

Summary of Amendments to Water Utility Bylaw 40M2006

Summary of Amendments to Water Utility Bylaw	Key Changes	Reason for Changes	Notes (to be deleted in final version)
<p>PART IV: GENERAL AUTHORITY OF THE DIRECTORS</p> <p>5.1 (1) Where this Bylaw allows the Director, Water Services or the Director, Community Planning, to discontinue, disconnect or shut off water service to a Customer, the Directors may also in those circumstances issue an Order directing the Customer or group of Customers to cease or restrict use of water from the Water System in the manner and for the period of time specified in the Order.</p> <p>(2) A Director issuing an Order must publicly disseminate the Order by print or electronic media or by posting on the City’s website and a Customer is deemed to have received notice of such Order and to be aware of its content 24 hours after it is publicly disseminated, or at such sooner time as a copy of the Order is delivered to the Customer’s service address as shown in the Customer’s account by an employee, agent or other representative of Water Services.</p> <p>(3) A Customer must not use Water contrary to the terms of an Order or allow any person to use Water supplied to the Customer, contrary to the terms of an Order.</p> <p>(4) Nothing in this section limits the ability of a Director in other sections of this Bylaw to discontinue, disconnect, or shut off water service supplied to any Customer.</p>	<p>Addition to the Bylaw regarding Director, Water Services or the Director, Community Planning authority to issue and enforce a Stop Use Order to cease or restrict use of water for a customer or group of customers where authority already exists in the bylaw to disconnect water service.</p>	<p>This addition complements existing authority in the bylaw to discontinue water service by providing an additional administrative tool to issue orders regarding water service.</p>	<p>This does not limit Director authority under Section 19 to discontinue water supplied to any customer in the event of an emergency.</p> <p>With the new authority to disconnect water service during Outdoor Water Use Restrictions, this gives the Director, Water Services or Community Planning, an efficient way to reduce demand through a Stop Use Order.</p>

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<p>PART VII: WATER CONSERVATION LIMITING WATER WASTAGE</p> <p>LOW WATER USE FIXTURES</p> <p>16. (1) For the purposes of this section, “Low Flow Plumbing Fixtures” means:</p> <ul style="list-style-type: none"> (a) toilets having a total water usage of no greater than 4.8 litres per flush, including the contents of both the tank and bowl of the toilet; (b) urinals having a total water usage of no greater than 1.9 litres per flush, but does not include urinals which flush automatically after a period of elapsed time, regardless of the amount of water usage per flush; (c) showerheads having a rate of water flow no greater than 7.6 litres per minute for any and all available settings on the showerhead; (d) faucet aerators having a rate of water flow no greater than 5.7 litres per minute; (d) residential lavatory faucets having a rate of water flow no greater than 5.7 litres per minute; (e) residential kitchen faucets having a rate of water flow no greater than 8.3 litres per minute; (f) public restroom lavatory faucets having a total water flow of no greater than 1.9 litres per minute; and (g) commercial pre-rinse spray valves having a rate of water flow no greater than 6 4.9 litres per minute. 	<p>Updated flow requirements for showerheads, residential lavatory and kitchen faucets, and commercial pre-rinse spray valves.</p>	<p>Improve fixture efficiency.</p>	<p>Applies to new builds and renovations that require a plumbing permit.</p> <p>New flow requirements for showerheads and residential lavatory and kitchen faucets align with the National Plumbing Code.</p> <p>New flow requirements for commercial pre-rinse spray valves align with LEED, WaterSense, and Government of Canada Energy Efficiency Regulations (requirements for this fixture are not found in the National Plumbing Code).</p>

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<p>PART VIII EMERGENCIES AND OUTDOOR WATER USE RESTRICTIONS WATER CONSERVATION MEASURES</p> <p>OUTDOOR WATERING SCHEDULE</p> <p>19.1. (1) An Owner or Occupier of a parcel or premises must not allow the use of Potable Water supplied through the Water System for the watering of lawns, gardens, trees, or shrubs unless:</p> <p>(a) the municipal address for the parcel or premises is an odd number and the watering takes place between the hours of 1900h and 1000h on a Wednesday, Friday or Sunday; or</p> <p>(b) the municipal address for the parcel or premises is an even number and the watering takes place between the hours of 1900h and 1000h on a Tuesday, Thursday or Saturday.</p> <p>(2) Subsection (1) above does not apply to:</p> <p>(a) the watering of new grass sod laid within the last 21 days;</p> <p>(b) the watering of new grass seed sown within the last 45 days;</p> <p>(c) the watering of new trees and shrubs during their establishment period (5 years);</p> <p>(d) the watering of gardens, trees or shrubs by spring-loaded nozzles with automatic shut-offs connected to a hose or by hand-held container;</p>	<p>Addition of an Outdoor Watering Schedule that sets designated watering days and times, with Calgarians able to water outdoors 3 days per week, determined by address.</p> <p>Odd Addresses can water on Wednesday, Friday, Sunday.</p> <p>Even Addresses can water on Tuesday, Thursday, Sunday.</p> <p>Watering Hours: 7 p.m. to 10 a.m.</p> <p>Exemptions to the Outdoor Water Schedule are listed in Section 19.1 (2).</p>	<p>Reduce and spread peak summer demand, make water system load more predictable, and promote sustainable outdoor water use.</p>	<p>Schedule is based on parcel or premise address number (not unit number for a condo or apartment).</p> <p><i>Exemptions in Section 19.1(2) including:</i></p> <ul style="list-style-type: none"> - Water Managed Sites - Watering by spring-loaded type nozzles with automatic shut-off connected to a hose or hand-held container (excluding lawns) - Watering of new trees, shrubs, seed, sod during establishment period - Watering of edible food crops - Watering of plants for commercial sale or donation - Cemeteries - Designated Historic Resource – an obligation under the Historical Resources Act to maintain plant material as part of their designation

<p>(e) the watering of edible food crops;</p> <p>(f) the watering of plants for commercial sale or donation;</p> <p>(g) the Owner or Occupier of the parcel or premises holds a valid and subsisting certificate as a Tier One or Tier Two Water Managed System;</p> <p>(h) the watering of historically significant plant material at a designated Historic Resource, legally protected via the <i>Historical Resources Act</i>, RSA 2000, c H-9; or</p> <p>(i) the parcel or premises is used as a cemetery as defined in the <i>Cemeteries Act</i>, RSA 2000, c C-3.</p> <p>(3) This section, (section 19.1 Outdoor Watering Schedule) is not in effect for the duration of a declaration of an Outdoor Water Use Restriction under section 20.</p>			<p>(e.g. Reader Rock Garden)</p> <p>The Outdoor Water Schedule will be paused when Outdoor Water Use Restrictions have been enacted.</p>
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<p>PART VIII: WATER CONSERVATION MEASURES</p> <p>OUTDOOR CITY POTABLE WATER USE RESTRICTIONS</p> <p>DISCONTINUE SERVICE</p> <p>20.2 Where a Customer fails to comply with an Outdoor Water Use Restriction under this Part of the Bylaw, the Director, Water Services may, on notice to the Customer, discontinue water service until the Customer remedies the non-compliance.</p>	<p>This addition allows the Director, Water Services to discontinue service to a Customer for failure to comply with Outdoor Water Use Restrictions.</p>	<p>This addition extends existing authority in the bylaw to discontinue service to apply during Water Use Restrictions, for failure to comply.</p> <p>This addition works in conjunction with the new Authority in section 5.1 to issue a Stop Use Order.</p>	<p>This addition gives explicit authority to disconnect service during Outdoor Water Use Restrictions and extends the new authority to issue a Stop Use Order to cease water use during Outdoor Water Use Restrictions.</p>

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SCHEDULE "B" – OFFENCES: SPECIFIED PENALTIES			Adding a penalty for not complying with the Outdoor Watering Schedule.	To align with changes made in the section of the bylaw on the introduction of the Outdoor Watering Schedule.	Penalty amount is consistent with other penalties in the bylaw. Outdoor watering schedule will rollout with an education first approach in first year.
<u>SECTION NUMBER</u>		<u>SPECIFIED PENALTY</u>			
19.1(1)	Outdoor watering of lawn, garden, tree or shrub contrary to the outdoor watering schedule	\$200.			

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<p>SCHEDULE "E" – OUTDOOR CITY POTABLE WATER USE RESTRICTIONS</p> <p><i>*Proposed amendments to Schedule "E" begin on next page</i></p>	<p>Extended sprinkler hours for multi-family and industrial, commercial, and institutional (ICI) sites and consistent permissions for watering methods in Stages 1 and 2 Outdoor Water Use Restrictions.</p> <p>Allowable watering in Stage 1 for these sites increases from 2 hours a day, once a week, to a maximum of up to 15 hours a day, two days per week between 7 p.m. and 10 a.m.</p> <p>Allowable watering in Stage 2 for these sites increases from 1 hour a day, once a week, to a maximum of up to 15 hours, one day per week between 7 p.m. and 10 a.m.</p> <p>Changes to Application Method align with March 2025 Water Utility Bylaw updates (EC2025-0225), combining permissions for watering with a spring-loaded type nozzle and hand-held containers.</p>	<p>Based on feedback and engagement between 2023-2025 from Calgarians and industry to better support larger irrigated sites during outdoor water use restrictions while still reaching demand reduction goals.</p> <p>These changes will allow large sites to water landscapes adequately in early restriction stages, ensuring survival of vegetation.</p>	<p>This builds on Council-approved amendments in March 2025 (EC2025-0225) by further clarifying allowable watering activities.</p> <p>The change to hours for multi-family and ICI customers is made to support larger parcels that have large irrigation systems with multiple zones. For large sites, trying to water within current permissible hours can mean only minutes of watering per zone per week, which is not sufficient for landscape health.</p> <p>The change to application method aligns with changes made in March 2025 (EC2025-0225) to consistently enable watering with a watering can or spray nozzle, to address concerns that not everyone can use a watering can due to accessibility (age/ability).</p>

“SCHEDULE “E” – OUTDOOR CITY POTABLE WATER USE RESTRICTIONS

~~All activities listed in rows 1-17 under the first column (column 1) are prohibited during any stage (Stage 1-4) of an outdoor water use restriction.~~

~~A specific application method for that activity (column 2), by a specific person or entity (column 3), may be exempted from the prohibitions listed in Column 1 during a specific stage of outdoor water use restrictions (as allowed or detailed in columns 4, 5, 6 or 7 as applicable).~~

All outdoor use of City potable water is prohibited during the declaration of an Outdoor Water Use Restriction (including those activities listed in rows 1-19 under Column 1), unless a specific staged exemption applies.

Exemptions are listed for specific activities under each stage (Columns 4 to 7) and such exemptions are further limited by Customer (Column 3) and application method (Column 2).

	1. Prohibited Activity at Any Stage of Restrictions unless specific Staged Exemption applies	2. Application Method Allowed during Staged Exemption	3. Person or Entity Allowed to use water during Staged Exemption	4. Stage One Exemptions (Low risk to water supply)	5. Stage Two Exemptions (Moderate risk to water supply)	6. Stage Three Exemptions (High risk to water supply)	7. Stage Four Exemptions (Severe risk to water supply)
1.	Watering of lawns	Any method except those listed below	All Customers listed for a specific day and time as set by the Director, Water Services, excepting those entities listed below	Only one day per week to a maximum of 2 hours per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	Only one day per week to a maximum of 1 hour per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	None (Not Allowed)	None (Not Allowed)
The City of Calgary			None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	
Multi-family residential (12 units or greater) and ICI (Industrial, Commercial, and			Only 2 days per week between the hours of 1900h and 1000h (based on a Schedule as	Only 1 day per week between the hours of 1900h and 1000h (based on a Schedule as	None (Not Allowed)	None (Not Allowed)	

	1. Prohibited Activity at Any Stage of Restrictions unless specific Staged Exemption applies	2. Application Method Allowed during Staged Exemption	3. Person or Entity Allowed to use water during Staged Exemption	4. Stage One Exemptions (Low risk to water supply)	5. Stage Two Exemptions (Moderate risk to water supply)	6. Stage Three Exemptions (High risk to water supply)	7. Stage Four Exemptions (Severe risk to water supply)
			Institutional) on the same irrigation system	determined by the Director, Water Services)	determined by the Director, Water Services)		
		Irrigation by a Tier One Water Managed Site	Tier One Certificate holders	Allowed provided that watering program reduced by 10%	Allowed provided that watering program reduced by 20%	Allowed provided that watering programs reduced by 30%	None (Not Allowed)
		Irrigation by a Tier Two Water Managed Site	Tier Two Certificate holders	Allowed provided that watering program reduced by 15%	Allowed provided that watering program reduced by 25%	Allowed provided that watering programs reduced by 35%	None (Not Allowed)
2.	Watering of gardens, trees and shrubs (lawns excluded)	Irrigation with sprinkler connected to a hose or any irrigation system with automatic shut off	All Customers except those listed below	Only one day per week to a maximum of 2 hours per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	Only one day per week to a maximum of 1 hour per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	None (Not Allowed)	None (Not Allowed)
The City of Calgary	None (Not Allowed)		None (Not Allowed)	None (Not Allowed)	None (Not Allowed)		
Multi-family residential (12 units	Only 2 days per week between the hours of		Only 1 day per week between the hours of	None	None		

	1. Prohibited Activity at Any Stage of Restrictions unless specific Staged Exemption applies	2. Application Method Allowed during Staged Exemption	3. Person or Entity Allowed to use water during Staged Exemption	4. Stage One Exemptions (Low risk to water supply)	5. Stage Two Exemptions (Moderate risk to water supply)	6. Stage Three Exemptions (High risk to water supply)	7. Stage Four Exemptions (Severe risk to water supply)
			or greater) and ICI (Industrial, Commercial, Institutional) on the same irrigation system	1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	(Not Allowed)	(Not Allowed)
	Irrigation by a Tier One Water Managed Site	Tier One Certificate holders	Allowed provided that watering program reduced by 10%	Allowed provided that watering program reduced by 20%	Allowed provided that watering program reduced by 30%	None (Not Allowed)	
	Irrigation by a Tier Two Water Managed Site	Tier Two Certificate holders	Allowed provided that watering program reduced by 15%	Allowed provided that watering program reduced by 25%	Allowed provided that watering program reduced by 35%	None (Not Allowed)	
	Spring-loaded type nozzles with automatic shut off connected to a hose or hand-held containers	All Customers	Allowed	Allowed	Allowed	None (Not Allowed)	

	1. Prohibited Activity at Any Stage of Restrictions unless specific Staged Exemption applies	2. Application Method Allowed during Staged Exemption	3. Person or Entity Allowed to use water during Staged Exemption	4. Stage One Exemptions (Low risk to water supply)	5. Stage Two Exemptions (Moderate risk to water supply)	6. Stage Three Exemptions (High risk to water supply)	7. Stage Four Exemptions (Severe risk to water supply)
19.	Watering of cemetery grounds	Any	Cemetery Operators	Allowed	Allowed	Allowed	Not Allowed