



Securing Calgary's Water Future: City-wide Outdoor Watering Schedule

EC2024-0665

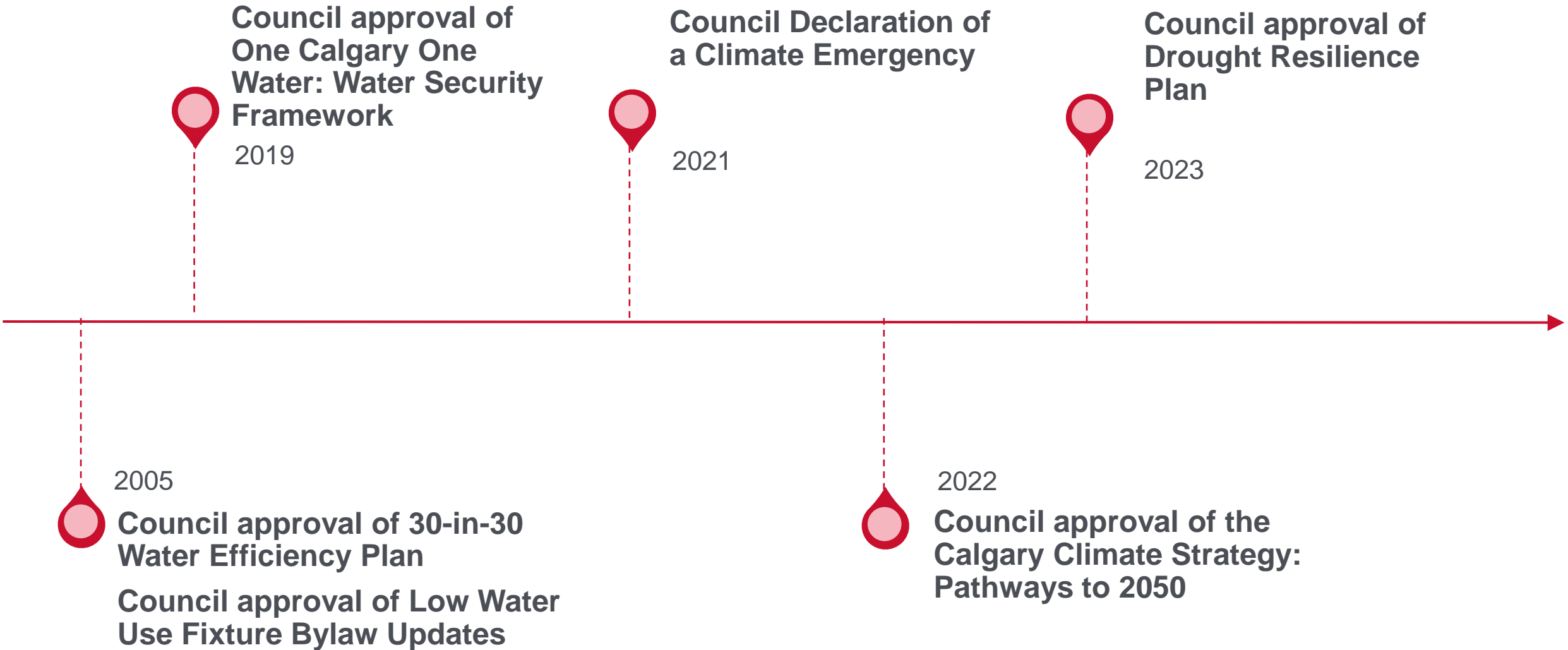
2024 June 11

That the Executive Committee recommend that Council:

1. Give three readings to the proposed bylaw to amend Bylaw 40M2006, Water Utility Bylaw
2. Direct Administration to return in Q1 2025 to Community Development Committee with an updated Water Efficiency Plan including a renewed suite of water conservation tools to manage Calgary's water use in a changing climate and growing population, following engagement.



Background and Previous Council Direction





Calgary's Water Conservation Successes

Calgary has achieved its 30 in 30 water efficiency target 10 years ahead of schedule, while serving a city and regional customer base that has grown by half a million people.

✓ Regulations

✓ Infrastructure & Operations

✓ Financial Tools & Incentives

✓ Education

OFFICE CONSOLIDATION

THE WATER UTILITY BY-LAW 40M2006

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Take it out. Cash it in.

The City of Calgary Residential Toilet Replacement Rebate program.

Make the switch to a WaterSense labelled, high-efficiency toilet and you could qualify for a **\$50** rebate.

Apply for your rebate online at calgary.ca/toilet. It's quick and easy.

Print applications are also available for mail-in or fax-in by visiting calgary.ca/toilet or by contacting 311.

Protecting what's precious. Land. Air. Water.

Onward! By 2033, per capita water use will be reduced from 2003 levels by 30 per cent.

Use your water meter to check for household leaks

1. Turn off all taps and water appliances in your home.
2. Check the water indicator – this could be a gear, triangle or needle on the face of the meter. If it keeps turning you have a leak in your house.
3. Check your toilet, taps, humidifier, hot water heater, water softener and other water using devices for leaks.
4. Visit calgary.ca/waterleaks to learn more about addressing leaks.

Check for leaks every six months. It can save water and money.

Five ways to create a more beautiful and relaxing yard:

- Use good soil, and lots of it, to make plants happy
- Pick flowers and shrubs intended for Calgary's climate
- Put the right plants in the right place
- Use mulch to retain moisture and for added beauty
- Water wisely – avoid watering in the heat of the day

To learn more visit calgary.ca/yardsmart

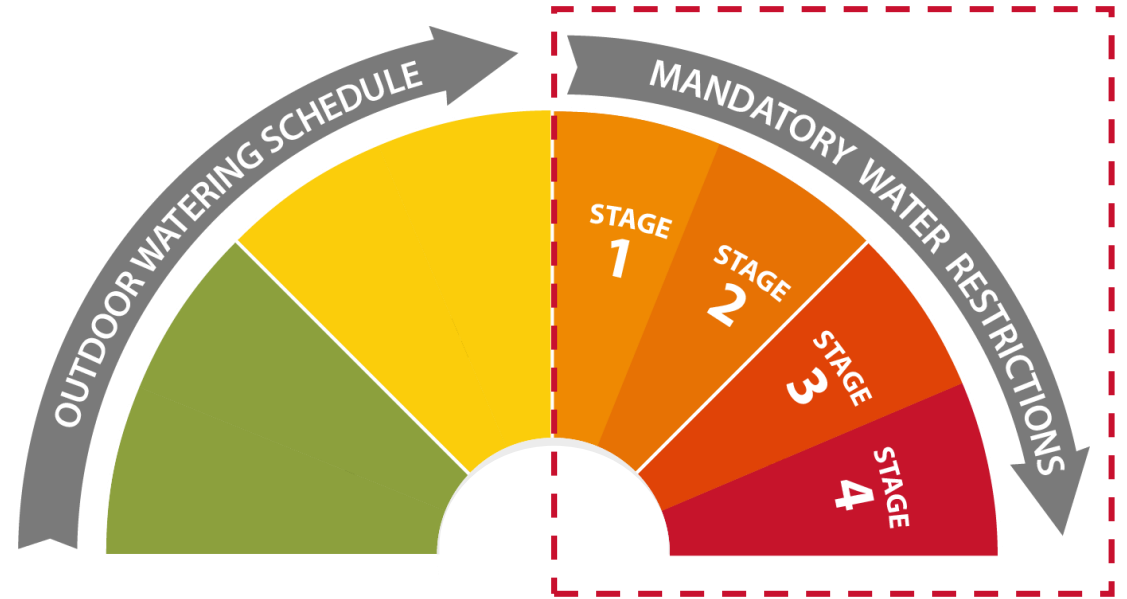
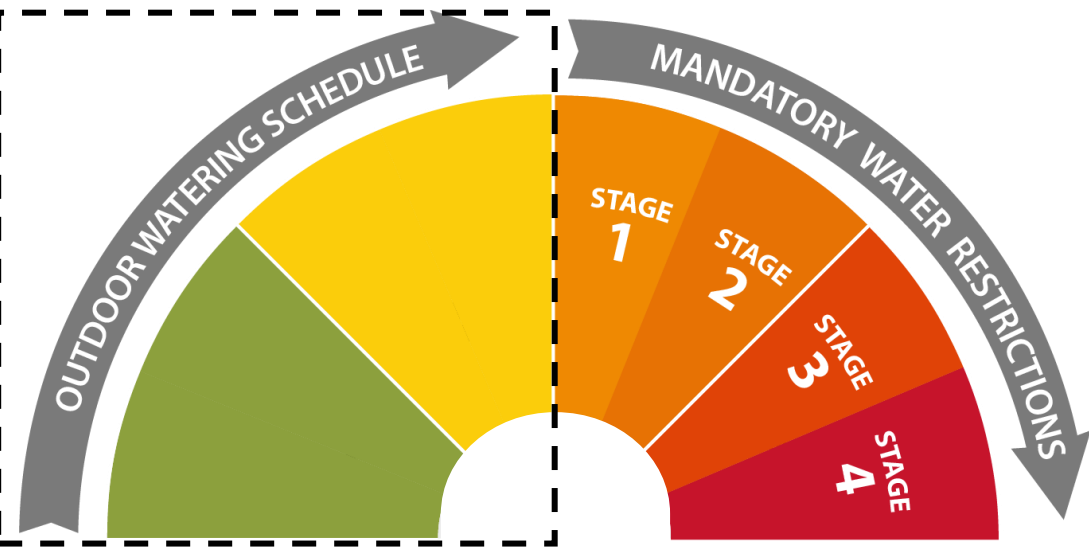


Water Utility Bylaw – Two Key Changes

Water Utility Bylaw changes provide flexible response to drought; manage seasonal water demand; support long-term drought resilience; and meet temporary operational requirements.

✓ **Addition of a new Outdoor Watering Schedule**

✓ **Updates to Outdoor Water Use Restrictions (Schedule E)**





Addition of a new Outdoor Watering Schedule

- Incorporates best practices for **efficient outdoor watering** in a dry climate
- Intent to **implement in 2024 summer**
- Enhances **community preparedness** for potential transition to restrictions

Watering your lawn (any method)



Water any two days per week



Water up to three hours at a time
(six hours per week total)



Water between 8 p.m. – 10 a.m.

Allowed any day, any time



Hand watering gardens with a spring-loaded nozzle, drip irrigation or watering can
















































Newly planted grass, trees and shrubs (any method)



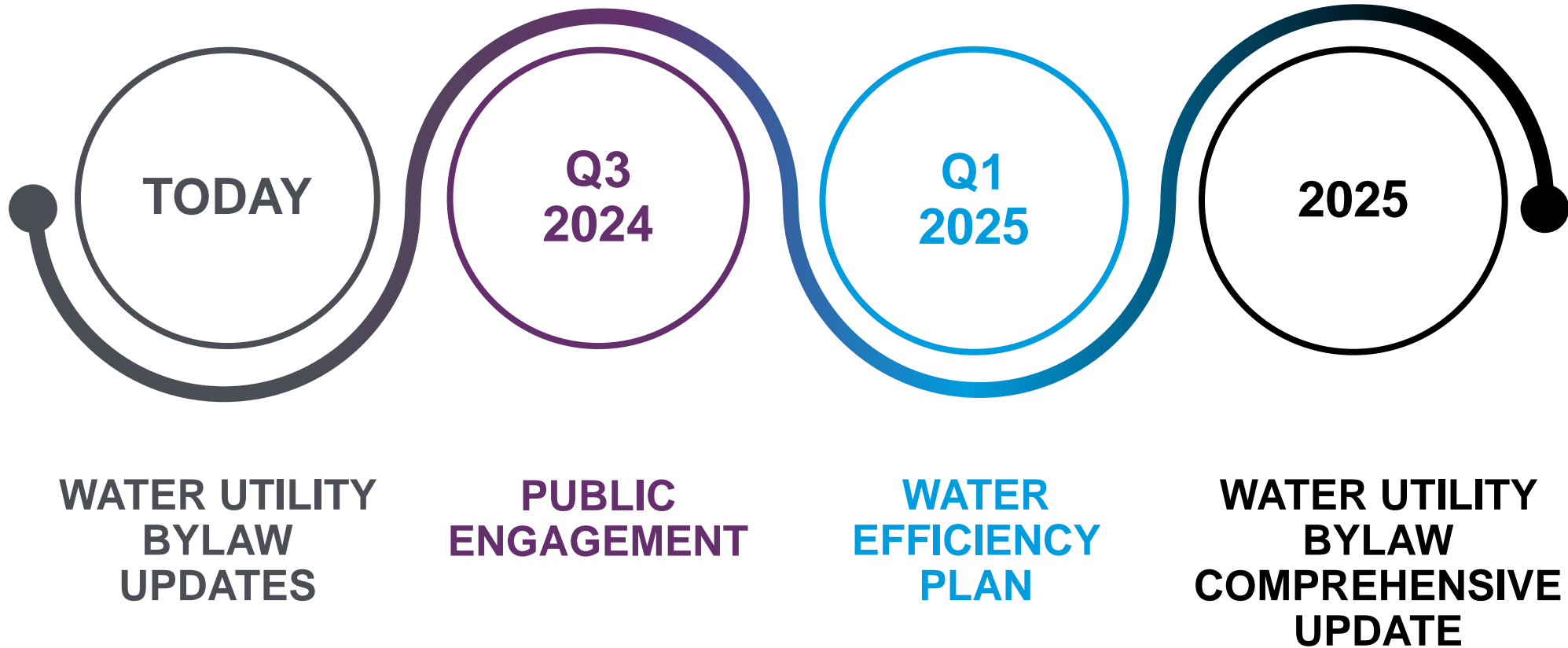
Updates to Outdoor Water Use Restrictions (Schedule E)

- Address implementation challenges from 2023
- Clarify permitted uses
- Align watering times to new Outdoor Watering Schedule
- Improve The City’s drought response

Outdoor Water Restriction Stages	Stage 1 Low risk to water supply	Stage 2 Moderate risk to water supply	Stage 3 High risk to water supply	Stage 4 Severe risk to water supply
 Sprinklers for lawns, gardens, trees and shrubs Includes automatic irrigation system	2 hr/week 	1 hr/week 		
	Even house number: Either Wednesday or Saturday Odd house number: Either Thursday or Sunday Water between: 8 p.m. – 10 a.m.			
Hoses with spray nozzle for gardens, trees and shrubs Includes drip irrigation with automatic shut off	 Any day/time	 Any day/time		
Hand watering gardens, trees and shrubs	 Any day/time	 Any day/time	 Any day/time	
 Newly planted grass, trees and shrubs Sod within 21 days Seed within 45 days Trees and shrubs less than 5 years old	 Any day/time Any watering method	 Any day/time Any watering method	CONDITIONAL Allowed only by hose with spray nozzle, automatic shut-off drip irrigation, or hand-held container	
 Testing and auditing irrigation systems	 Any day/time	 Any day/time		
Washing outdoor building surfaces and windows				
Washing cars outdoors Using water only	 Any day/time	 Any day/time		
Washing sidewalks, driveways or walkways				
Filling outdoor pools or hot tubs	 Any day/time	 Any day/time		
Filling fountains and other decorative features Excludes bird baths and residential ponds				
 Water use for construction or renovation	 Any day/time	 Any day/time	 Any day/time	



Advancing Water Conservation in Calgary



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