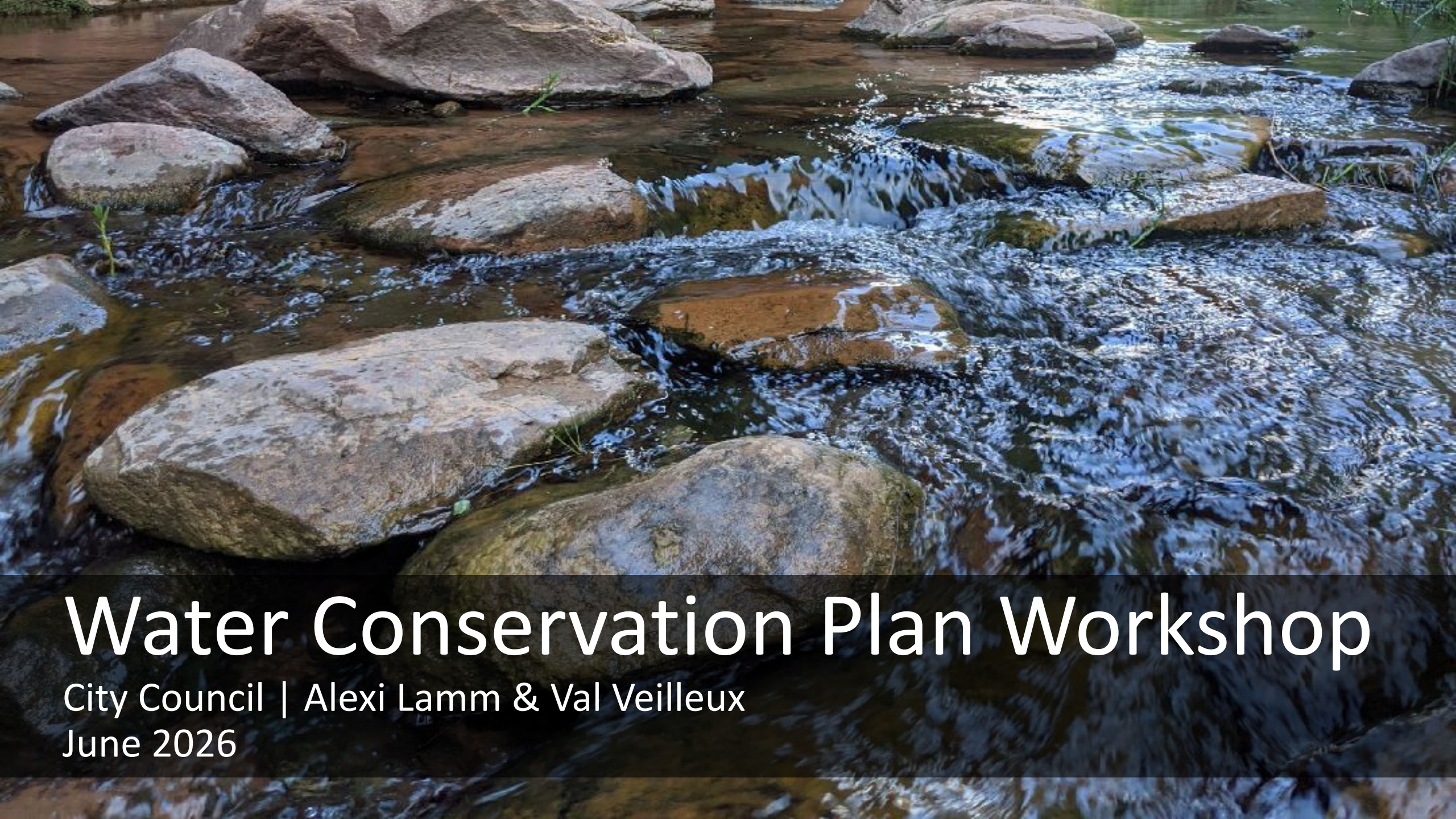




Water Conservation Plan Workshop

City Council | Alexi Lamm & Val Veilleux

June 2026

Water Conservation Plan

State Mandate & Goal

- Required for state water development funding
- Target: 20% reduction in usage (2015–2030)

Report Requirements

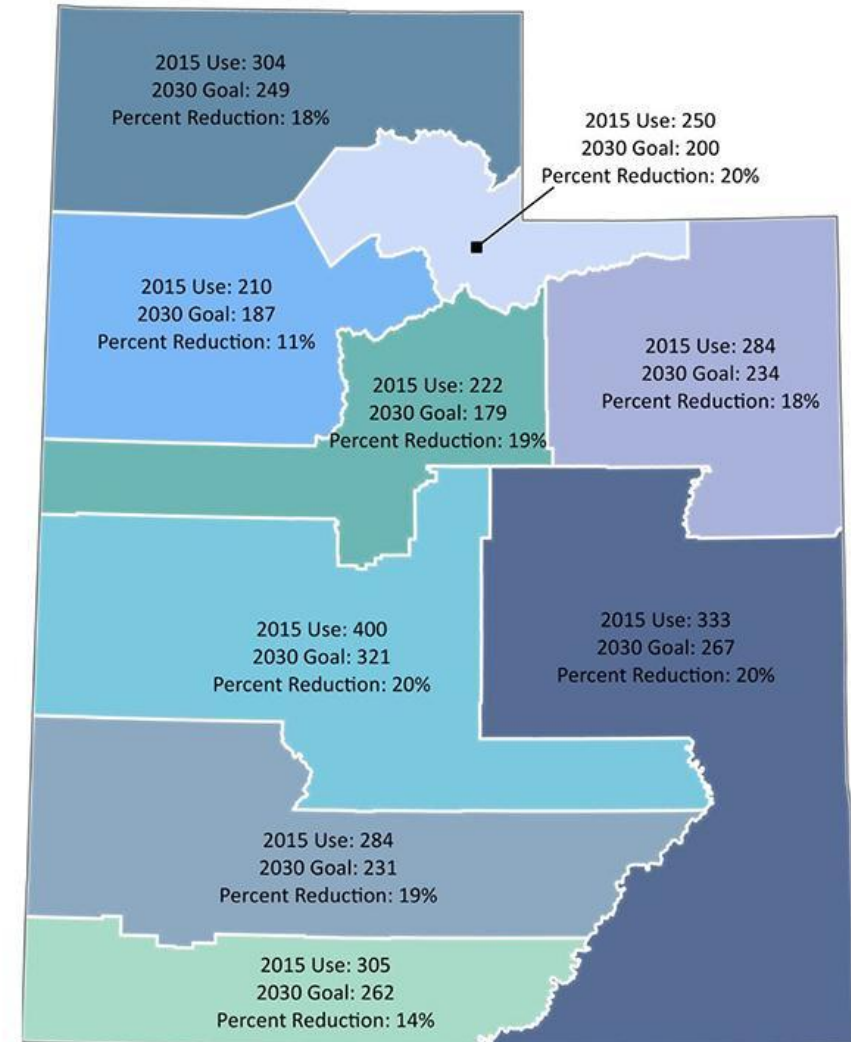
 System Profile & Supply

 Billing

 System Water Loss

 Use & Measurement

 Conservation Practices



Timeline

July — Submit Draft

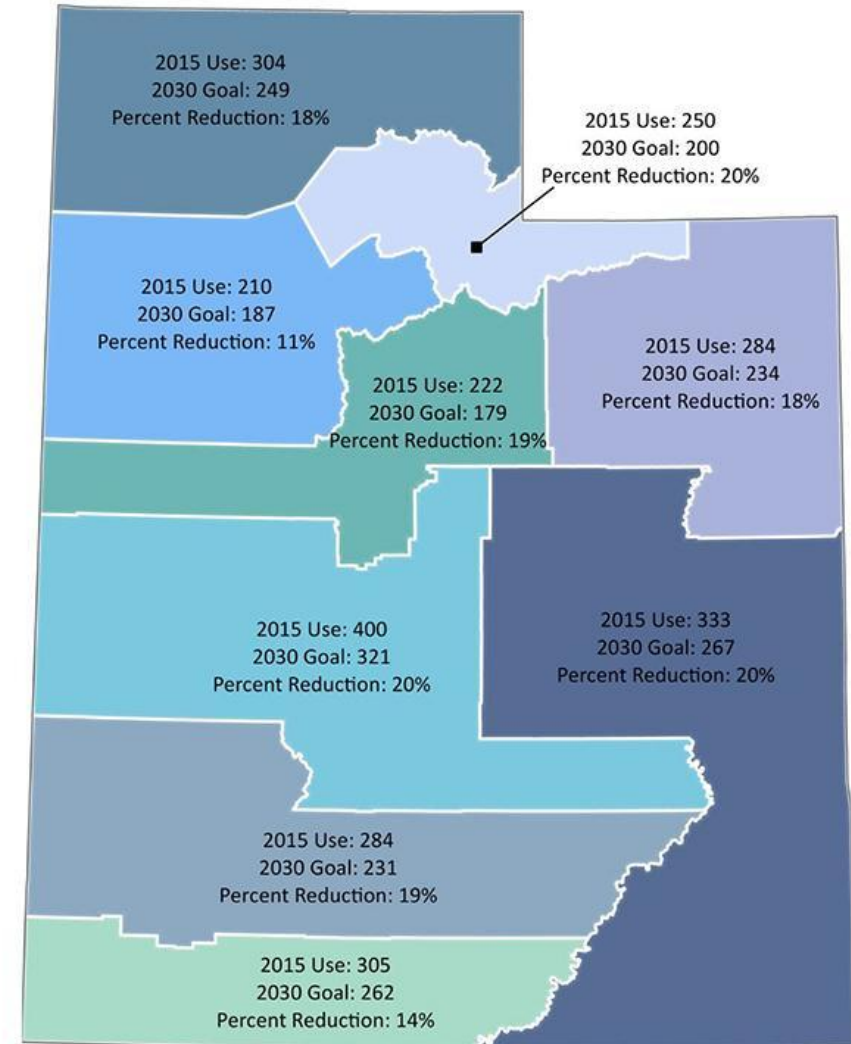
August — Receive Draft Feedback

Sept — Implement Draft Feedback
Public Feedback

Oct — Public Hearing

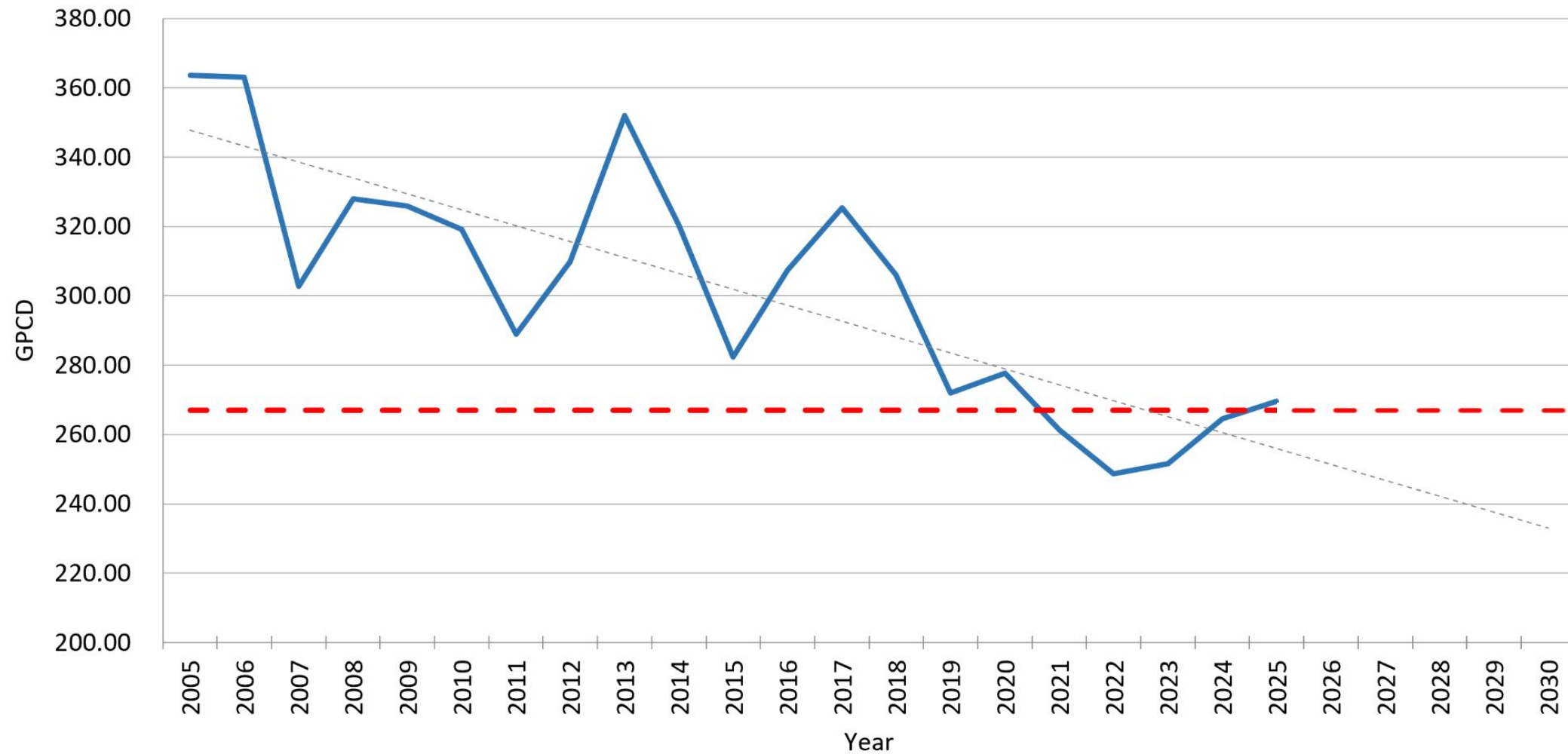
November — Present to Council

December — Submit to Final Plan



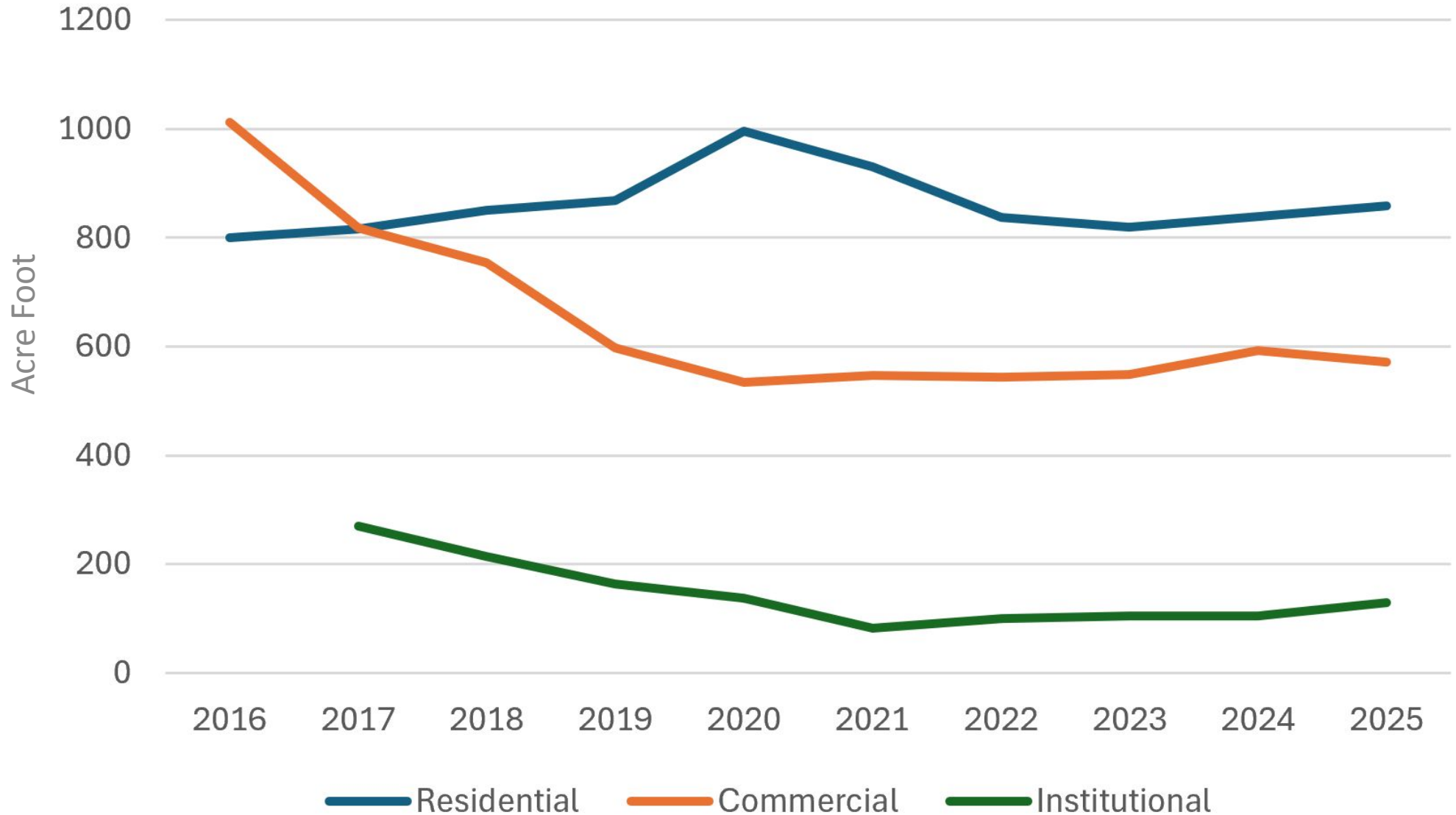
Progress

Gallons
Per Capita
Per Day
(GPCD)



Progress

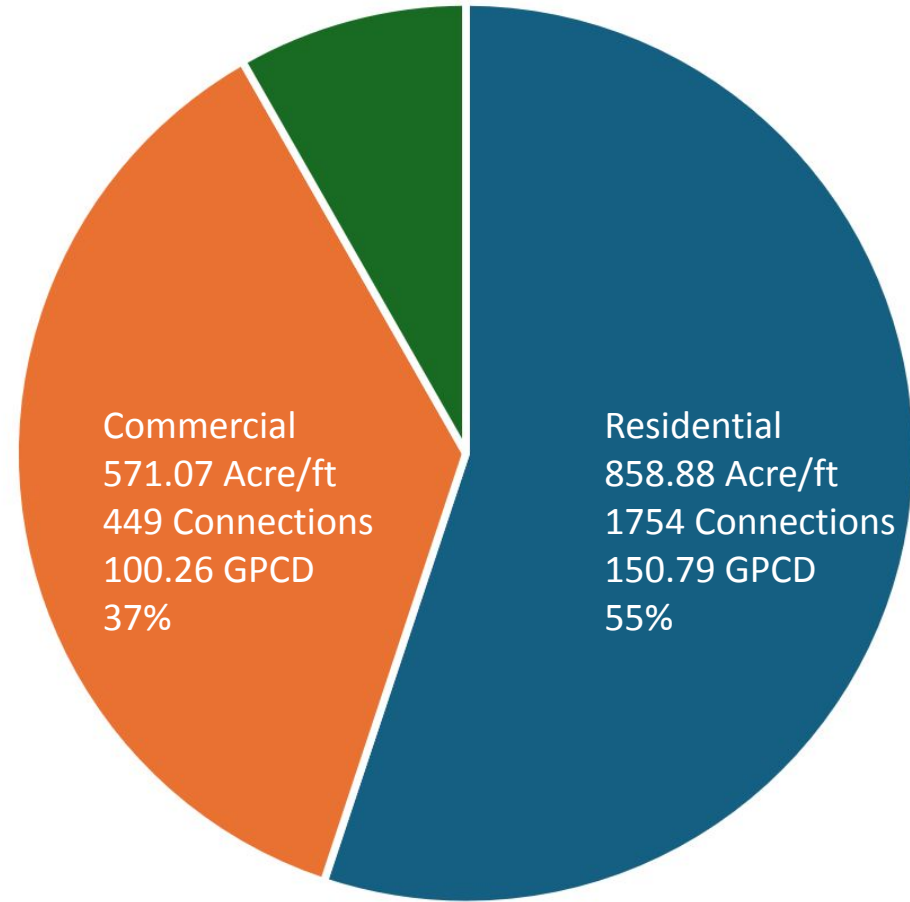
Usage Across Sectors



Progress

2025 Usage Across Sectors

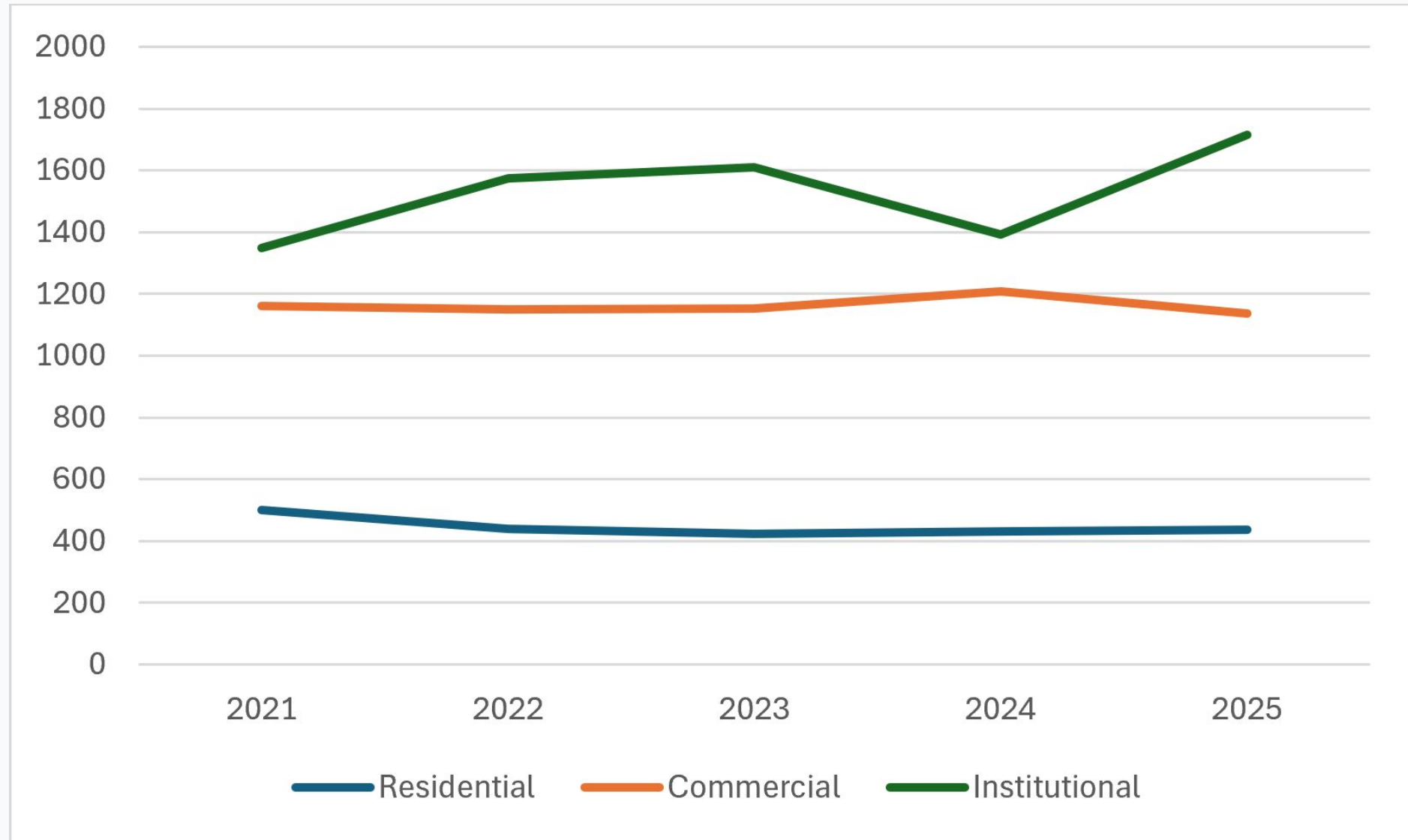
Institutional
128.74 Acre/ft
67 Connections
22.6 GPCD
8%



■ Residential ■ Commercial ■ Institutional

Progress

Usage by Connection



How have we been conserving in the past 5 years?



2021

- Water Conservation Plan updated

2022

- Water Utility Resource Management Planning (WURMP) began
- Landscape ordinance planning continued

2023

- Landscape ordinance passed
- Indoor water conservation ordinance passed

2024

- Smart watering system in parks installed
- Landscape outreach continued
- Irrigation workshop with USU Extension held

How are we conserving water recently?

2025-2026

- Moab Localscapes workshop held
- WURMP presented
- Water Shortage Response Plan adopted
- Social media outreach
- In-person conversations and postcards distributed to local businesses

City of Moab Water Shortage Response Plan

December 2025



This plan establishes actions for water conservation during short-term shortages due to a system disruption, such as equipment malfunctions, distribution failure, or natural events, such as drought. It outlines five response stages, from Stage 1 (Normal) to Stage 5 (Emergency), which are triggered based on projected water supply levels relative to demand. At each stage, the plan specifies measures to reduce water use and maintain essential services within the City. Although water shortages are generally uncommon, this plan provides guidance to help the City respond effectively when they occur.



LOCALSCAPES
Class
Friday, Apr 25th
3:00-5:00pm
at Moab City Hall
217 E Center Street, Moab UT
Register for this **free** class.
Space is limited.
<http://rebrand.ly/c1b699>

moabcity · Follow

moabcity 3w
💧 Every drop counts! 💧
Utah Gov. Spencer Cox has declared a state of emergency due to statewide drought conditions. Here in Moab, we are facing extreme drought and historically low snowpack. The City of Moab is working to reduce our water consumption, and we're asking residents and businesses to join in and help protect one of our most valuable resources. Small actions can make a big impact. Follow our social media and website (<https://moabcity.gov>) for more water conservation tips and information. Conserving water benefits our entire community! Helpful resources: <https://moabcity.gov/576/Water-Conservation>. #moabcity #utahdrought #conservewater

Moab City
Public

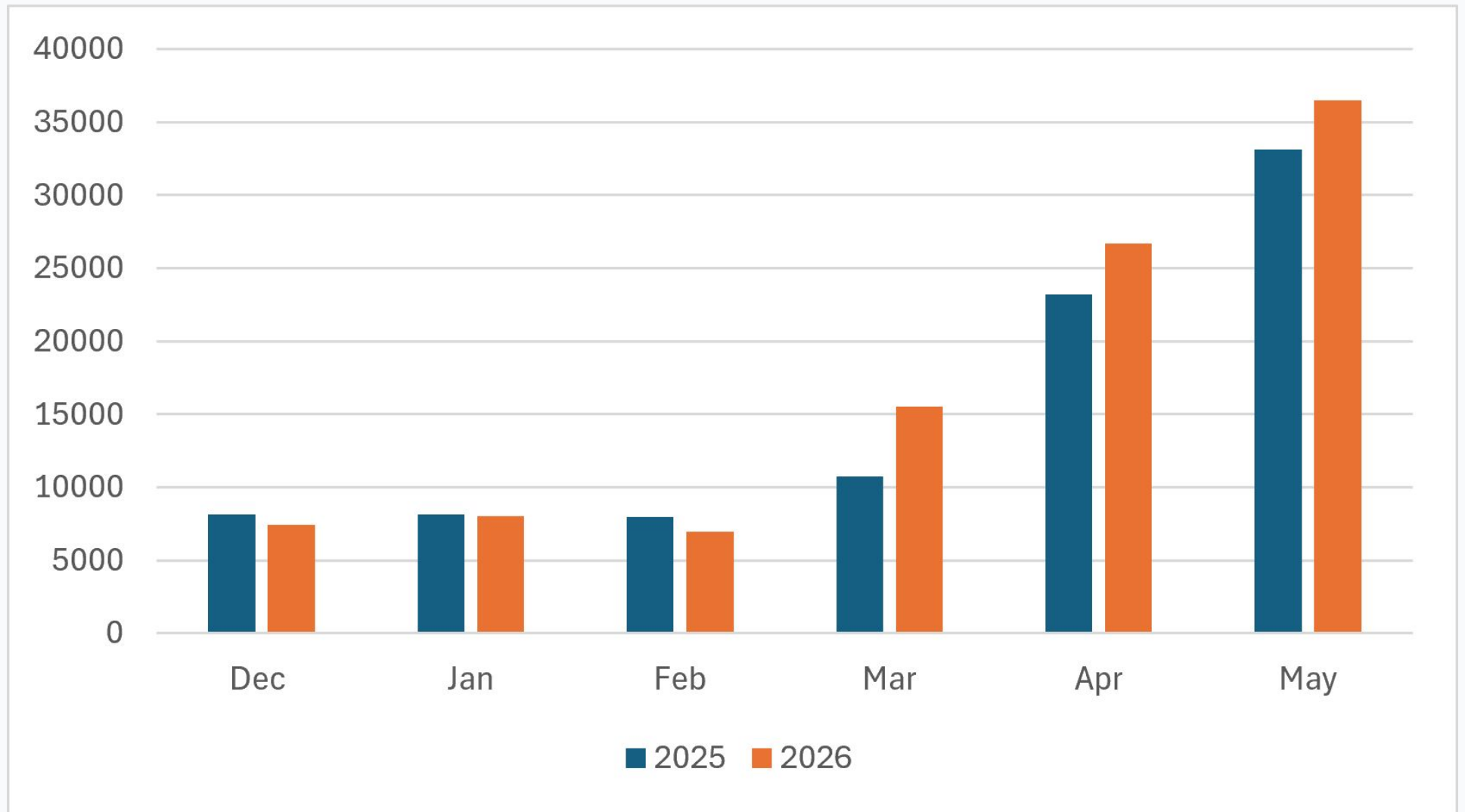
Water Conservation tips from the City of Moab

Prioritize trees over grass
trees need less water

Watering Conservation Tips
Southeast Utah facing extreme drought and historically low snowpack. Water conservation is critical. The City of Moab is wo... See more

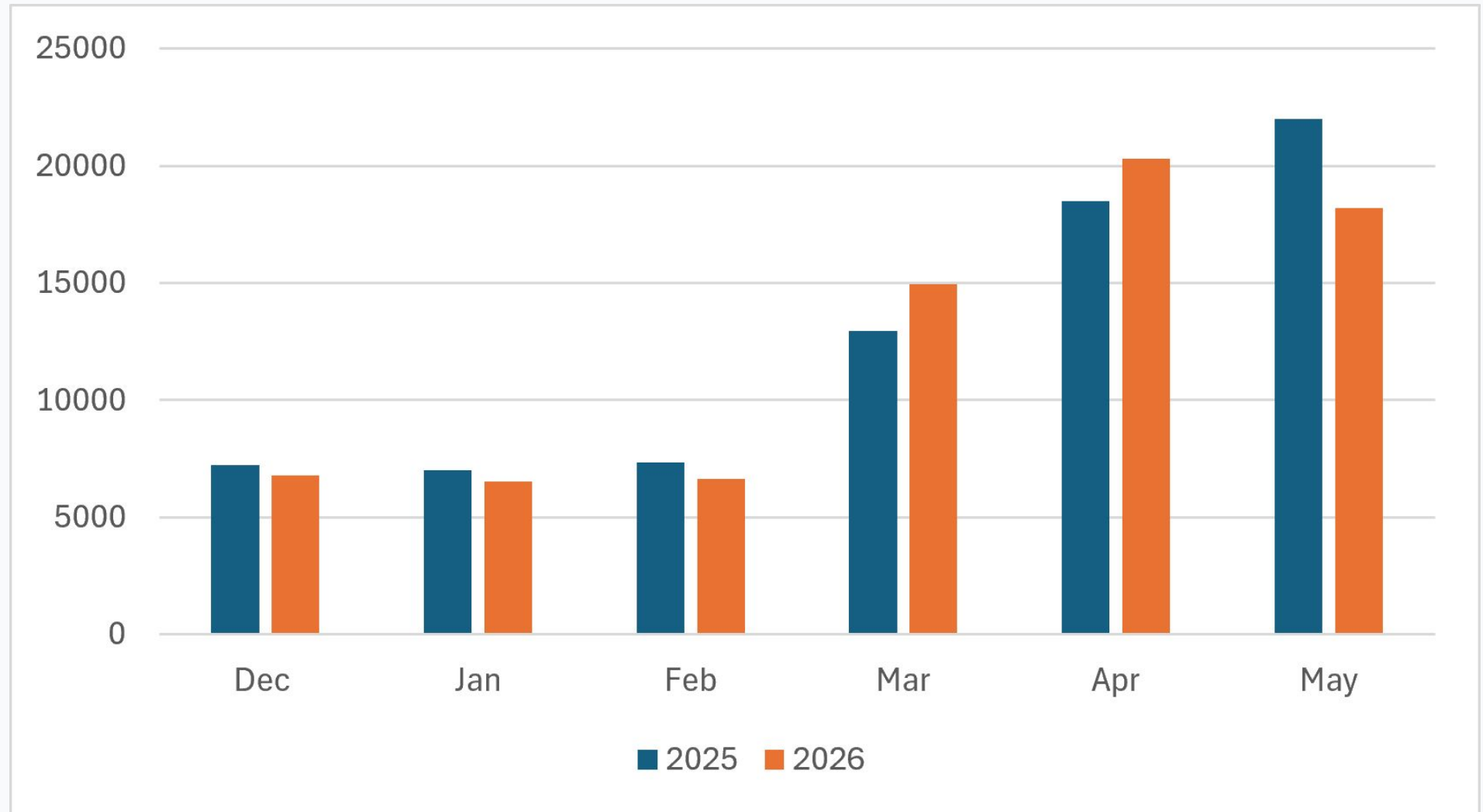
What does this look like this year?

Residential



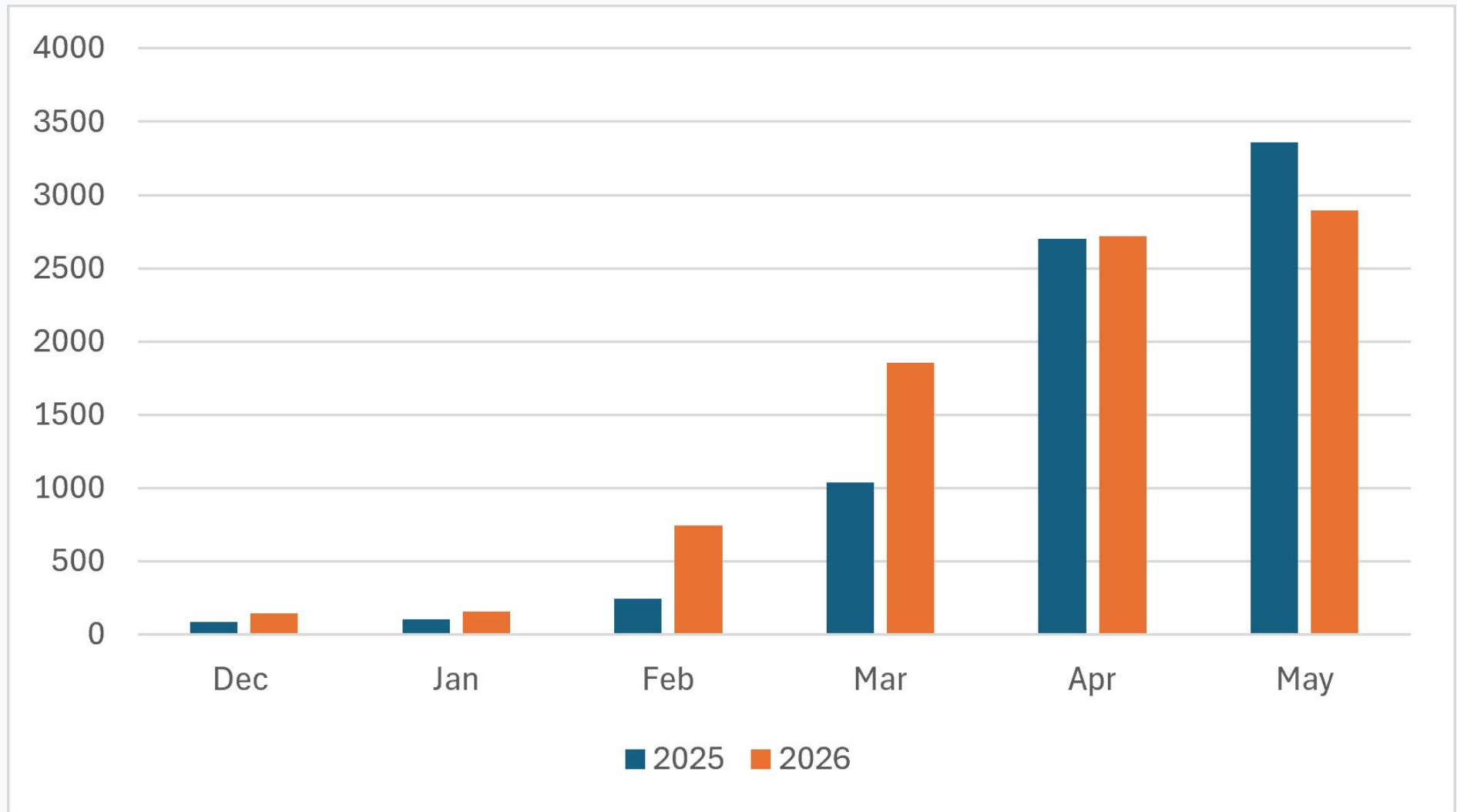
What does this look like this year?

Commercial



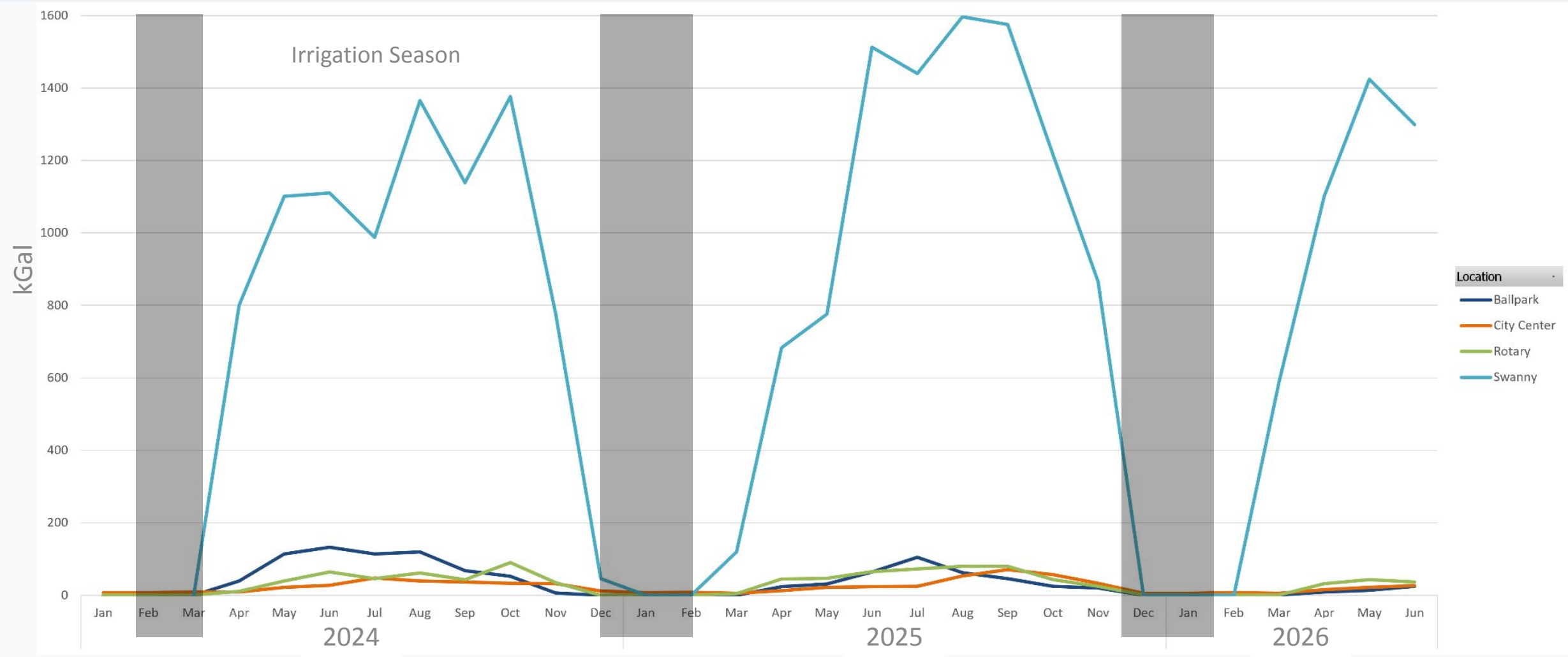
What does this look like this year?

City Parks



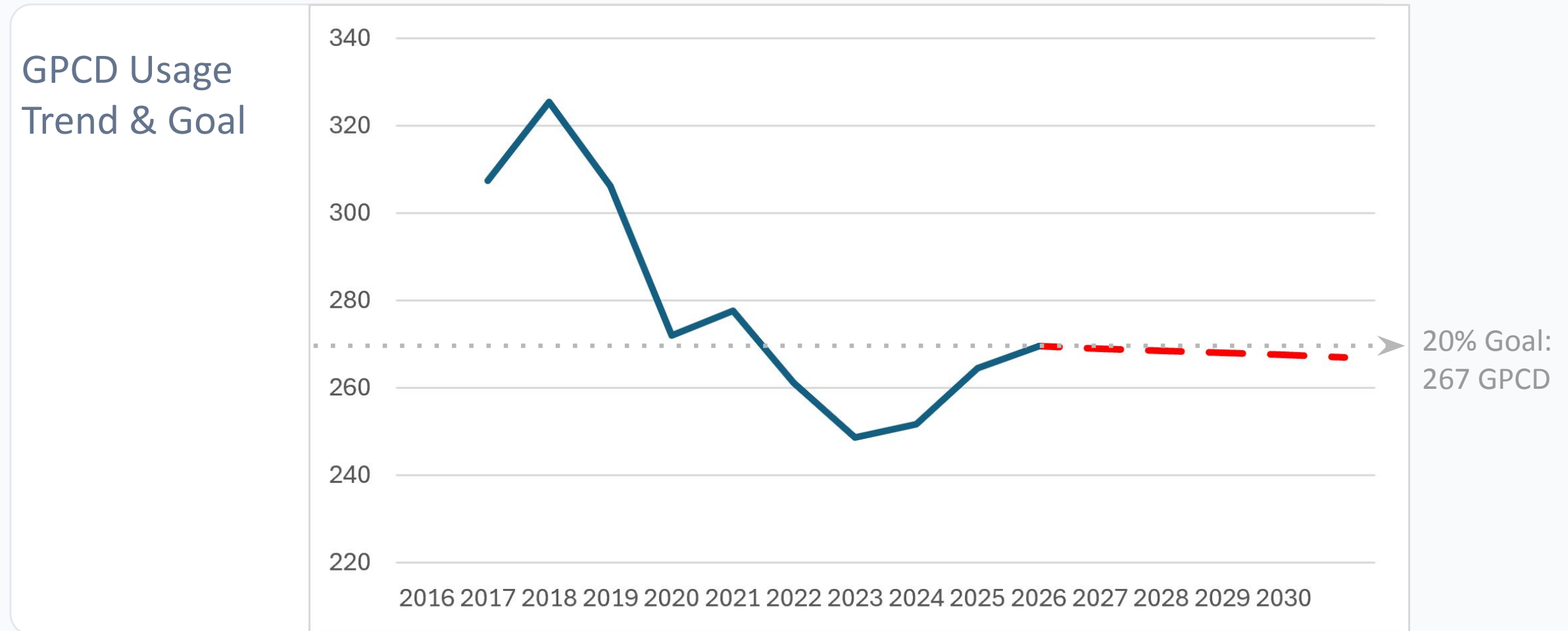
Progress

Use of Water in Selected Parks & City Center



What else can we do?

We need to **decrease our usage** to 267 GPCD from 269 GPCD to achieve the overall regional **20% reduction goal**.



What can we do *immediately*?



Monitor use & fix leaks

Vehicle or pavement washing measures that reduce water are recommended, such as a broom for walks or an automatic shut-off for washing vehicles.



Lodging laundry education is recommended for guests on the water shortage with suggestions for water conservation.

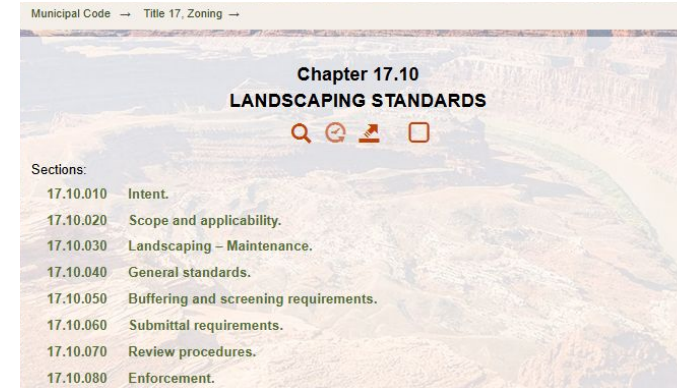
Outreach Efforts

Commit to sustained and continued outreach across the community.

Response Stage	Trigger <i>Water supply relative to demand</i>	Target Reduction	Response Actions
1 Normal	> 120%	0%	Unrestricted
2 Advisory	120%	5%	Voluntary
3 Warning	105%	15%	Voluntary & Mandatory
4 Critical	90%	25%	Voluntary & Mandatory
5 Emergency	75%	>25%	Mandatory

Plan Amendment

Update Water Shortage Response Plan to trigger **Warning Stage** upon a Grand County (and possibly Utah) drought emergency declaration.



Mandatory Restrictions

Formally codify some restrictions to ensure conservation.

Water Conservation

Water Shortage Response Plan Voluntary & Mandatory Restrictions

Key

- Voluntary

- Mandatory

[illegible]

Water Conservation

Water Shortage Response Plan | Stage 3: Warning Mandatory Action

- ***Aesthetic uses*** may not be operated if water sprays, shoots into the air, or falls. They may only be filled to a level required for maintenance.
- ***Vehicle or pavement washing*** is only permitted at a carwash with recycled water or when necessary for public health or safety.
- ***Private lawn watering*** may only be watered 8 PM and 8 AM to minimize evaporation. Watering is limited to three days per week on a designated schedule.
- ***Common area lawn watering*** may only be watered between 8 PM and 8 AM to minimize evaporation.
- ***Lodging laundry*** must only change linens for multiple night stays at the request of guests and provide education to guests on the water shortage with suggestions for water conservation.
- ***Misters, toys, and sprinklers*** must reduce frequency or duration of use by 15%.

What else can we do over the *next 5 years*?

CITY OF MOAB
217 E CENTER ST.
MOAB, UTAH 84532-2431
(435) 259-5123

SRVC	NEW RDG	LAST RDG	USED	LAST YR USAGE	CHARGES
PB					
PA					
WA	1,258	1,249	9	12	
SW					
ST					
PN					

Welcome Spring! As watering season begins, please be sure to monitor your water lines & sprinkler systems to catch any leaks early.

BILL IS DELINQUENT 30 DAYS AFTER BILL DATE

RETURN THIS PORTION WITH PAYMENT

SRVC ADDR	ACCOUNT #

AMOUNT DUE	BILL DATE	DUE DATE
	04/30/2026	05/20/2026

MOAB, UT

Billing Rate Structure

Alter billing structure to incentivize lower usage.



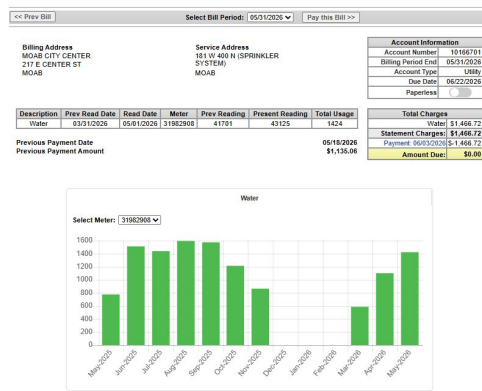
Utah Division of Water Resources

In partnership with:



Water Reuse Incentives

Incentivize gray water reuse, nature-based solutions like rain gardens, and other conservation measures.



Internal Water Audits

Conduct further municipal internal water audits to lead conservation efforts by example.



Wastewater plant retrofit

Consider options for recovering purified water from the wastewater treatment facility for reuse.