

NO: R091

COUNCIL DATE: May 2, 2016

REGULAR COUNCIL

TO: **Mayor & Council** DATE: **April 27, 2016**

FROM: **General Manager, Engineering** FILE: **5600-15**

SUBJECT: **Amendments to Water Shortage Response By-law, 2004, No. 15454**

RECOMMENDATION:

The Engineering Department recommends that Council:

1. Approve amendments to *Water Shortage Response By-law, 2004, No. 15454* as documented in Appendix “I” to this report; and
2. Authorize the City Clerk to bring forward the necessary Amendment Bylaw for the required readings.

INTENT

The purpose of this report is to obtain Council approval of amendments to the *Water Shortage Response By-law, 2004, No. 15454*, in response to the changes in the lawn sprinkling restrictions introduced by Metro Vancouver.

BACKGROUND

In 2011, Metro Vancouver revised its lawn sprinkling regulations to reduce peak period demand on the regional water transmission system, and the City subsequently enacted the regulations in 2012. There are 4 stages of sprinkling regulations in the Greater Vancouver Water District’s Water Shortage Response Plan.

Each year, Stage 1 of the Greater Vancouver Water District’s Water Shortage Response Plan (“Stage 1”) is in effect from June 1 to September 30. Stage 1 allows lawn sprinkling three days each week. Newly planted lawns and lawns under nematode treatment for the European chafer beetle may be sprinkled outside of restricted times, subject to the owner obtaining a permit from the City and having it displayed on the lawn.

On July 3, 2015, Metro Vancouver implemented Stage 2 of the Greater Vancouver Water District’s Water Shortage Response Plan (“Stage 2”). This was in response to the unusually warm weather in early spring and very low rainfall in May and June. Stage 2 imposes additional restrictions on outdoor water use on public and commercial facilities. This stage allows only one sprinkling day each week, forcing lawn irrigation to take place on one day instead of spreading out the irrigation water demand over three days, as under Stage 1.

On July 20, 2015, Metro Vancouver implemented Stage 3 of the Greater Vancouver Water District's Water Shortage Response Plan ("Stage 3") due to continued hot and dry weather in the region and increased water consumption. Stage 3 eliminates both residential and non-residential lawn sprinkling. Watering of flower and vegetable gardens, planters, shrubs and trees is only permitted using a hand-held hose with a spring-loaded shut-off nozzle, containers or drip irrigation. Stage 3 does not permit the outdoor washing or rinsing of vehicles and pleasure crafts, except for safety reasons (windows, lights and licenses only).

To better prepare for the upcoming summer, Metro Vancouver completed a series of consultations with member municipalities and selected business associations to evaluate the impacts given by the current Water Shortage Response Plan (WSRP) during summer 2015. Based on the results of this consultation, the Greater Vancouver Water District has authorized the following amendments to the WSRP:

- Stage 1: To extend the activation period to May 15 - October 15 (previously June 1 - September 30);
- Stage 2: To allow water to be used by commercial cleaning services for aesthetic cleaning; and
- Stage 3: To allow previously issued lawn sprinkling exemption permits to remain valid.

To introduce these changes in Surrey, amendments to the City's existing Water Shortage Response Bylaw is necessary.

DISCUSSION

The purpose of the WSRP is to ensure sustainable use of water resources by developing, implementing and enforcing consistent bylaws across the region to encourage efficient use of water; in particular, related to outdoor water use restrictions.

The proposed amendments are aimed to:

- Further promote water conservation in the region;
- Minimize the effect of the WSRP to certain businesses;
- Maintain fairness when implementing the WSRP; and
- Achieve consistency in implementing and enforcing the WSRP.

New Restriction Period

During the summer, water usage is typically significantly higher than other times of the year as a result of an increase in outdoor water use, for example lawn sprinkling, pools/water parks and outdoor cleaning.

The proposed amendment is to extend the Stage 1 restriction period to May 15 - October 15 (previously June 1 - September 30) to further promote water conservation in order to save our high quality drinking water for essential use.

Commercial Cleaning Services and Hosing of Outdoor Surface for Aesthetic Purpose

Under the current Water Shortage Response Bylaw, the use of pressure washing and hoses to wash outdoor surfaces during Stage 2 restriction is prohibited, unless the purpose of washing the surface is:

- To prepare for painting, sealing, or similar treatment; or
- For the health and safety of any person.

During the summer of 2015 when the Stage 2 restriction was activated, Surrey and most cities in the region received many complaints from pressure washing and window cleaning companies, as this restriction significantly affects their livelihood.

The proposed amendment to allow the use of commercial cleaning service for aesthetic purposes under Stage 2 restriction is fair and reasonable. This proposed amendment is in line with the current Stage 2 restriction under which commercial car washing is allowed.

Over and above Metro Vancouver's proposed amendments, staff recommend that all cleaning activities using a hose equipped with an automatic shut off device be allowed under Stage 2 restriction. With this proposed amendment, residents are not required to hire a commercial services company when they seek to clean their property. This further change will avoid confusion, since the current regulation allows the cleaning of boats and motor vehicles with a hose equipped with automatic shut off device without the hiring of a commercial cleaning service company.

Lawn Sprinkling Exemption Permits

Under the current Water Shortage Response Bylaw, a lawn sprinkling exemption permit becomes invalid when Stage 3 restriction is activated. There are currently two types of Lawn Sprinkling Exemption Permits that the City issues:

- Special Sprinkling Permit – New Lawn; and
- Special Sprinkling Permit – Natural Pest Control.

When the Stage 3 restriction was activated last summer, the City received complaints from residents who had made considerable investments on a new lawn or in natural pest control and had been issued the Special Sprinkling Permit by the City but could not use it anymore. Therefore, it is recommended to allow Special Sprinkling Permits issued prior to the announcement of Stage 3 restriction to remain valid during the Stage 3 restriction; however, no new Special Sprinkling Permits will be issued or renewed during Stage 3.

A summary the Current Restrictions and Proposed Amendments is included in Appendix "II". A summary of the proposed Summary of the Amended Water Shortage Response Bylaw for Each Stage of Water Use Restriction is included in Appendix "III".

Housekeeping Amendments

In addition to the recommended changes above, a number of housekeeping amendments are being recommended to ensure that the wordings are consistent throughout the Bylaw.

Implementation

Metro Vancouver will advertise the revised sprinkling regulations in major local newspapers. Subject to Council adopting the recommendations of this report, staff will initiate a public education campaign utilizing the City's website and newspaper ads to notify the public of the changes to the lawn sprinkling regulations.

Legal Services Review

Legal Services have reviewed this report and the related Bylaw amendments and have no concerns.

SUSTAINABILITY CONSIDERATIONS

The Bylaw amendments, as recommended, will assist in achieving the objectives of the Social and Environmental Pillars of the City's Sustainability Charter; more particularly the following goals:

- EN8: Sustainable Engineering Standards and Practices; and
- SC8: Municipal Outreach, Public Education and Awareness.

CONCLUSION

Based on the above, it is recommended that Council:

- Approve amendments to *Water Shortage Response By-law, 2004, No. 15454* as documented in Appendix "I" to this report; and
- Authorize the City Clerk to bring forward the necessary Amendment Bylaw for the required readings.

Fraser Smith, P.Eng., MBA
General Manager, Engineering

JA/clr

Appendix "I" - Proposed Amendments to *Water Shortage Response By-law, 2004, No. 15454*
Appendix "II" - Summary of Current Restrictions and Proposed Amendments
Appendix "III" - Summary of the Amended *Water Shortage Response By-law, 2004, No. 15454*
for each stage of water use restriction

CITY OF SURREY

BY-LAW NO. 18721

The Council of the City of Surrey, in open meeting assembled, ENACTS AS FOLLOWS:

1. "Water Shortage Response By-law, 2004, No. 15454", as amended, is hereby further amended as follows:
 1. By deleting existing Section 2.1(o) in its entirety;
 2. By adding the following new (i.1) and (i.2) to Section 2.1 immediately following existing Section 2.1(i):
 - (i.1) "Special Sprinkling Permit – Natural Pest Control" means a permit to grant special relaxation from the sprinkling regulation then in effect to water an existing Lawn after the application of natural pest control (nematode) with certain restrictions defined in the permit.
 - (i.2) "Special Sprinkling Permit – New Lawn" means a permit to grant special relaxation from the sprinkling regulation then in effect to water a newly seeded or sodded Lawn with certain restrictions defined in the permit .
 3. By deleting the words "June 1st" in Section 3.2 in their entirety and replacing them with the words "May 15th".
 4. By deleting the words "September 30th" in Section 3.4 wherever they appear and replacing them with the words "October 15th".
 5. By deleting existing Sections 4.1(a) and (b) in their entirety and replacing them with the following new Sections 4.1(a) and (b):
 - (a) the volume of Water historically consumed from the fifteenth day of May to the fifteenth day of October of each year;
 - (b) the volume of Water projected to be consumed from May 15th to October 15th of each year under the proposed Water Use Plan;
 6. By deleting existing Sections 5.1 and 5.2 in their entirety and replacing them with the following new Sections 5.1 and 5.2:
 - 5.1 A Person who:
 - (a) has installed a new Lawn, either by placing sod or turf or by seeding, or who has installed new landscaping on a substantial part of the outdoor portion of a premises may apply to the City Engineer for a Special Sprinkling Permit – New Lawn authorizing the Person to Water the new Lawn and new landscaping when Stage 1 Restrictions or Stage 2 Restrictions are in force, at times specified in the Permit, at the premises described in the Permit, during the currency of the Permit; or

- (b) uses nematodes to treat European Chafer Beetles on an existing Lawn as natural pest control may apply to the City Engineer for a Special Sprinkling Permit – Natural Pest Control authorizing the Person to Water the Lawn more frequently when Stage 1 Restrictions or Stage 2 Restrictions are in force, at times specified in the Permit, at the premises described in the Permit, during the currency of the Permit.

A Permit under this section 5.1 will remain valid until the stated expiry date if the permit was issued prior to the announcement of Stage 3 Restrictions. No permit will be issued or renewed after the announcement of Stage 3 Restrictions. A Permit does not exempt the holder from Stage 4 Restrictions.

- 5.2 The City Engineer, upon being satisfied that an applicant qualifies under section 5.1, shall issue to the applicant:

- (a) a Special Sprinkling Permit – New Lawn in the form set out in Schedule 6 upon payment by the applicant of a fee in the amount of \$35.00 for a single family dwelling unit and an additional \$35.00 for each of the dwelling units in a multiple residential development, to a maximum of \$175.00 for 5 or more dwelling units in a multiple residential development; or
- (b) a Special Sprinkling Permit – Natural Pest Control in the form set out in Schedule 7 to the applicant and no fee is payable by the applicant.

- 7. By adding new Sections 5.6 and 5.7 immediately following existing Section 5.5:

- 5.6 Despite section 5.5, no new Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control will be issued or renewed when Stage 3 Restrictions are in force. A Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control issued under Stage 1 Restrictions or Stage 2 Restrictions will remain valid until the stated expiry date, provided that the conditions of the Permit are met at all times.

- 5.7 Despite section 5.5, any issued Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control will no longer be valid when Stage 4 Restrictions are in force.

- 8. By deleting existing Section 1.2(a) in Schedule 1 in its entirety and replacing it with the following new Section 1.2(a):

- (a) a Person who waters a Lawn with a valid and subsisting Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control, at premises described in the Permit, provided the Person is and has been at all times in compliance with the Permit;

9. By deleting existing Section 2.1(c) in Schedule 1 in its entirety and replacing it with the following new Section 2.1(c):
 - (c) use a hose providing Water to wash driveways, sidewalks, parkades, walls, roofs or other outdoor surfaces, unless the hose is equipped with an Automatic Shut-off Device;
 10. By deleting existing Section 2.2(a) in Schedule 1 in its entirety and replacing it with the following new Section 2.2(a):
 - (a) a Person who Waters a Lawn with a valid and subsisting Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control, at premises described in the Permit, provided the Person is and has been at all times in compliance with the Permit;
 11. By deleting existing Section 3.1(a) (i) in Schedule 1 in its entirety and replacing it with the following new Section 3.1(a)(i):
 - (i) Lawns, except the Person who waters a Lawn with a valid and subsisting Special Sprinkling Permit – New Lawn or Special Sprinkling Permit – Natural Pest Control provided the Permit was issued prior to the announcement of Stage 3 Restrictions and the Person is and has been at all times in compliance with the Permit;
 12. By amending Section 3.1(c) in Schedule 1 by replacing the word "residential" with the word "any" and by adding the words "or pressure washer" after the word "hose" wherever it appears;
 13. By deleting existing Sections 3.1(d) and (e) in Schedule 1 in their entirety;
 14. By deleting existing Schedule 6 in its entirety and replacing it with the new Schedule 6 attached to this By-law; and
 15. By adding a new Schedule 7, Special Sprinkling Permit for Natural Pest Control, as attached to this By-law.
2. This By-law shall be cited for all purposes as "Water Shortage Response By-law, 2004, No. 15454, Amendment By-law, 2016, No. 18721".

PASSED FIRST READING on the 2nd day of May, 2016.

PASSED SECOND READING on the 2nd day of May, 2016.

PASSED THIRD READING on the 2nd day of May, 2016.

RECONSIDERED AND FINALLY ADOPTED, signed by the Mayor and Clerk, and sealed with the Corporate Seal on the_____.

_____MAYOR

_____CLERK



Special Sprinkling Permit – New Lawn

Watering of Newly Turfed or Seeded Lawns

This is to confirm that the residence at _____ has been granted a special relaxation from the sprinkling regulations now in effect and the resident is permitted to water the newly seeded/sodded lawn, in accordance with the following time restrictions, for a period of twenty-one (21) calendar days from the date of installation. **Should Stage 4 Restrictions be announced, this Permit is no longer valid.**

Sprinkling Permitted:

Days: Every day for three (3) weeks.

Time: 4:00 a.m. to 9:00 a.m.

Permit Effective Date:

From: _____ To: _____

Fraser Smith, P.Eng., MBA
General Manager, Engineering

Non-Refundable administration fee received. (Receipt No. _____)
File: 4520-09

OWNER'S/APPLICANT'S STATEMENT:

I acknowledge that:

- a. this Permit is required to be visibly displayed on the lawn of the residence during its term and that it will be an infraction of Water Response Shortage By-law, 2004, No. 15454 if this Permit is not so displayed;
- b. this Permit is issued specifically for lawn seeded/sodded within the last three weeks from the date of this application, as supported by an invoice or delivery slip from the professional landscape contractor who installed it;
- c. the permitted sprinkling will be done only during the hours stipulated on this Permit;
- d. the fee paid is non-refundable;
- e. this Permit is issued to the property at this address for a period of 21 days and may be renewed only once for an additional period of 21 days, if required, upon subsequent application to the City;
- f. upon expiry of this Permit, the prevailing sprinkling restrictions or ban will be applicable and observed;
- g. the City may withdraw or nullify this Permit at any time and will be under no obligation to refund the fee or provide any explanations; and
- h. should Stage 4 Restrictions be announced, this Permit is no longer valid.

Date of installation of new turf or seeding: _____

(Owner/Applicant)

(Signature)

Special Sprinkling Permit – Natural Pest Control

Watering of Existing Lawn after Application of Natural Pest Control (Nematode)

Property Address:

Permit Effective Date:

From: _____ To: _____

Days: Every day, for the period of 14 days; Time: 4:00 a.m. to 9:00 a.m.

Irrigation at this property is permitted outside of current water sprinkling restriction until the expiry date mentioned above. **Should Stage 4 Restrictions be announced, this Permit is no longer valid.** This Permit **MUST BE VISIBLY DISPLAYED** at the front of the property during its term.

OWNER'S/APPLICANT'S STATEMENT:

I acknowledge that:

- a. This Permit is required to be visibly displayed on the lawn of the residence during its term and that it will be an infraction of Water Response Shortage By-law, 2004, No. 15454 if this Permit is not so displayed;
- b. This Permit is specifically issued for naturally treating European Chafer Beetles in the property lawn by applying nematode treatment;
- c. The permitted sprinkling will be done only during the hours stipulated on this Permit;
- d. This Permit is issued to the property at this address for a period of 14 days and may be renewed only once for an additional period of 14 days, if required, upon subsequent application to the City;
- e. Upon expiry of this Permit, the prevailing sprinkling restrictions or ban will be applicable and observed;
- f. The City may withdraw or nullify this Permit at any time and will be under no obligation to provide any explanations; and
- g. Should Stage 4 Restrictions be announced, this Permit is no longer valid.

(Owner/Applicant)

(Signature)

Summary of Current Restrictions and Proposed Amendments

Restriction Stage	Current Restriction	Proposed Restriction
Stage 1	Start: June 1 End: September 30	Start: May 15 End: October 15
Stage 2	At non-residential and residential premises, the use of a pressure washer or a hose for aesthetic cleaning purpose is <u>not</u> allowed.	The use of a pressure washer or a hose (with automatic shut-off valve) for any purposes is allowed at residential and non-residential premises.
Stage 3	<ul style="list-style-type: none"> • All Special Sprinkling Permits become invalid • At non-residential premises, the use of a pressure washer or a hose for aesthetic cleaning purpose is <u>not</u> allowed. • At residential premises, the use of pressure washer is not allowed for any purpose. • At residential premises, the use of a hose is not allowed for aesthetic cleaning purpose. 	<ul style="list-style-type: none"> • Previously issued Special Sprinkling Permit remains valid • The use of a pressure washer or a hose (with automatic shut-off valve) for aesthetic purpose is not allowed in residential and non-residential premises.
Stage 4	No change	

APPENDIX “III”

Summary of the Amended Water Shortage Response By-law For Each Stage of Water Use Restriction

Water Shortage Response Plan Stage 1 - *At a Glance*

NOTE: These restrictions apply only to the use of treated drinking water. The WSRP restrictions do not apply to the use of rain water, gray water, any forms of recycled water, or other sources of water outside the GVWD.

	ACTIVITY	RESTRICTION DETAILS
RESIDENTIAL	<u>Lawn sprinkling</u>	<u>May 15 -Oct. 15</u> , even-numbered addresses - Monday, Wednesday and Saturday mornings (4 - 9 am), odd-numbered addresses - Tuesday, Thursday and Sunday mornings (4 - 9 am)
	<u>New (unestablished) lawns or lawn under Natural Pest Control</u>	Sprinkling outside restricted days allowed only with municipal permits to be displayed on lawn.
	Flowers, vegetables, planters, shrubs & trees	No restrictions
	Pools, spas, garden ponds	No restrictions
	Private outdoor impermeable surfaces (i.e., driveways, sidewalks)	If using hose, only with hose equipped with automatic shut-off device
	Pressure washing	No restrictions on pressure washing
	Outdoor car washing, boat washing	Only with hose equipped with automatic shut-off device
NON-RESIDENTIAL	<u>Lawn sprinkling (including cemeteries)</u>	<u>May 15 -Oct. 15</u> , even numbered addresses - Monday and Wednesday mornings(1 - 6 am), odd numbered addresses - Tuesday and Thursday mornings (1 -6am), all non-residential addresses - Friday mornings (4 -
	<u>New (unestablished) lawns or lawn under Natural Pest Control</u>	Sprinkling outside restricted days allowed only with municipal permits to be displayed on lawn.
	Flowers, vegetables, decorative planters, shrubs & trees	No restrictions on watering of flowers, vegetables, planters, shrubs and trees
	Pools, spas, garden ponds	No restrictions
	Fountains and water features	No restrictions
	Outdoor impermeable surfaces (i.e., driveways, sidewalks and parkades)	Only with hose equipped with automatic shut-off device
	Pressure washing	No restrictions on pressure washing
	Outdoor car washing, boat washing	Only with hose equipped with automatic shut-off device
	Indoor commercial carwashes	No restrictions on the car washing operation
	Golf courses	Municipalities request golf course operators cut water use on fairways by as much as possible.
	Turf farms	No restrictions on watering of commercial turf
Artificial turf and outdoor tracks (i.e., bicycle, motorcycle & running tracks)	Only for dust control or safety purposes	

		ACTIVITY	RESTRICTION DETAILS
PUBLIC		School yards, sports and sand-based playing fields	No restrictions
		Water play parks and pools	No restrictions
		Fountains and water features	No restrictions
		Municipal parks	No restrictions
		Municipal ornamental lawns, grassed boulevards.	May 15 - Oct. 15, even numbered addresses - Monday and Wednesday mornings (1 - 6 am), odd numbered addresses - Tuesday and Thursday mornings
		Municipal hydrant flushing	Only for unscheduled safety or public health reason. Routine flushing to be scheduled outside WSRP timeframe.

For information regarding enforcement of the WSRP, please contact your municipality.

For general WSRP information, please contact the METRO VANCOUVER Information Centre at 604-432-6200.

Water Shortage Response Plan Stage 2 - At a Glance

NOTE: These restrictions apply only to the use of treated drinking water. The WSRP restrictions do not apply to the use of rain water, gray water, any forms of recycled water, or other sources of water outside the GVWD.

	ACTIVITY	RESTRICTION DETAILS
RESIDENTIAL	Lawn sprinkling	Only once weekly. even numbered addresses - Monday morning only (4 - 9 am), odd-numbered addresses - Thursday morning only (4 - 9 am)
	New (unestablished) lawns or lawn under Natural Pest Control	Sprinkling outside restricted days allowed only with municipal permits to be displayed on lawn.
	Flowers, vegetables, planters, shrubs & trees	No restrictions on watering of flowers, vegetables, planters, shrubs and trees
	Pools, spas, garden ponds	No restrictions
	Private outdoor impermeable surfaces (i.e., driveways, sidewalks)	If using hose, only with hose equipped with automatic shut-off device
	<u>Pressure washing</u>	<u>No restrictions</u>
	Outdoor car washing, boat washing	Only with hose equipped with automatic shut-off device
NON-RESIDENTIAL	Lawn sprinkling (including cemeteries)	Only once weekly. even-numbered addresses-Wednesday morning (1-6am), odd-numbered addresses - Tuesday mornings (1 - 6 am)
	New (unestablished) lawns or lawn under Natural Pest Control	Sprinkling outside restricted days allowed only with municipal permits to be displayed on lawn.
	Flowers, vegetables, decorative planters, shrubs & trees	No restrictions on watering of flowers, vegetables, planters, shrubs and trees
	Pools, spas, garden ponds	No restrictions
	Fountains and water features	All shut down
	<u>Outdoor impermeable surfaces (i.e., driveways, sidewalks and parkades)</u>	<u>If using hose, only with hose equipped with automatic shut-off device</u>
	<u>Pressure washing</u>	<u>No restrictions</u>
	Outdoor car washing, boat washing	Only with hose equipped with automatic shut-off device
	Indoor commercial carwashes	No restrictions on the car washing operation
	Golf courses	Water greens and tee areas normally; fairways only once weekly. Signage indicating the use of non-GVWD water is encouraged.
	Turf farms	No restrictions on watering of commercial turf
Artificial turf and outdoor tracks (i.e., bicycle, motorcycle & running tracks)	Only for dust control or safety purposes	
PUBLIC	School yards, sports and sand-based playing fields	Minimum levels required to maintain areas in useable condition.
	Water play parks and pools	Only water play parks with user-activated switches will be operated.
	Fountains and water features	All shut down
	Municipal parks	Only once weekly. even-numbered addresses - Wednesday morning (1 - 6 am), odd-numbered addresses - Tuesday mornings (1 - 6 am)
	Municipal ornamental lawns, grassed boulevards.	Only once weekly. even-numbered addresses - Wednesday morning (1 - 6 am), odd-numbered addresses - Tuesday mornings (1 - 6 am)
	Municipal hydrant flushing	Only for unscheduled safety or public health reason. Routine flushing to be scheduled outside WSRP timeframe.

For information regarding enforcement of the WSRP, please contact your municipality.

For general WSRP information, please contact the METRO VANCOUVER Information Centre at 604-432-6200.

Water Shortage Response Plan Stage 3 - *At a Glance*

NOTE: These restrictions apply only to the use of treated drinking water. The WSRP restrictions do not apply to the use of rain water, gray water, any forms of recycled water, or other sources of water outside the GVWD.

		ACTIVITY	RESTRICTION DETAILS
RESIDENTIAL		Lawn sprinkling	All forms of watering using treated drinking water are prohibited.
		<u>New (unestablished) lawns or lawn under Natural Pest Control</u>	<u>No new permits issued or renewed. All existing permits remain valid until the expiry date.</u>
		Flowers, vegetables, planters, shrubs & trees	Only if done by hand using hose equipped with automatic shut off device, or using containers or drip irrigation. Use of sprinklers or soaker hoses is prohibited.
		Pools, spas, garden ponds	Filling or Refilling is prohibited.
		Private outdoor impermeable surfaces (i.e., driveways, sidewalks)	Only with hose equipped with automatic shut off device and only for health and safety purposes or to prepare a surface for sealing or similar treatment. Washing for aesthetic purposes is prohibited.
		<u>Pressure washing</u>	<u>Pressure washing is only for health and safety purposes or to prepare a surface for sealing or similar treatment. Pressure washing for aesthetic purposes is prohibited.</u>
		Outdoor car washing, boat washing	No outdoor washing or rinsing of vehicles and pleasure crafts, except for safety (windows, lights and licenses only).
NON-RESIDENTIAL		Lawn sprinkling (including cemeteries)	All forms of watering using treated drinking water are prohibited.
		<u>New (unestablished) lawns or lawn under Natural Pest Control</u>	<u>No new permits issued or renewed. All existing permits remain valid until the expiry date.</u>
		Flowers, vegetables, decorative planters, shrubs & trees	Only if done by hand using a hose equipped with automatic shut off device, or using containers or drip irrigation. Use of sprinklers or soaker hoses is prohibited.
		Pools, spas, garden ponds	Refilling is prohibited.
		Fountains and water features	All shut down
		Outdoor impermeable surfaces (i.e., driveways, sidewalks and parkades)	Only with hose equipped with automatic shut off device and only for health and safety purposes or to prepare a surface for sealing or similar treatment. Washing for aesthetic purposes is prohibited.
		Pressure washing	Only for health and safety purposes or to prepare a surface for painting or similar treatment. Washing for aesthetic purposes is prohibited.
		Outdoor car washing, boat washing	No outdoor washing or rinsing of vehicles and pleasure crafts, except for safety (windows, lights and licenses only).
		Indoor commercial carwashes	No restrictions on the car washing operation
		Golf courses	Water greens and tee areas at minimum levels required to maintain areas in useable condition; fairways may not be watered.
		Turf farms	No restrictions on watering of commercial turf
		Artificial turf and outdoor tracks (i.e., bicycle, motorcycle & running tracks)	Only for dust control or safety purposes

PUBLIC	School yards, sports and sand-based playing fields	Minimum levels required to maintain areas in useable condition.
	Water play parks and pools	Only water play parks with user-activated switches will be operated.
	Fountains and water features	All shut down
	Municipal parks	All forms of watering using treated drinking water are prohibited.
	Municipal ornamental lawns, grassed boulevards.	All forms of watering using treated drinking water are prohibited.
	Municipal hydrant flushing	Only for unscheduled safety or public health reason. Routine flushing to be scheduled outside WSRP timeframe.

For information regarding enforcement of the WSRP, please contact your municipality.

For general WSRP information, please contact the METRO VANCOUVER Information Centre at 604-432-6200.

Water Shortage Response Plan Stage 4 - *At a Glance*

NOTE: These restrictions apply only to the use of treated drinking water. The WSRP restrictions do not apply to the use of rain water, gray water, any forms of recycled water, or other sources of water outside the GVWD.

		ACTIVITY	RESTRICTION DETAILS
RESIDENTIAL		Lawn sprinkling	All forms of watering using treated drinking water are prohibited.
		New (unestablished) lawns or lawn under Natural Pest Control	No new permits issued or renewed. All previously issued permits are invalid.
		Flowers, vegetables, planters, shrubs & trees	All forms of watering using treated drinking water are prohibited.
		Pools, spas, garden ponds	Filling or refilling is prohibited.
		Private outdoor impermeable surfaces (i.e., driveways, sidewalks)	All forms of hosing of outdoor surfaces are prohibited unless ordered by a regulatory authority (i.e., WCB, public health inspector, etc.).
		Pressure washing	All forms of hosing of outdoor surfaces are prohibited unless ordered by a regulatory authority for health and safety reasons (i.e., WCB, public health inspector, etc.).
		Outdoor car washing, boat washing	No outdoor washing or rinsing of vehicles and pleasure crafts, except for safety (windows, lights and licenses only).
NON-RESIDENTIAL		Lawn sprinkling (including cemeteries)	All forms of watering using treated drinking water are prohibited.
		New (unestablished) lawns or lawn under Natural Pest Control	No new permits issued or renewed. All previously issued permits are invalid.
		Flowers, vegetables, decorative planters, shrubs & trees	All forms of watering using treated drinking water are prohibited.
		Pools, spas, garden ponds	Refilling is prohibited.
		Fountains and water features	All shut down
		Outdoor impermeable surfaces (i.e., driveways, sidewalks and parkades)	All forms of hosing of outdoor surfaces are prohibited unless ordered by a regulatory authority for health and safety reasons (i.e., WCB, public health inspector, etc.).
		Pressure washing	All forms of hosing of outdoor surfaces are prohibited unless ordered by a regulatory authority for health and safety reasons (i.e., WCB, public health inspector, etc.).
		Outdoor car washing, boat washing	No outdoor washing or rinsing of vehicles and pleasure crafts, except for safety (windows, lights and licenses only).
		Indoor commercial carwashes	All shut down
		Golf courses	All forms of watering using treated drinking water are prohibited.
		Turf farms	All forms of watering using treated drinking water are prohibited.
		Artificial turf and outdoor tracks (i.e., bicycle, motorcycle & running tracks)	All forms of watering using treated drinking water are prohibited.
PUBLIC		School yards, sports and sand-based playing fields	All forms of watering using treated drinking water are prohibited.
		Water play parks and pools	All water parks shut down. Municipal outdoor pools closed. Winterization deferred until Stage 4 is lifted by GVWD.
		Fountains and water features	All shut down
		Municipal parks	All forms of watering using treated drinking water are prohibited.
		Municipal ornamental lawns, grassed boulevards.	All forms of watering using treated drinking water are prohibited.
		Municipal hydrant flushing	Only for unscheduled safety or public health reason. Routine flushing to be scheduled outside WSRP timeframe.

For information regarding enforcement of the WSRP, please contact your municipality.

For general WSRP information, please contact the METRO VANCOUVER Information Centre at 604-432-6200.