Bylaw 9774



Water Use Restriction Bylaw No. 7784, Amendment Bylaw No. 9774

The Council of the City of Richmond enacts as follows:

- 1. The Water Use Restriction Bylaw No. 7784, as amended, is further amended by:
 - a) deleting subsection 1.1.4 and replacing it with the following:
 - "1.1.4 If no **restriction stage** is in force on May 1st of any year, **Stage 1 Restrictions** come into force on that date without prior declaration of the **Commissioner** or announcement under subsection 1.1.2.";
 - b) deleting Section 2.1 to Section 2.7, replacing it with the following and renumbering the remaining sections:

"2.1 General Restrictions

- 2.1.1 All persons must comply with the following general restrictions when Stage 1 Restrictions, Stage 2 Restrictions, Stage 3 Restrictions or Stage 4 Restrictions are in force, in addition to the specific water restrictions set out for each individual restriction stage:
 - a) all hoses must have an automatic shut-off device;
 - b) water must not be unnecessarily run off on impermeable surfaces such as driveways, curbs, pathways, gutters when watering lawns and plants;
 - c) artificial playing turf and outdoor tracks must not be **watered** except for a health or safety reason;
 - d) hoses and taps must not run unnecessarily; and
 - e) irrigation systems must not be faulty, leaking, or misdirected.

2.2 Stage 1 to Stage 4 Restrictions

- 2.2.1 When **Stage 1 Restrictions** are in force, all **persons** must comply with the watering restrictions specified in Schedule A of this bylaw.
- 2.2.2 When **Stage 2 Restrictions** are in force, all **persons** must comply with the watering restrictions specified in Schedule B of this bylaw.

- 2.2.3 When **Stage 3 Restrictions** are in force, all **persons** must comply with the watering restrictions specified in Schedule C of this bylaw.
- 2.2.4 When **Stage 4 Restrictions** are in force, all **persons** must comply with the watering restrictions specified in Schedule D of this bylaw.

2.3 Exceptions to Water Use Restrictions

- 2.3.1 Notwithstanding the activation of any **restriction stage**, the **City** may use **water** and is exempt from the **water** restrictions applicable to that stage, where use of the **water** is needed to carry out activities required for the purpose of protecting public health and safety, including but not limited to:
 - a) flushing water mains where a significant health or safety concern is identified;
 - b) washing down public spaces where significant health concerns are raised, or on the recommendation of the local health authority;
 - c) wetting forest and park perimeters or boulevards as part of a fire prevention strategy during extreme hot and dry weather, or on the recommendation of the local fire authority; and
 - d) protection of publicly funded infrastructure such as community playing fields or swimming facilities, on the recommendation of the General Manager, Engineering & Public Works.";
- c) deleting Section heading PART THREE: PERMITS and replacing it with PART THREE: PERMITS AND WATER MANAGEMENT PLANS;
- d) inserting the following new subsection 3.1.2 and renumbering the remaining subsections:
 - "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 or Stage 2 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;";
- e) deleting newly renumbered subsection 3.1.4 and replacing it with the following:
 - "3.1.4 The General Manager, Engineering & Public Works, upon being satisfied that an applicant qualifies under subsection 3.1.1 or 3.1.2 and has complied with subsection 3.1.3, may issue a **permit** to the applicant and include terms and conditions in respect to the **permit**.";
- f) deleting newly renumbered subsection 3.1.9 and replacing it with the following:

- "3.1.9 When Stage 1 Restrictions or Stage 2 Restrictions are in force, a permit holder may apply for an extension of a permit issued for the purpose of 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 under Section 3.1. A permit issued for the purpose of subsection 3.1.1(b) cannot be extended. When Stage 3 Restrictions or Stage 4 Restrictions are in force, a permit holder may not apply for an extension.";
- g) inserting the following new Section 3.2:

"3.2 Water Management Plans

- 3.2.1 When Stage 1 Restrictions, Stage 2 Restrictions or Stage 3 Restrictions are in force, a person who is the owner or operator of lawns or grass boulevards on public lots, golf courses, soil-based playing fields, or sand-based playing fields may apply to the General Manager, Engineering & Public Works for approval of a Water Management Plan.
- 3.2.2 Applications for approval of a Water Management Plan must be accompanied by supporting documents and information as required by the General Manager, Engineering & Public Works.
- 3.2.3 The General Manager, Engineering & Public Works, upon being satisfied that an applicant has complied with subsection 3.2.2, may:
 - a) approve the Water Management Plan in whole or in part;
 - b) amend the Water Management Plan; or
 - c) impose additional commitments, conditions and restrictions as part of the Water Management Plan.
- 3.2.4 Notwithstanding Stage 1 Restrictions or Stage 2 Restrictions or Stage 3 Restrictions, the holder of an approved Water Management Plan is authorized to water in accordance with the terms and conditions of the approved Water Management Plan. Approved Water Management Plans do not exempt holders from Stage 4 Restrictions.
- 3.2.5 Termination or suspension of Water Management Plans:
 - a) The holder of an approved Water Management Plan may terminate such plan by notifying the General Manager, Engineering & Public Works in writing. Such termination shall be effective on the date specified in the notice or, if no date is specified in the notice, on the date on which the General Manager, Engineering & Public Works receives the notice.

- b) The General Manager, Engineering & Public Works may terminate or suspend a Water Management Plan for noncompliance with any terms and conditions contained within the Water Management Plan by notifying the holder of the plan in writing. Such termination or suspension shall be effective at the time such notification is given to the holder of the Water Management Plan.
- c) The General Manager, Engineering & Public Works may terminate or suspend a Water Management Plan for any reason by notifying the owner or operator in writing at least seven (7) days before the termination or suspension date.
- d) In the event of termination or suspension of the Water Management Plan, the requirements of the restriction stage currently in place shall apply.";
- h) inserting the following definitions in alphabetical order:

"AESTHETIC WATER FEATURE	means a fountain, pond, or other water feature that primarily serves an aesthetic purpose, but does not include ponds that contain fish.
AUTOMATIC VEHICLE WASH SYSTEM	means either a conveyor vehicle wash or in-bay vehicle wash .
BASIC WASH AND RINSE CYCLE	means a process sequence in an automatic vehicle wash system that consists of a single wash stage followed by a single rinse stage and no additional processes or optional stages, with total water usage being less than 200 litres per vehicle.
CONVEYOR VEHICLE WASH	means a commercial vehicle washing facility where the customer's vehicle moves through an enclosed conveyance mechanism during the wash.
EDIBLE PLANT	means a plant grown for the purpose of human consumption.
FAIRWAYS	means the part of a golf course between a tee and the corresponding green, but does not include tee areas and greens.
GOLF COURSE	means the greens, tee areas, and fairways that are designed and maintained as playing surfaces for golf, but does not include rough areas or lawns that are not maintained as playing surfaces.
HAND WASH AND SELF-	means a commercial vehicle washing facility where

SERVICE FACILITY	the facility's staff wash the customer's vehicle using spray wands and brushes, or the customer washes their own vehicles with spray wands and brushes.
IN-BAY VEHICLE WASH	means a commercial vehicle washing facility where the customer parks the vehicle inside a bay, and the vehicle remains stationary while a spray mechanism moves over the vehicle to clean it.
PUBLIC LOT	means a property zoned for local government, provincial, federal or regional district uses including, but not limited to, dedicated highways, road rights-of- way, park land, schools, college and university uses.
SAND-BASED PLAYING FIELD	means a playing field that is constructed with a highly permeable sand-based root zone, typically 30 to 40 centimetres deep, over a drainage system with drain pipes bedded in gravel, and is designed and maintained to be playable year-round.
SOAKER HOSE	means a garden hose or pipe with small holes that allow water to seep into the ground, to the roots of plants, discharging water through the entire length of its porous surface.
SOIL-BASED PLAYING FIELD	means a playing field that is covered with grass, sod or turf that is designed and maintained to be played upon, or that is used for sporting or other community events and activities, but does not include lawns , golf courses or sand-based playing fields .
SPRINKLER	means any device that sprays water in the absence of constant human control, which is attached to a hose or pipe located upon or under the surface of the ground, and excludes drip irrigation and soaker hoses .
WATER MANAGEMENT PLAN	means a plan proposed by the owner or operator of a lawn or grass boulevard on public lots , golf course , soil-based playing field or sand-based playing field to establish terms for watering during the different restriction stages to reduce water use and is submitted to and approved by the General Manager , Engineering & Public Works according to Part 3 of this bylaw.";

i) deleting the definitions for PERSON, STAGE 1 RESTRICTIONS, STAGE 2 RESTRICTIONS, STAGE 3 RESTRICTIONS and STAGE 4 RESTRICTIONS and replacing them with the following definitions:

"PERSON	means any individual but does not include a regional
	district, the provincial government, or any body
	appointed or created under an enactment of Canada
	or British Columbia.

STAGE 1 RESTRICTIONS means the restrictions on water use specified in Schedule A of this bylaw.

STAGE 2 RESTRICTIONS means the restrictions on water use specified in Schedule B of this bylaw.

STAGE 3 RESTRICTIONS means the restrictions on water use specified in Schedule C of this bylaw.

STAGE 4 RESTRICTIONS means the restrictions on water use specified in Schedule D of this bylaw."; and

- j) By adding Schedules A through D attached to and forming part of this bylaw as new Schedules A through D of Water Use Restriction Bylaw No. 7784.
- This Bylaw is cited as "Water Use Restriction Bylaw No. 7784, Amendment Bylaw No. 9774".

 FIRST READING
 MAR 2 6 2018
 CITY OF RICHMOND

 SECOND READING
 MAR 2 6 2018
 APPROVED for content by originating dept.

 THIRD READING
 MAR 2 6 2018
 SECOND

 ADOPTED
 ADOPTED
 APPROVED for legality by solicitor

MAYOR

CORPORATE OFFICER

SCHEDULE A to BYLAW NO. 9774

SCHEDULE A to BYLAW NO. 7784

STAGE 1 RESTRICTIONS

Lot	Water Use	Restriction
ots	Watering lawns	 A person may only water at the following times: Even-numbered civic addresses: on Wednesdays and Saturdays from 4 am to 9 am Odd-numbered civic addresses: on Thursdays and Sundays from 4 am to 9 am
Residential Lots	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 .
Res	Watering trees, shrubs, decorative planters, and flowers excluding edible plants	A person may only water from 4 am to 9 am 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.
l Lots	Watering lawns	A person may only water at the following times: - Even-numbered civic addresses: on Mondays from 1 am to 6 am and on Fridays from 4 am to 9 am - Odd-numbered civic addresses: on Tuesdays from 1 am to 6 am and on Fridays from 4 am to 9 am
Non-Residential Lots	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 .
Non-R	Watering trees, shrubs, decorative planters, and flowers (excluding edible plants and turf at turf farms)	A person may only water from 1 am to 9 am 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.
Public Lots	Watering lawns and grass boulevards	 Watering is only allowed at the following times, except when watering in accordance with an approved water management plan: Even-numbered civic addresses: on Mondays and Thursdays from 12 am to 6 am Odd-numbered civic addresses: on Tuesdays and Fridays from 12 am to 6 am
	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	 Watering is only allowed from 1 am to 9 am 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 only allowed from 7 pm to 9 am except: 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	 Watering is only allowed from 7 pm to 9 am except: - 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. 9774

SCHEDULE B to BYLAW NO. 7784

STAGE 2 RESTRICTIONS

Lot	Water Use	Restriction
	Watering lawns	 A person may only water at the following times: Even-numbered civic addresses: on Wednesdays from 4 am to 9 am Odd-numbered civic addresses: on Thursdays from 4 am to 9 am
S	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
Residential Lots	Watering trees, shrubs, decorative planters, and flowers excluding edible plants	A person may only water from 4 am to 9 am 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.
A	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	 Prohibited except if: For the health or safety of any person; To prepare the surface for painting, sealing, or similar treatment; To prevent or control fires; or For aesthetic cleaning.
	Topping up or filling aesthetic water features	Prohibited
ots	Watering lawns	 A person may only water at the following times: Even-numbered civic addresses: on Mondays from 1 am to 6 am Odd-numbered civic addresses: on Tuesdays from 1 am to 6 am
dential Lots	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
Non-Residenti	Watering trees, shrubs, decorative planters, and flowers excluding edible plants and turf at turf farms	A person may only water from 1 am to 9 am 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 the health or safety of any person; To prepare the surface for painting, sealing, or similar treatment; To prevent or control fires; or For aesthetic cleaning.
	Topping up or filling aesthetic water features	Prohibited
	Watering lawns and grass boulevards	 Watering is only allowed at the following times, except when watering in accordance with an approved water management plan: Even-numbered civic addresses: on Mondays from 1 am to 6 am Odd-numbered civic addresses: on Tuesdays from 1 am to 6 am
	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 .
Public Lots	Watering trees, shrubs, decorative planters, and flowers excluding edible plants	Watering is only allowed from 1 am to 9 am 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, 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. 9774

SCHEDULE C to BYLAW NO. 7784

STAGE 3 RESTRICTIONS

Lot	Water Use	Restriction
	Watering lawns	Prohibited
	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside lawn watering restrictions if in compliance with a issued in Stage 1 or Stage 2. No new permits shall be issued or renewed.
ots	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 .
Residential Lots	Washing impermeable surfaces (sidewalks, driveways, fences, walls, roofs, or other outdoor surfaces)	 Prohibited except if: For the health or safety of any person; 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.
	Watering lawns	Prohibited
ots	Watering new lawns or lawns being treated for European Chafer Beetle	A permit holder may water outside lawn watering restrictions if in compliance with a permit issued in Stage 1 or Stage 2. No new permits shall be issued or renewed.
cesidential Lots	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 .
Non-Reside	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	 Prohibited except if: For the health or safety of any person; To prepare the surface for painting, sealing, or

	surfaces)	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: 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; and 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.
	Watering lawns and grass boulevards	Prohibited
Public Lots	Watering new lawns or lawns being treated for the European Chafer Beetle	A permit holder may water outside lawn watering restrictions if in compliance with a permit issued in Stage 1 or Stage 2. No new permits shall be issued or renewed.
	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: 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: 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. 9774

SCHEDULE D to BYLAW NO. 7784

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STAGE 4 RESTRICTIONS

Lot	Water Use	Restriction
	Watering lawns	Prohibited
	Watering new lawns or lawns being treated for the European Chafer Beetle	All permits issued for lawn watering are revoked.
ots	Watering trees, shrubs, decorative planters, and flowers and edible plants	Prohibited
Residential Lots	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.
	Watering lawns (mixed-use buildings should follow non- residential lot watering times)	Prohibited
ots	Watering new lawns or lawns being treated for European Chafer Beetle	All permits issued for lawn watering are revoked.
sidential Lots	Watering trees, shrubs, decorative planters, and flowers and edible plants	Prohibited
Non-Res	Watering golf courses	Prohibited
Non	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

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	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.
	Commercial vehicle washing	Prohibited
	Watering turf at turf farms	Prohibited
	Watering lawns and grass boulevards	Prohibited
	Watering new lawns or lawns being treated for the European Chafer Beetle	All permits issued for lawn watering are revoked.
	Watering trees, shrubs, decorative planters, and flowers including edible plants	Prohibited
	Watering soil-based playing fields	Prohibited
Public Lots	Watering sand-based playing fields	Prohibited
Publi	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.