



**Water Use Restriction Bylaw No. 7784,
Amendment Bylaw No. 10329**

The Council of the City of Richmond enacts as follows:

1. The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting the word “and” from the end of Subsection 2.3.1(c), by deleting the period “.” from the end of Subsection 2.3.1(d) and replacing it with a semicolon and the word “; and”, and by adding the following as new Subsection 2.3.1(e):

“e) deploying misting stations in periods of extreme heat to protect human health and/or safety.”

2. The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting Sections 3.1.1 and 3.1.2 in their entirety and replacing them with the following:

“3.1.1 A **person** may, when **Stage 1 Restrictions** are in force, apply to the **General Manager, Engineering & Public Works** for a permit authorizing the **person to water** if:

- (a) the **person** has installed a **new lawn**, either by placing sod or turf or by seeding, or new landscaping on a substantial part of the outdoor portion of a property; or
- (b) the **person** is applying nematodes to a **lawn** to control the growth of **European Chafer Beetle**.

3.1.2 The owner or operator of a newly **over-seeded soil-based playing field** or **sand-based playing field** may, when **Stage 1 Restrictions** are in force, apply to the **General Manager, Engineering & Public Works** for a **permit to water** in accordance with the terms and conditions of the **permit**;

3. The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting Sections 3.1.5 and 3.1.6 in their entirety and replacing them with the following:

“3.1.5 Holders of a valid **permit** issued under subsection 3.1.1:

- (a) are authorized to **water** in accordance with the terms and conditions of the **permit**, notwithstanding **Stage 1 Restrictions** or **Stage 2 Restrictions**; and
- (b) are not exempt from **Stage 3 Restrictions** or **Stage 4 Restrictions**.

3.1.6 Holders of a valid **permit** issued under subsection 3.1.2:

- (a) are authorized to **water** in accordance with the terms and conditions of the **permit**, notwithstanding **Stage 1 Restrictions**, **Stage 2 Restrictions**, or **Stage 3 Restrictions**; and
- (b) are not exempt from **Stage 4 Restrictions**.”

4 The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting Section 3.1.9 in its entirety and replacing it with the following:

“3.1.9 When **Stage 1 Restrictions** are in force, a **permit** holder may apply for an extension of a **permit** issued under subsection 3.1.1(a) or 3.1.2, but such extension must end on or before 42 days from the original date of issue of that **permit** under Section 3.1. A **permit** issued under subsection 3.1.1(b) cannot be extended. When **Stage 2 Restrictions**, **Stage 3 Restrictions** or **Stage 4 Restrictions** are in force, a **permit** holder may not apply for an extension.”

5 The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by adding the following definitions to Section 5.1 in appropriate alphabetical order and reordering the remaining definitions, and by bolding such terms where they appear in **Water Use Restriction Bylaw No. 7784**:

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| “AUTOMATIC WATERING | means applying water using an automated water delivery system that requires only minimal human intervention or supervision and typically employs mechanical, electronic, or other components and devices, including but not limited to timers, sensors, computers or mechanical appliances. |
| COMMERCIAL CLEANING OPERATION | means a company, partnership, or person that offers commercial cleaning services, including pressure washing, window cleaning, and other similar building cleaning services, to the public for a fee. |
| COMMERCIAL VEHICLE WASHING | means commercial vehicle washing services offered to the public for a fee, but excludes car dealerships, fleet vehicle washing facilities, and charity car washes. |
| EUROPEAN CHAFER BEETLE | means an invasive insect pest whose larvae feed on the roots of grasses, causing serious damage to lawns . The Chafer Beetle larvae can be treated naturally using nematodes, which typically requires a moist lawn for a period of 2 to 3 weeks from the day of application. |

FLUSHING WATER MAIN	means discharging water from a water main for routine maintenance such as water quality management and measurement of firefighting flow capacity.
HEALTH OR SAFETY REASON	means a precaution necessary to protect health and/ or safety of any person or persons , including the removal of contaminants, bodily fluids, and slip and fall hazards, the provision of cooling mist in circumstances of extreme heat, controlling pests, and the suppressing and controlling dust.
IMPERMEABLE SURFACE	means a material added to the surface of the ground, or on the exterior of a building or structure that is impermeable to water , including but not limited to glass, wood, concrete, asphalt, paving stones, and other similar materials.
LAWN	means a cultivated area surrounding or adjacent to a building that is covered by grass, turf, or a ground cover plant such as clover, including areas such as boulevards, parks, school yards and cemeteries, but excluding golf courses, soil-based playing fields, and sand-based playing fields.
MANUAL WATERING	means applying water using a device or tool that is manually held or operated by a person , without automatic watering.
NEW LAWN	means a lawn that is newly established either by seeding or the laying of new sod or turf.
ODD-NUMBERED CIVIC ADDRESS or EVEN-NUMBERED CIVIC ADDRESS	means the numerical portion of the street address of a property, and in the case of multi-unit commercial or residential complex such as townhouses, condominiums or other strata-titled properties, means the numerical portion of the street address that is assigned to the entire complex, and not the individual unit number.
OVER-SEEDED	means the application of grass seed on existing turf, typically in early fall or spring and may also include associated processes such as aeration, weeding, dethatching and fertilization, for the purpose of mitigating against grass thinning.”

- 6 The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting the definitions for **aesthetic cleaning, drip irrigation, non-residential lot, public lot,**

water management plan, and water or watering from Section 5.1 and replacing them with the following definitions in the appropriate alphabetic order in which they appear:

“AESTHETIC CLEANING means the use of **water** for cleaning when it is not for a **health or safety reason**.

DRIP IRRIGATION means an irrigation system that delivers **water** directly to the root zone of the plant at a low flow rate through individual emission points (emitters) using droplets of **water** and excludes **sprinkler** irrigation systems, micro-spray systems, misting systems, and **soaker hoses**.

NON-RESIDENTIAL LOT means property zoned for a permitted use other than a residential use, including, but not limited to, commercial, industrial, and institutional uses, and including a property zoned for mixed residential and non-residential uses, but excluding **public lots**.

PUBLIC LOT means property zoned for municipal, regional district, provincial, or federal uses including, but not limited to, dedicated roads and highways, rights of way for road, public walkway, sidewalk and/or public plaza purposes, and school, college, university, and park uses.

WATER MANAGEMENT PLAN means a plan proposed by the owner or operator of a **golf course, soil-based playing field, and/or sand-based playing field**, and approved by the **General Manager, Engineering & Public Works**. The plan sets out terms such as **water** use targets during the different **restriction stages** to reduce **water** use, and reporting requirements for the owner or operator.

WATER or WATERING means applying **water** to lands or plants with any device or tool including but not limited to a sprinkler, hose, mister, or **drip irrigation**.”

- 7 The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended at subsection 6.2(a) and 6.2(b) by deleting the number \$10,000 where it appears and replacing it with the number \$50,000.
- 8 The **Water Use Restriction Bylaw No. 7784**, as amended, is further amended by deleting Schedules A through D and replacing them with Schedule A attached to and forming part of this Bylaw as new Schedules A through D of Bylaw 7784.
- 9 This Bylaw is cited as “**Water Use Restriction Bylaw No. 7784, Amendment Bylaw No. 10329**”.

FIRST READING

SECOND READING



THIRD READING

ADOPTED

JAN 24 2022

JAN 24 2022

JAN 24 2022

CITY OF RICHMOND
APPROVED for content by originating dept. 
APPROVED for legality by Solicitor 

MAYOR

CORPORATE OFFICER

SCHEDULE A to BYLAW NO. 10329

SCHEDULE A to BYLAW NO. 7784

STAGE 1 RESTRICTIONS

Lot	Water Use	Restriction
Residential Lots	Watering lawns	<p>A person may only water at the following times:</p> <ul style="list-style-type: none"> - Even-numbered civic addresses: on Saturdays from 5 am to 7 am if automatic watering, on Saturdays from 6 am to 9 am if manual watering. - Odd-numbered civic addresses: on Sundays from 5 am to 7 am if automatic watering, on Sundays from 6 am to 9 am if manual watering.
	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit .
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	<p>A person may only water from 5 am to 9 am on any day if using a sprinkler.</p> <p>A person may water on any day at any time if using a handheld hose, soaker hose, water container, or drip irrigation.</p>
Non-Residential Lots	Watering lawns	<p>A person may only water at the following times:</p> <ul style="list-style-type: none"> - Even-numbered civic addresses: on Mondays from 4 am to 6 am if automatic watering, on Mondays from 6 am to 9 am if manual watering. - Odd-numbered civic addresses: on Tuesday from 4 am to 6 am if automatic watering, on Mondays from 6 am to 9 am if manual watering.
	Watering new lawns or lawns being treated for European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit .
	Watering trees, shrubs, decorative planters, and flowers (excluding edible plants and turf at turf farms)	<p>A person may only water from 4 am to 9 am on any day if using a sprinkler.</p> <p>A person may water on any day at any time if using a handheld hose, soaker hose, water container, or drip irrigation.</p>

Public Lots	Watering lawns and grass boulevards	<p>Watering is only allowed at the following times, except when watering in accordance with an approved water management plan:</p> <ul style="list-style-type: none"> - Even-numbered civic addresses: on Mondays from 4 am to 6 am if automatic watering, on Mondays from 6 am to 9 am if manual watering. - Odd-numbered civic addresses: on Tuesday from 4 am to 6 am if automatic watering, on Tuesday from 6 am to 9 am if manual watering.
	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit .
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	<p>Watering is only allowed from 4 am to 9 am on any day if using a sprinkler.</p> <p>Watering is allowed on any day at any time if using a handheld hose, soaker hose, water container, or drip irrigation.</p>
	Watering soil-based playing fields	<p>Watering is only allowed from 7 pm to 9 am on any day, except if:</p> <ul style="list-style-type: none"> - watering newly over-seeded fields in compliance with a permit; or - watering in accordance with an approved water management plan.
	Watering sand-based playing fields	<p>Watering is only allowed from 7 pm to 9 am on any day, except if:</p> <ul style="list-style-type: none"> - watering newly over-seeded fields in compliance with a permit; or - watering in accordance with an approved water management plan.
	Flushing water mains	Prohibited

SCHEDULE B to BYLAW NO. 7784

STAGE 2 RESTRICTIONS

Lot	Water Use	Restriction
Residential Lots	Watering lawns	Prohibited
	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit issued when Stage 1 Restrictions were in force, until the permit expires. No new permits issued or renewed.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	A person may only water from 5 am to 9 am on any day if using a sprinkler . A person may water on any day at any time if using a handheld hose, soaker hose , water container, or drip irrigation .
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if: - for a health or safety reason ; - to prepare the surface for painting, sealing, or similar treatment; - to prevent or control fires; or - for aesthetic cleaning by a commercial cleaning operation .
	Topping up or filling aesthetic water features	Prohibited
Non-Residential Lots	Watering lawns	Prohibited
	Watering new lawns or lawns being treated for European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit issued when Stage 1 Restrictions were in force, until the permit expires. No new permits issued or renewed.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants and turf at turf farms	A person may only water from 4 am to 9 am on any day if using a sprinkler . A person may water on any day at any time if using a handheld hose, soaker hose , water container, or drip irrigation .
	Watering golf courses	Watering of fairways is allowed on no more than one day in a seven-day period, except if operating under an

		approved water management plan .
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if: - for a health or safety reason ; - to prepare the surface for painting, sealing, or similar treatment; - to prevent or control fires; or - for aesthetic cleaning by a commercial cleaning operation .
	Topping up or filling aesthetic water features	Prohibited.
Public Lots	Watering lawns and grass boulevards	Prohibited except when watering in accordance with an approved water management plan .
	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside restricted lawn watering days if in compliance with a permit issued when Stage 1 Restrictions were in force, until the permit expires. No new permits issued or renewed.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	Watering is only allowed from 4 am to 9 am on any day if using a sprinkler . Watering is allowed on any day at any time if using a handheld hose, soaker hose , water container, or drip irrigation .
	Watering soil-based playing fields	Watering is allowed on no more than four days in a seven-day period and only from 7 pm to 9 am, except if: - watering newly over-seeded fields if in compliance with a permit ; or - watering in accordance with an approved water management plan .
	Watering sand-based playing fields	Watering is only allowed from 7 pm to 9 am on any day, except if: - watering newly over-seeded fields if in compliance with a permit ; or - watering in accordance with an approved water management plan .
	Flushing water mains	Prohibited.
	Operating water play parks and pools	Prohibited except water play parks with user-activated switches.
	Topping up or filling aesthetic water features	Prohibited.

SCHEDULE C to BYLAW NO. 7784

STAGE 3 RESTRICTIONS

Lot	Water Use	Restriction
Residential Lots	Watering lawns	Prohibited.
	Watering new lawns or lawns being treated for the European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	Prohibited if using a sprinkler or soaker hose . A person may water on any day at any time if using a handheld hose, water container, or drip irrigation .
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if: - for a health or safety reason ; - to prepare the surface for painting, sealing, or similar treatment; or - to prevent or control fires.
	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited.
	Washing vehicles, boats, trailers and other motive equipment	Prohibited, except to clean windows, lights, mirrors, licence plates, and boat engines for safety.
Non-Residential Lots	Watering lawns	Prohibited.
	Watering new lawns or lawns being treated for European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants and turf at turf farms	Prohibited if using a sprinkler or soaker hose . A person may water on any day at any time if using a handheld hose, water container, or drip irrigation .
	Watering golf courses	Watering of fairways is prohibited except if operating under an approved water management plan .
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if: - for a health or safety reason ; - to prepare the surface for painting, sealing, or similar treatment; or - to prevent or control fires.

	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited except for pools and hot tubs operating in accordance with written permission issued by an authorized health authority .
	Washing vehicles, boats, trailers and other motive equipment	Prohibited except to clean windows, lights, mirrors, licence plates, and boat engines for safety.
	Commercial vehicle washing	Prohibited except if operating under the following conditions: <ul style="list-style-type: none"> - facilities that installed an automatic vehicle wash system before November 1, 2017: operating on a basic wash and rinse cycle only; - facilities that installed an automatic vehicle wash system after November 1, 2017: operating using a water recycling system that achieves a minimum 60% water recovery rate over the full wash cycle; or - hand wash and self-service facilities: operating using high-pressure wands or brushes that achieve a maximum flow rate of 11.4 litres per minute.
Public Lots	Watering lawns and grass boulevards	Prohibited.
	Watering new lawns or lawns being treated for the European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, and flowers, excluding edible plants	Prohibited if using a sprinkler or a soaker hose . Watering is allowed on any day at any time if using a handheld hose, water container , or drip irrigation .
	Watering soil-based playing fields	Watering is allowed on no more than 3 days in a 7-day period and only from 7 pm to 9 am, except if: <ul style="list-style-type: none"> - Watering newly over-seeded fields if in compliance with a permit; or - Operating under an approved water management plan.
	Watering sand-based playing fields	Watering is allowed on no more than 5 days in a 7-day period and only from 7 pm to 9 am, except if: <ul style="list-style-type: none"> - Watering newly over-seeded fields if in compliance with a permit; or - Operating under an approved water management plan.
	Flushing water mains	Prohibited.

	Operating water play parks and pools	Prohibited except water play parks with user-activated switches.
	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited except for pools and hot tubs operating in accordance with written permission issued by an authorized health authority .
	Washing vehicles, boats, trailers and other motive equipment	Prohibited except to clean windows, lights, mirrors, licence plates, and boat engines for safety.

SCHEDULE D to BYLAW NO. 7784

STAGE 4 RESTRICTIONS

Lot	Water Use	Restriction
Residential Lots	Watering lawns	Prohibited.
	Watering new lawns or lawns being treated for the European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, flowers, and edible plants	Prohibited.
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if ordered by a regulatory authority having jurisdiction, for a health or safety reason.
	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited.
	Washing vehicles, boats, trailers and other motive equipment	Prohibited except to clean windows, lights, mirrors, licence plates, and boat engines for safety.
Non-Residential Lots	Watering lawns	Prohibited.
	Watering new lawns or lawns being treated for European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, flowers, and edible plants	Prohibited.
	Watering golf courses	Prohibited.
	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	Prohibited except if ordered by a regulatory authority having jurisdiction, for a health or safety reason.
	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited.
	Washing vehicles, boats, trailers	Prohibited except to clean windows, lights, mirrors,

	and other motive equipment	licence plates, and boat engines for safety.
	Commercial vehicle washing	Prohibited.
	Watering turf at turf farms	Prohibited.
Public Lots	Watering lawns and grass boulevards	Prohibited.
	Watering new lawns or lawns being treated for the European Chafer Beetle	Prohibited. All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, flowers, and edible plants	Prohibited.
	Watering soil-based playing fields	Prohibited.
	Watering sand-based playing fields	Prohibited.
	Watering artificial turf and outdoor race tracks	Prohibited.
	Flushing water mains	Prohibited.
	Operating water play parks and pools	Prohibited.
	Topping up or filling aesthetic water features	Prohibited.
	Topping up or filling pools and hot tubs	Prohibited.
	Washing vehicles, boats, trailers and other motive equipment	Prohibited except to clean windows, lights, mirrors, licence plates, and boat engines for safety.