

## City of Red Deer Water Conservation Guidelines

Applies to the use of potable water only. Water recirculation, raw (untreated river water) water use, rainwater harvesting and greywater re-use are exempted from this policy.

Applies to all sectors: residential and Industrial, Commercial and Institutional (including municipal operations)

Applies between May1 and October 1, or as designated by the City Manager

Activity	Recommended Application Method	Stage 1 <i>Activated automatically from May 1 to October 1 annually Voluntary only: no enforcement</i>	Stage 2 <i>Enforced with a written warning, and if not resolved in 14 days, followed by a fine</i>	Stage 3 <i>Enforced with an automatic fine</i>	Stage 4 <i>Emergency water shortage Enforced with an automatic fine</i>
<b>Lawn watering</b>	Watering can, hose-connected (automatic shutoff nozzle is recommended), automatic in-ground sprinklers, or soaker hose/drip irrigation	Watering only permitted during non-restricted hours on the Designated Watering Days.  <u>Restricted hours:</u> No watering permitted between 9 am and 7 pm.  <u>Designated Watering Days:</u> Even-numbered addresses are permitted to water on even	Watering only permitted during non-restricted hours on the Designated Watering Days.  <u>Restricted hours:</u> No watering permitted between 9 am and 7 pm.  <u>Designated Watering Days:</u> Even-numbered addresses are permitted to water on even	Watering only permitted during non-restricted hours on the Designated Watering Days.  <u>Restricted hours:</u> No watering permitted between 8 am and 8 pm.  <u>Designated Watering Days:</u> Even-numbered addresses are	No watering permitted.  No new landscaping may be planted.  No Watering Exemptions are permitted.

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		<p>days of the month during non-restricted hours.</p> <p>Odd-numbered addresses are permitted to water on odd days of the month during non-restricted hours.</p> <p>*Watering Exemption: customers that have newly-planted lawn are permitted to water on all days of the week, at any hour, for 3 weeks after lawn was planted.</p>	<p>days of the month during non-restricted hours.</p> <p>Odd-numbered addresses are permitted to water on odd days of the month during non-restricted hours.</p> <p>*Watering Exemption: customers that have newly-planted lawn are permitted to water on all days of the week, at any hour, for 3 weeks after lawn was planted.</p>	<p>permitted to water on Mondays and Thursdays during non-restricted hours.</p> <p>Odd-numbered addresses are permitted to water on Tuesdays and Fridays during non-restricted hours.</p> <p>No new lawn may be planted.</p> <p>No new Watering Exemptions are permitted.</p>	
<b>Tree, shrub, planter, ornamental (e.g. flower) garden,</b>	Watering can, hose-connected (automatic shutoff nozzle is	No restrictions	No restrictions	Watering only during non-restricted hours on the	No watering permitted.  No new

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<b>greenhouse, and food/community garden watering</b>	recommended) or soaker hose/drip irrigation system			<p>Designated Watering Days.</p> <p><u>Restricted hours:</u> No watering permitted between 8 am and 8 pm.</p> <p><u>Designated Watering Days:</u> Even-numbered addresses are permitted to water on Mondays and Thursdays during non-restricted hours.</p> <p>Odd-numbered addresses are permitted to water on Tuesdays and Fridays during</p>	landscaping may be planted.

<b>Activity</b>	<b>Recommended Application Method</b>	<b>Stage 1</b> <i>Activated automatically from May 1 to October 1 annually Voluntary only: no enforcement</i>	<b>Stage 2</b> <i>Enforced with a written warning, and if not resolved in 14 days, followed by a fine</i>	<b>Stage 3</b> <i>Enforced with an automatic fine</i>	<b>Stage 4</b> <i>Emergency water shortage Enforced with an automatic fine</i>
				non-restricted hours.  No new landscaping may be planted.	
<b>Artificial turf and outdoor tracks washing</b>	Hose-connected (automatic shutoff nozzle is recommended)	Permitted if required for dust control and safety	Permitted if required for dust control and safety	Permitted if required for dust control and safety	No watering permitted
<b>Vehicles</b>		No restrictions, but car wash is recommended as wash water is treated for water quality protection.	No restrictions, but car wash is recommended as wash water is treated for water quality protection.	Only permitted at car wash.	No watering permitted; all commercial car washes are shut down.
<b>Ice rinks</b>	Draining, flooding, refilling	No restrictions	No restrictions	No draining, flooding and refilling of new rinks; flooding of existing rinks permitted.	No draining, flooding and refilling permitted
<b>Swimming pools and hot tubs</b>	Filling and refilling	No restrictions	No restrictions	No draining and refilling permitted; topping off	No draining and refilling, and no topping off

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<b>Ponds, fountains, water parks and other water features</b>	Filling and refilling	<p>Filling and refilling only permitted during non-restricted hours on the Designated Filling and Refilling Days.</p> <p><u>Restricted hours:</u> No filling and refilling permitted between 8 am and 8 pm.</p> <p><u>Designated Filling and Refilling Days:</u> Even-numbered addresses are permitted to fill and refill water on Mondays and Thursdays during non-restricted hours.</p> <p>Odd-numbered addresses are</p>	<p>Filling and refilling only permitted during non-restricted hours on the Designated Filling and Refilling Days.</p> <p><u>Restricted hours:</u> No filling and refilling permitted between 8 am and 8 pm.</p> <p><u>Designated Filling and Refilling Days:</u> Even-numbered addresses are permitted to fill and refill water on Mondays and Thursdays during non-restricted hours.</p>	permitted. No filling and refilling permitted; topping off permitted.	permitted No filling and refilling, and no topping off permitted.

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		permitted to fill and refill water on Tuesdays and Fridays during non-restricted hours.	Odd-numbered addresses are permitted to fill and refill water on Tuesdays and Fridays during non-restricted hours.		
<b>Cleaning outdoor surfaces (driveways, sidewalks, decks, patios), including pressure washing</b>		No restrictions, but washing by a commercial cleaning service or hand washing are recommended	Only washing by a commercial cleaning service, or hand washing, to prepare a surface for painting or similar treatment, or if ordered by a regulatory authority (e.g. WCB, public inspector, etc.). Washing for the purpose of aesthetic cleaning is not permitted.	Only washing by a commercial cleaning service, or hand washing, to prepare a surface for painting or similar treatment, or if ordered by a regulatory authority (e.g. WCB, public inspector, etc.). Washing for the purpose of aesthetic cleaning is not	Cleaning not permitted, unless ordered by a regulatory authority (e.g. WCB, public inspector, etc.). Washing for the purpose of aesthetic cleaning is not permitted.

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				permitted.	

Low Impact Development practices are encouraged during all stages.

**Levels of Enforcement:**

Stage 1: Voluntary restrictions only; the public is encouraged to follow the recommended restrictions. If the restrictions are not followed, no penalties will be given unless in the City’s opinion the use of water is wasteful (Section 43 of the Utility Bylaw). Voluntary restrictions are encouraged through a public outreach and awareness campaign. The public is informed that at Stage 2, any restrictions that are not followed will receive a written warning, followed by a fine of \$250 as per Section 37 of the Utility Bylaw if not resolved within 14 days.

Trigger: Stage 1 is activated automatically from May 1 to October 1, annually.

Stage 2: Customer receives a letter concerning their breach of the restriction. They are given 14 days to resolve the action. If they continue to breach the restriction, a ticket of \$250 is issued for the first offence. Second offence is \$1,000, and the third offence is \$2,500. Subsequent penalties are \$2,500 and disconnection of water service.

Trigger: Stage 2 is activated when the Red Deer River at Red Deer maintains a flow within the range of 16 to 18 m<sup>3</sup>/s for one consecutive week.

Trigger: Stage 2 is moved back to Stage 1 when the Red Deer River at Red Deer maintains a flow above 18 m<sup>3</sup>/s for one consecutive week.

Stage 3: If the customer breaches the restriction, an automatic ticket of \$250 is issued for the first offence. Second offence is \$1,000, and the third offence is \$2,500. Subsequent penalties are \$2,500 and disconnection of water service.

Trigger: Stage 3 is activated when the Red Deer River at Red Deer flow drops below 16 m<sup>3</sup>/s for one consecutive week.

Trigger: Stage 3 is moved back to Stage 2 when the Red Deer River at Red Deer flow returns to the range of 16 to 18 m<sup>3</sup>/s for one consecutive week.

Stage 4: If the customer breaches the restriction, an automatic ticket of \$250 is issued for the first offence. Second offence is \$1,000 and disconnection of water service.

Trigger: Stage 4 is activated at the discretion of Alberta Environment and Parks.

Trigger: Stage 4 is moved back to Stage 3 at the discretion of Alberta Environment and Parks.

#### Exemption Clause

The following municipal operations are exempted from the policy:

1. Lawn watering: Irrigation of City parks and fields are split into two zones: north of Ross Street and south of Ross Street. These zones are irrigated on alternate odd/even days as described in the policy.
2. Lawn watering: Irrigation system maintenance, repairs and testing may be conducted during restricted hours.
3. Lawn watering: Water trucks may be used for irrigating newly-sodded areas.