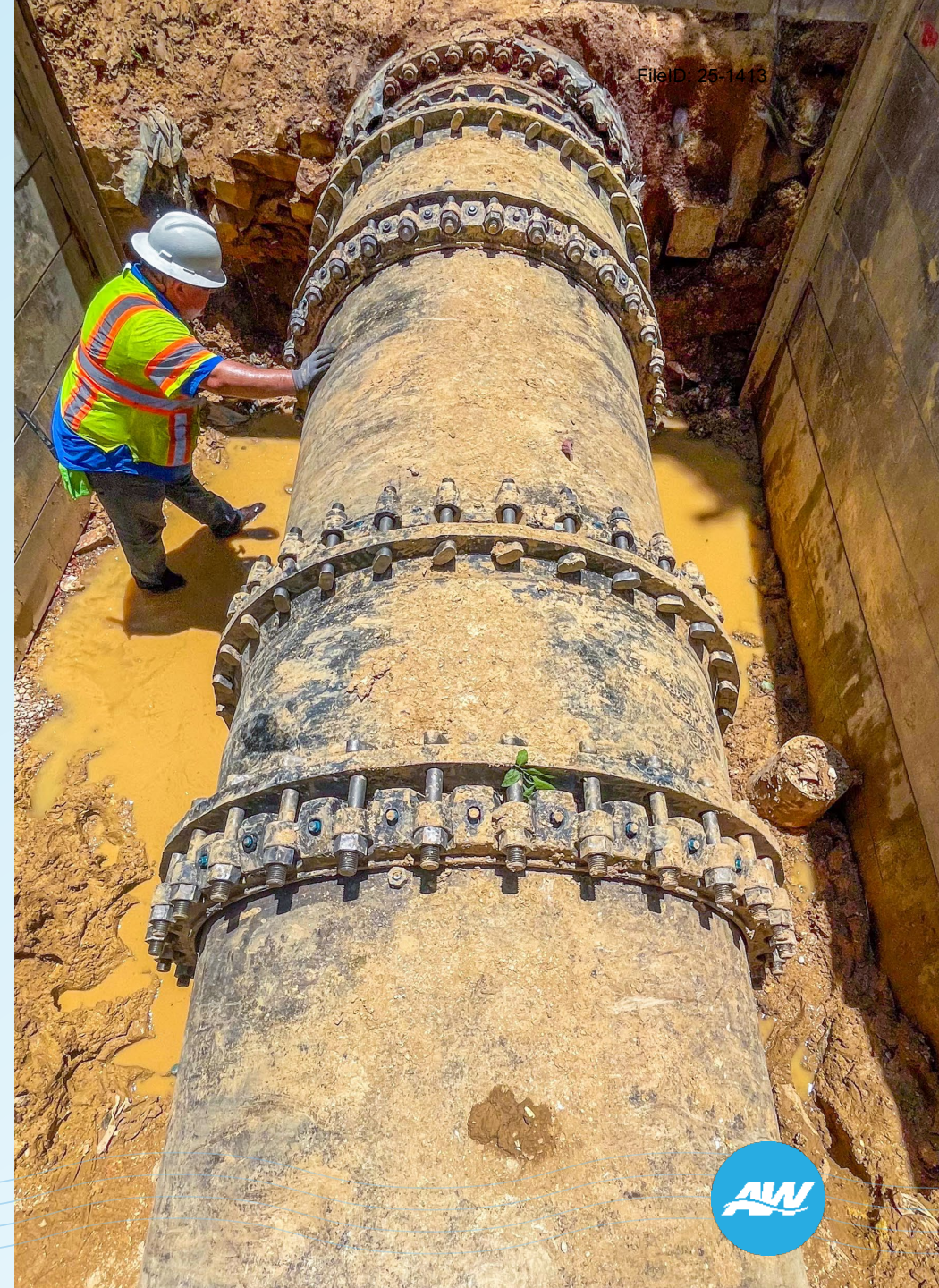
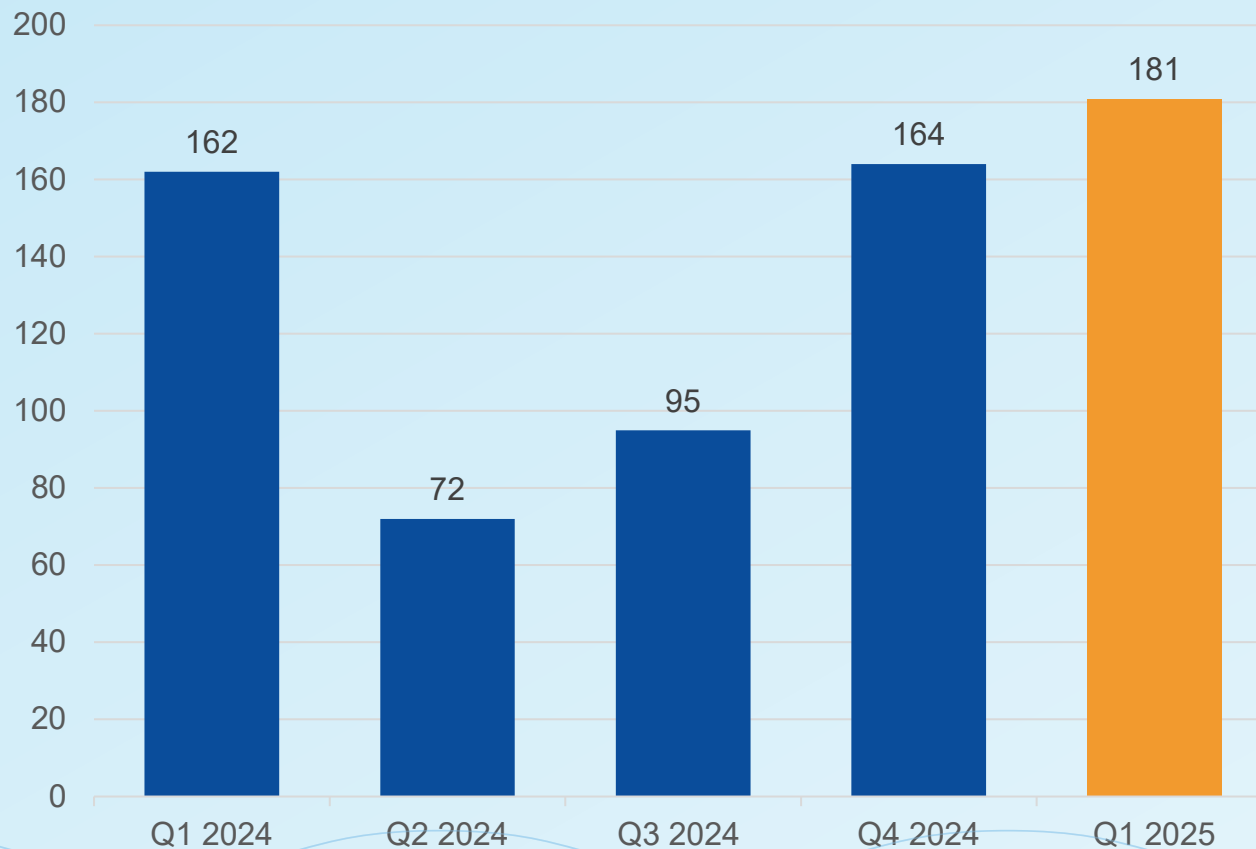
- 💧 AW's Effective Utility Management Water Loss Team meets regularly to implement recommendations from the Black & Veatch Water Loss Report
- 💧 AW's proposed FY26-30 budget include \$18 million for service line replacements
- 💧 The 2024 infrastructure leakage index has been calculated as 5.4, an increase over 4.2 in 2023. This increase can be attributed to: improved water plant metering, updated reporting of municipal water use, and an increase in real losses.





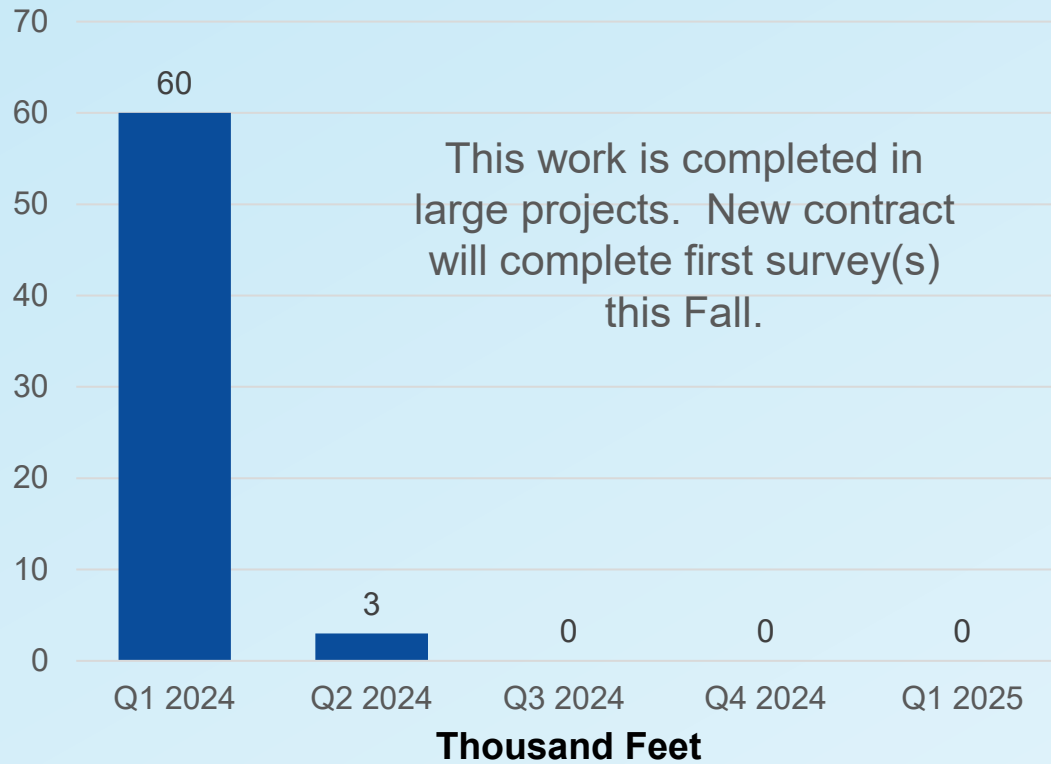
# Water Loss Reduction Metrics

Number of water main leaks

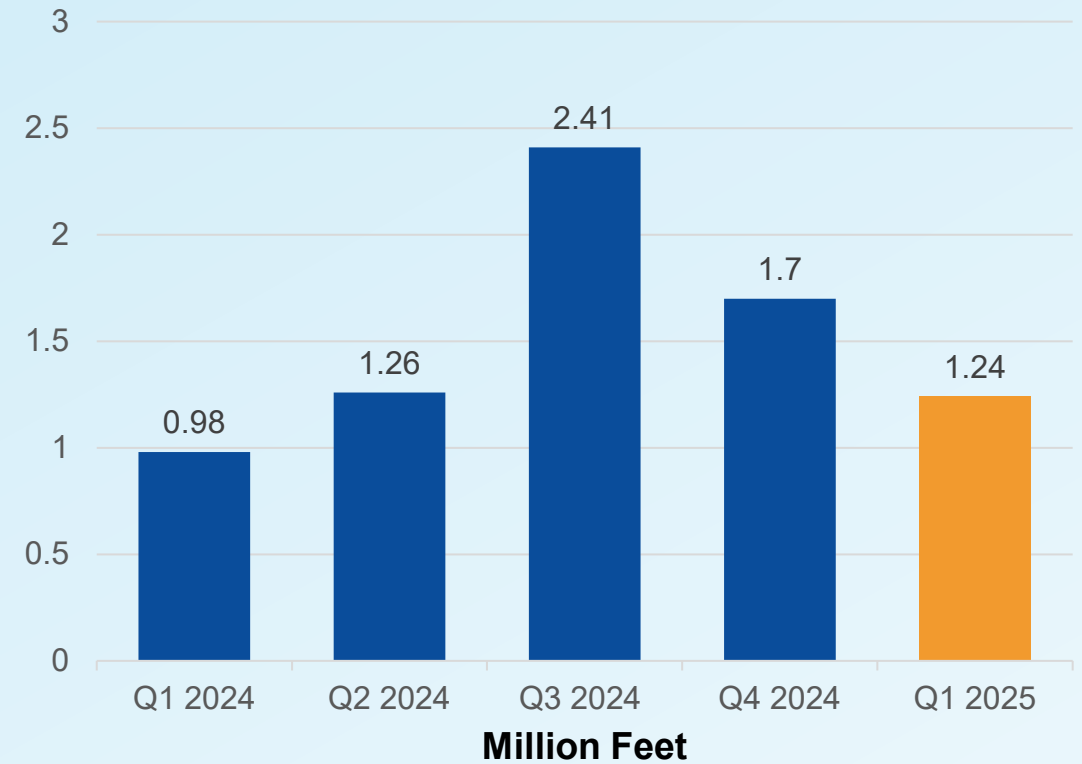


# Water Loss Reduction Metrics

**Linear feet of leak detection performed on large diameter water transmission lines**




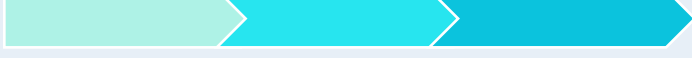


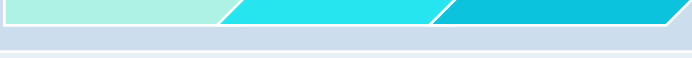
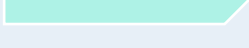


**Linear feet of leak detection performed on small diameter water distribution**





# Water Loss Reduction Strategy Milestones

2025 Milestones	Progress
Launch a cross-functional AW Water Loss Team to implement the recommendations of the water loss report.	
Develop an AW Leak Detection Standard Operating Procedure (SOP) for leak detection practices, data management, and continuous training requirements.	
Develop an AW Production Meter SOP which includes production meter measurement improvement recommendations.	
Update AW Meter Testing SOPs for meter testing, sizing, and replacement.	
Develop an AW Unauthorized Consumption Mitigation SOP.	
Develop an AW Data Handling Errors Mitigation SOP.	
Pilot the implementation of two District Metering Areas (DMAs) to reduce water loss through pressure management.	
Create dashboards to integrate SCADA, AML, pressure monitoring and leak detection data.	



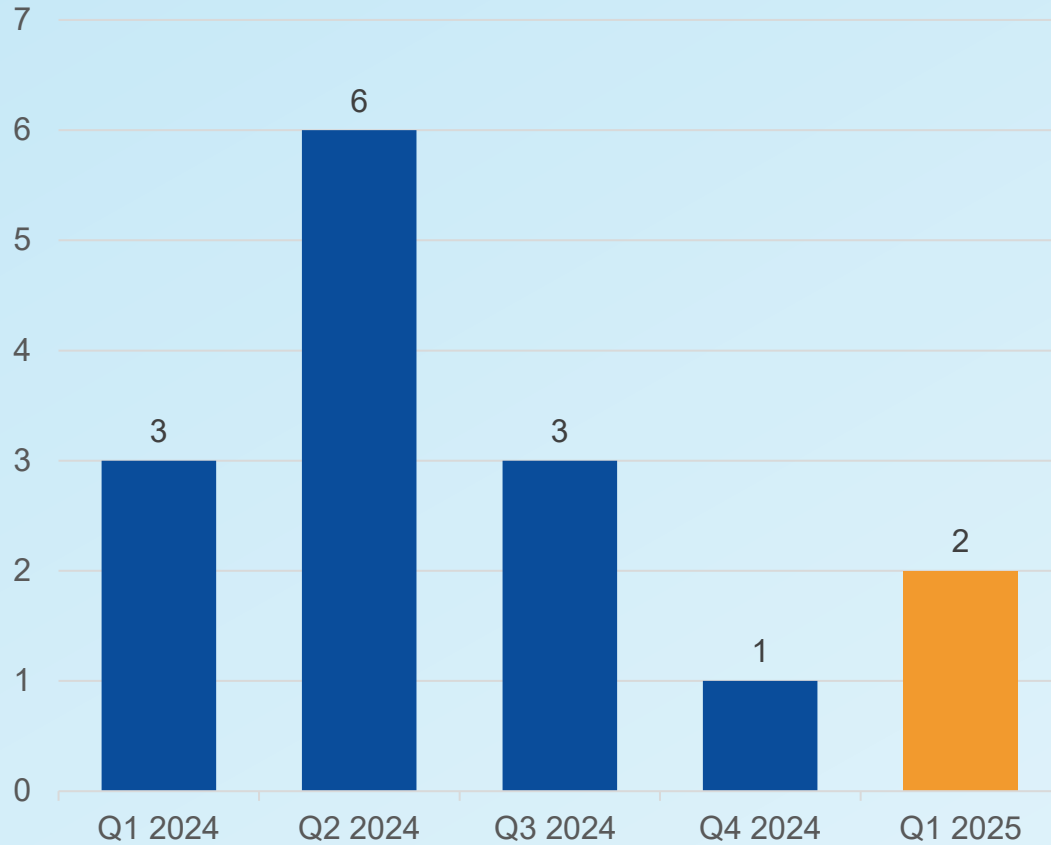
# Reclaimed Water & Onsite Water Reuse Updates

- 💧 Completed feasibility study to fully subsidize the cost of reclaimed connections, onsite water reuse systems, and dual plumbing for deeply affordable housing projects in January 2025
- 💧 Adopted wastewater billing ordinance for onsite water reuse systems in February 2025

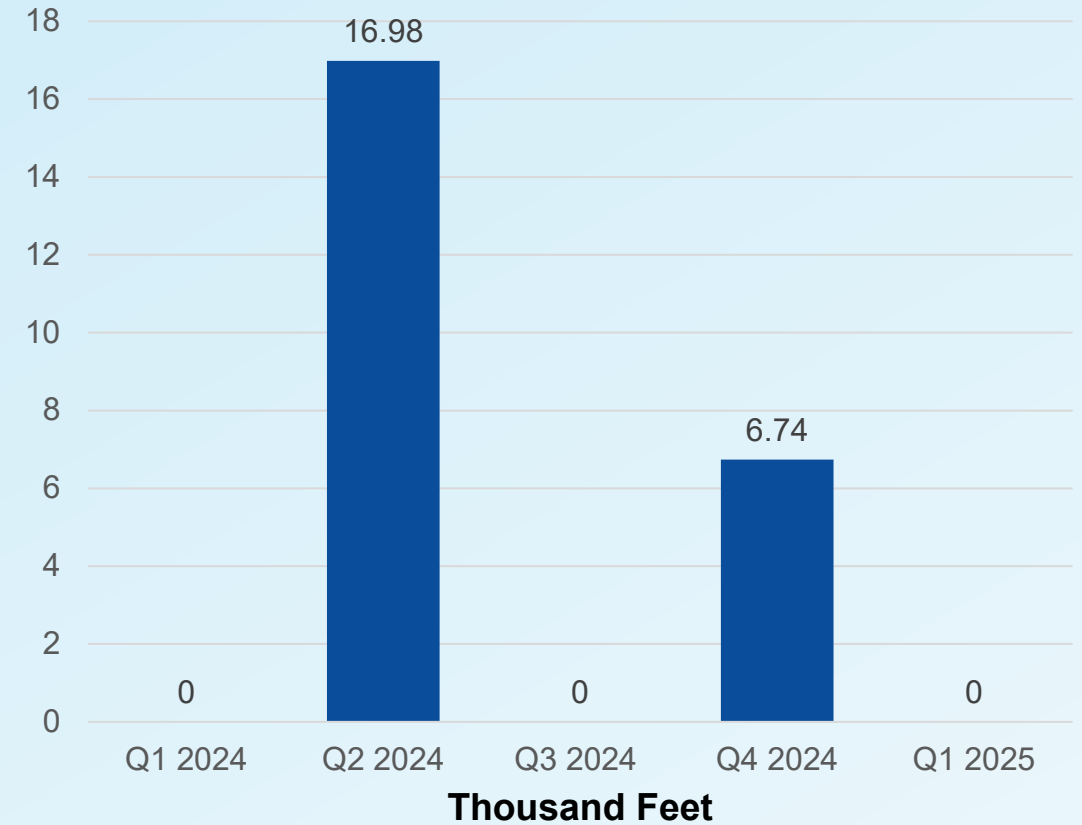


# Reclaimed Water Metrics

## Number of new reclaimed meters

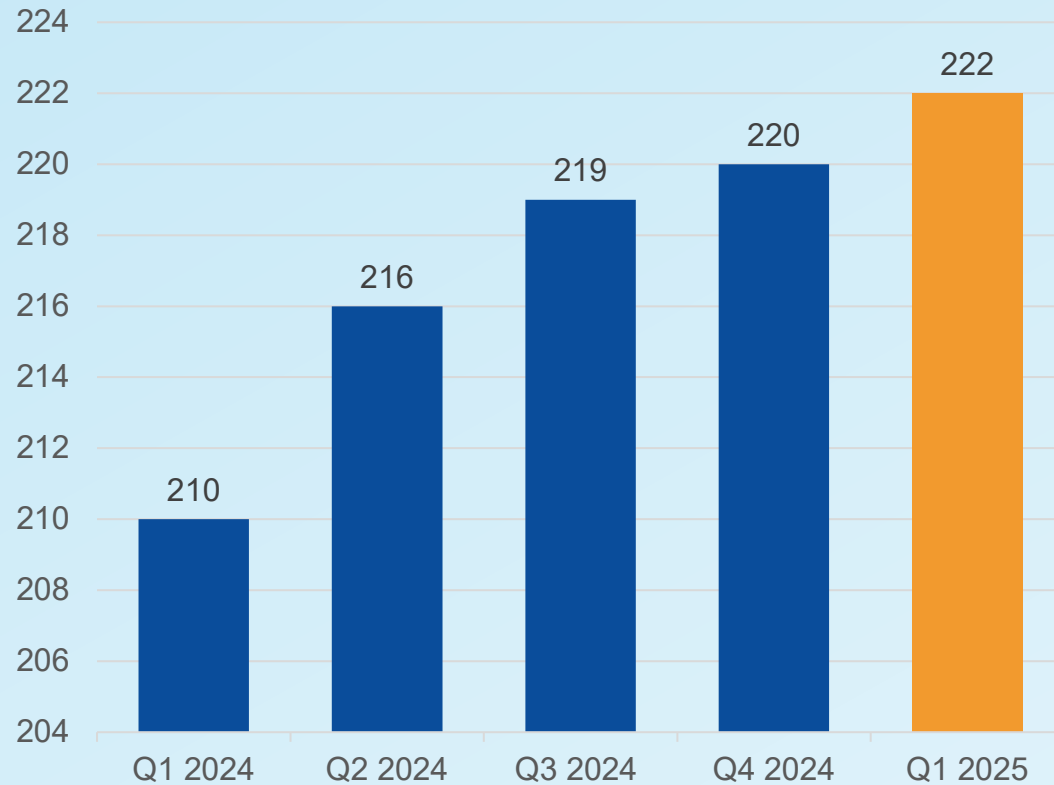


## Additional length of reclaimed water mains/lines

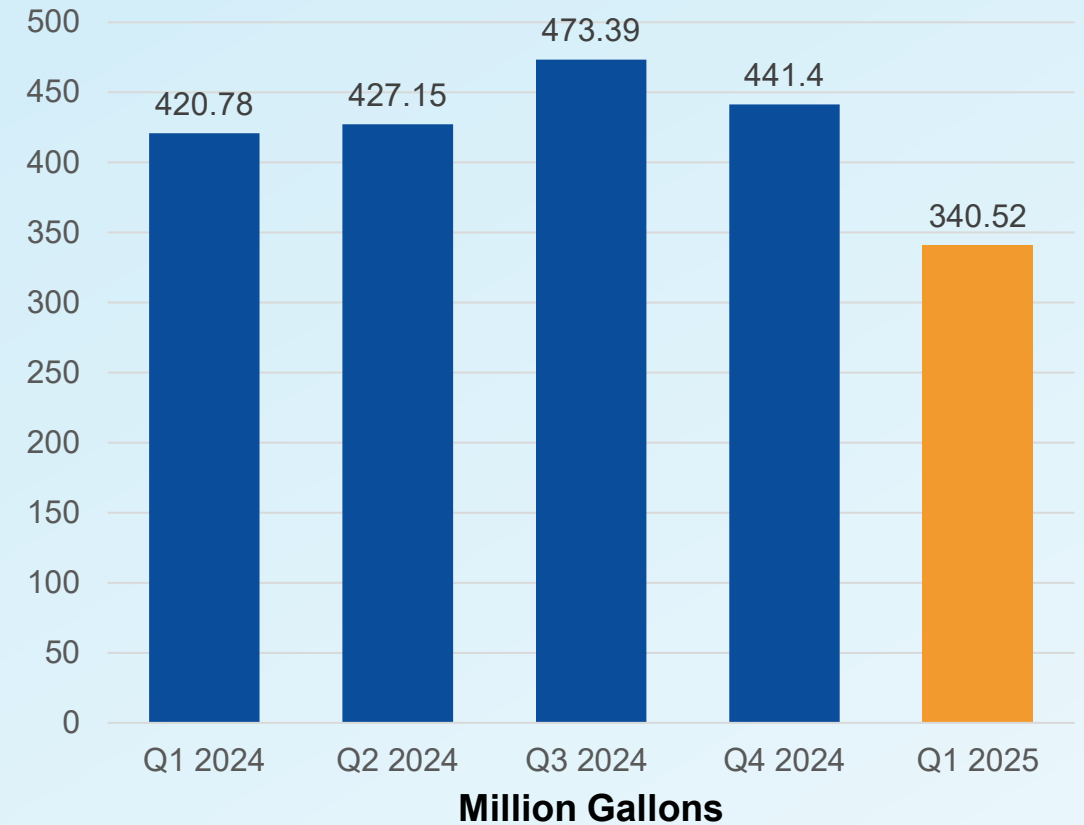


# Reclaimed Water Metrics

**Total number of reclaimed water meters**



**Volume of centralized reclaimed water used**

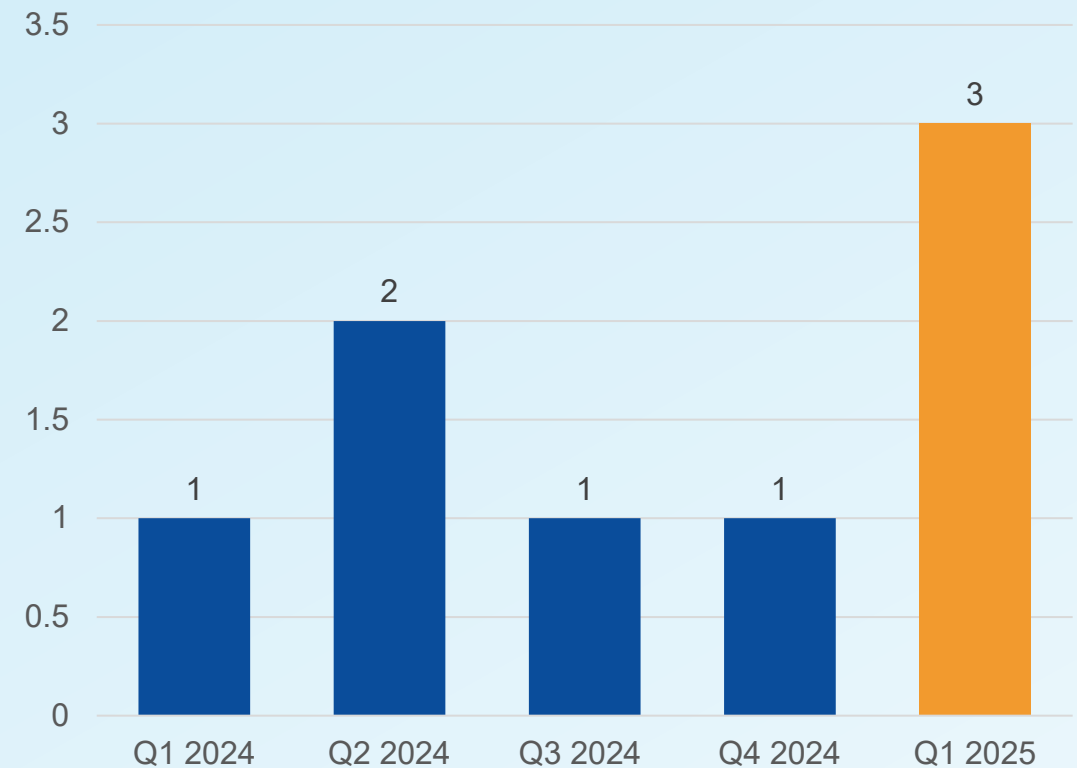


# Onsite Water Reuse and GoPurple Metrics


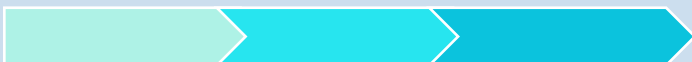
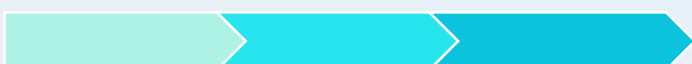


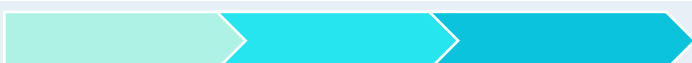
## GoPurple Program Activity in Previous Quarter

- 💧 **Onsite Water Reuse System Incentives**  
0 project(s), 0 in funding, 0 MGY estimated water savings
- 💧 **Reclaimed Main Extension Rebates**  
0 project(s), \$0 in funding, 0 MGY estimated water savings, 0 LF of main extension
- 💧 **Fee in Lieu of Onsite Water Reuse Systems**  
0 reclaimed-ready project(s) approved for fee in lieu

## Onsite water reuse system construction permits approved



# Reclaimed and Onsite Water Reuse Milestones

2025 Milestones	Progress
<b>Centralized Reclaimed</b>	
Implement new projects to increase supply and extend the centralized service area.	
Conduct water benchmarking to identify uses appropriate for reclaimed water and required connections.	
Implement projects to Complete the Core.	
Complete Reclaimed Water Long Range Plan update	
<b>Decentralized Reclaimed</b>	
Collaborate with new developments to identify opportunities for decentralized reclaimed.	
Complete Wastewater Collection System Long Range Plan.	





# Reclaimed and Onsite Water Reuse Milestones

2025 Milestones	Progress
<b>Onsite Water Reuse</b>	
Adopt wastewater billing ordinance for onsite water reuse systems.	
Develop an operator training certification program for onsite reuse systems.	
Amend GoPurple resolution with incentives for deeply affordable housing projects.	
Update utility billing and permitting systems with new metering and billing methodologies for onsite water reuse systems.	
Program new software to track onsite reuse system permit compliance.	



# Conservation Outreach Updates

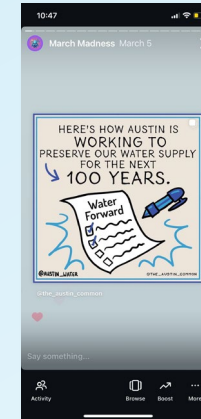


# Conservation Outreach Metrics

Total audience reached with conservation messaging

15,280,000

Impressions



## WaterWise WATER SAVING REBATES

### WaterWise Landscape Rebate

- Austin Water customers who replace a minimum of 200 sq feet of healthy turf grass with native plant beds may be eligible for **\$100** per 100 square feet, up to **\$3,000** in rebates.

### WaterWise Rainscape Rebate

- The Rainscape Rebate Program helps residents install landscape features (berms, terraces, swales, rain gardens, porous pavement, etc.) to keep and beneficially use rainwater on the property. The rebate pays **\$0.50** for every square foot (100 sq. ft. minimum) converted, up to **\$1,500** per property.

### Landscaping Survival Tools Rebates

- By using a combination of mulch, compost and core aeration of your lawn, you will be prepared for the damage that an Austin summer can do to your yard. These techniques will ensure that water stays on your yard, reducing the need for supplemental irrigation.
- Compost: 2 cubic yards or 54 cubic feet Rebate **\$50**
- Mulch: 2 cubic yards or 54 cubic feet Rebate **\$40**
- Core aeration service for entire front and/or back lawn area (equipment rental is acceptable) Rebate **\$30**
- Maximize your rebate by doing all three **\$120**

### Rainwater Harvesting Rebate

- Rebates of **\$0.50** per gallon capacity for non-pressurized systems or **\$1.00** per gallon capacity for pressurized systems up to a maximum rebate of **\$5,000** are available for rainwater harvesting systems.

### Irrigation Upgrade Rebate

- Customers may receive up to **\$1,000** in rebates for making improvements to their existing irrigation systems to increase water efficiency. New irrigation systems and expansions to existing systems are not eligible.

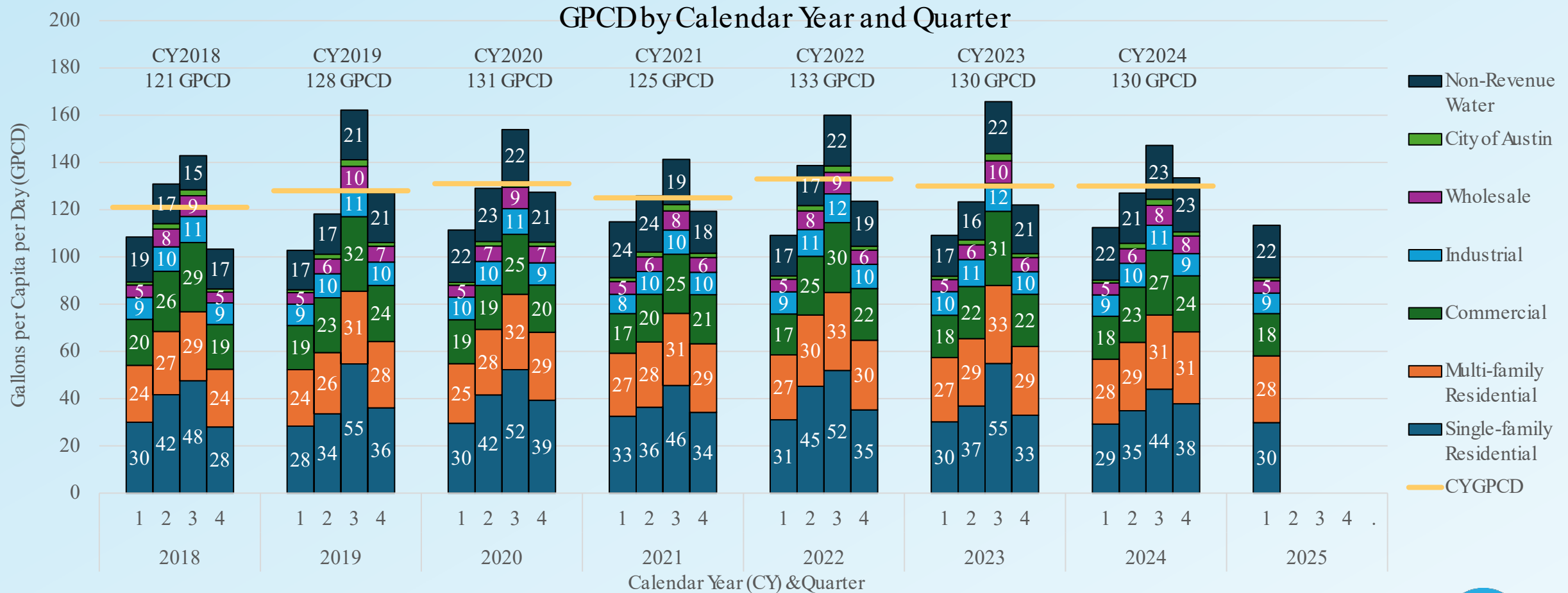
Austin **WATER**  
austinwater.org

Conservation Rebates,  
Tools, Tips, and more



# Water Use and GPCD

## (Gallons Per Capita Daily)



STAGE 1

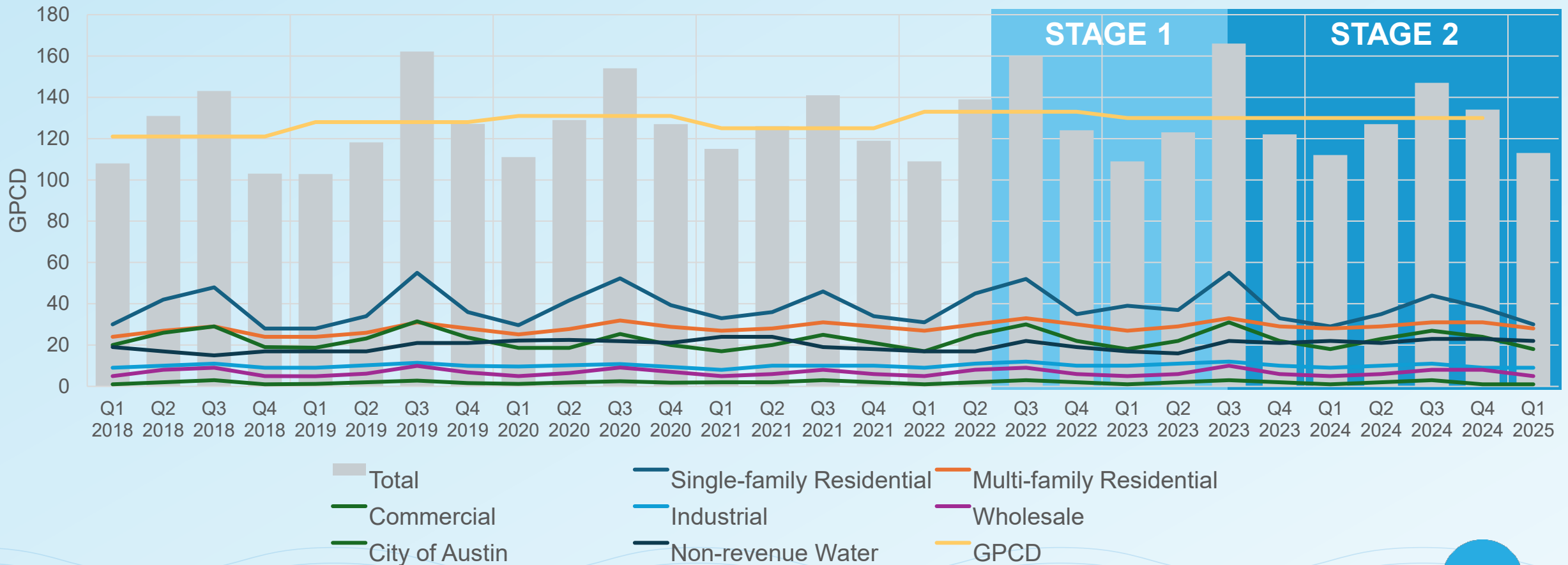
STAGE 2








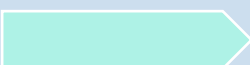


# Water Use and GPCD (Gallons Per Capita Daily)

## GPCD by Calendar Year and Quarter



# Water Supply Strategies

2025 Milestones	Progress
<b>Aquifer Storage and Recovery (ASR)</b>	
Complete Phase 1A desktop analysis to identify favorable ASR locations	
Conduct Phase 1B field testing and make recommendations for ASR pilot project	
<b>Lake Walter E. Long Water Supply Reservoir</b>	
Complete feasibility report to evaluate off-channel reservoir configurations and recommend a preferred configuration	
Begin water quality sampling of Lake Walter E. Long	
<b>Indirect Potable Reuse and Capture Local Inflows to Lady Bird Lake</b>	
Develop IPR schematic design, design criteria, technical specifications, to include development of project configuration and sizing components	
Begin design-build procurement process and, pending Council approval, issue design-build contract	



# Moving Forward

Achieving water sustainability for Austin is a marathon, requiring consistent long-term effort.

Building blocks for implementation of key water management strategies are being laid, and staff will continue to build upon the first quarter efforts.

Quarterly reports will evolve to provide information about how Austin Water and the community are doing to achieve water savings goals.





# Questions

