

Van Anda Improvement District

Water Conservation Bylaw # 163

A bylaw for conservation of water in the Van Anda Improvement District water system.

The Trustees of the Van Anda Improvement District ENACT AS FOLLOWS:

Definitions

1. In this bylaw, unless the context otherwise requires, the following definitions shall apply:

Appliance means a device or mechanism, other than that owned and operated by the Improvement District, in or through which water is piped or used for a domestic or commercial purpose;

Board means the board of the Van Anda Improvement District;

Boat means a vessel propelled on water by an engine, oars, or sails;

Micro-irrigation or drip-irrigation system means a system using irrigation components which consume less than 91 litres (20 gallons) per hour and operate at less than 172 kilopascal (25 pounds per square inch) to deliver water to the root zone of the plant material being irrigated, and includes spray emitter systems (micro-sprays), point source emitters, and linear tape systems as defined in the BC Trickle Irrigation Manual prepared and published by the BC Ministry of Agriculture and Food, Resource Management Branch (issue 1999), but does not include weeper or soaker hoses;

Notice means a notice given under section 9 of this bylaw;

Occupier has the same meaning as in the Water Act;

Over-watering means to water in a manner that saturates the lawn or landscaped area being watered and results in water spreading onto areas beyond them;

Owner has the same meaning as in the Water Act;

Sprinkler means a hose connected or other sprinkler system but excludes a micro-irrigation or drip-irrigation system;

Stage means stages 1, 2, 3, and 4 of the water use restrictions prescribed in schedule "A" of this bylaw;

VAID means the Van Anda Improvement District;

Vehicle means a device in, on, or by which a person or thing is or may be transported or drawn on a highway;

Water means water supplied by the VAID directly or indirectly to an owner or occupier or the act of using or applying such water; and

Water use restrictions means the restrictions prescribed in schedule "A" of this bylaw.

Application

2. The restrictions and regulations in this bylaw are applicable in the Van Anda Improvement District boundaries.



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Prohibitions

3. The prohibitions in subsections (a), (b), (c) and (d) are in force at all times of the year.
 - a) No person shall damage or allow the deterioration of any appliance so as to result in an increase in water use.
 - b) No person shall waste water by using more water than is required to provide a service, produce a product, or complete a task, including but not limited to allowing a tap or hose to run water unnecessarily and over-watering plants or lawns.
 - c) No person shall apply water intended for irrigation to an impervious surface such as a street, parking lot, sidewalk or driveway.
 - d) No person, being an owner or occupier of property in the Improvement District or in an electoral area service area, shall use water or cause water to be used contrary to the restrictions in effect at the time pursuant to schedule "A" of this bylaw.

Inspection

4. The water operator or any board trustee has the authority to enter at all reasonable times on any property that is subject to this bylaw to ascertain whether the requirements of this bylaw are being met or the regulation in this bylaw are being observed.

Effective Dates of Stages and Restrictions

5.
 - a) Stage 1 and the water use restrictions for Stage 1 prescribed in schedule "A" are in effect from April 1 to May 14 unless Stage 2, 3, or 4 are in effect.
 - b) Stage 2 and the water use restrictions for Stage 2 prescribed in schedule "A" are in effect from May 15 to October 15 unless Stage 3 or 4 are in effect.
 - c) The board of trustees by written determination, may
 - i. Amend the effective period of time for any stage of water use restriction, or
 - ii. Terminate or bring into effect a stage more restrictive than Stage 1 at any time of the year for any period of time.
6. In the event of system failure which limits the delivery of water at normal volumes, the administrative officer, water operator or board of trustees of the VAID may implement water restrictions as necessary to maintain the water system without consultation within the VAID boundaries.
7. The stage determined under section 11 and the water use restrictions prescribed under schedule "A" for that stage take effect on the commencement date stated in this bylaw or the notice for that stage and remain in effect until that stage is terminated.
8. A stage will remain in effect until it is terminated under this bylaw or until the commencement of another stage.

Notice

9. The administrative officer, water operator or board trustee must give notice or cause notice to be given to persons within the VAID boundaries of the applicable stage determined under section 5 and its effective dates of commencement and termination.

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- a) The notice must be given at least once before the commencement of a more restrictive stage.
 - b) The notice must be posted on the Van Anda Fire Hall, VAID website, and posters strategically placed at locations across Texada Island.
10. In the event of system failure which limits the delivery of water at normal volumes, the administrative officer, water operator or any board trustee may implement water restrictions as necessary to maintain the water system. Notices will be posted announcing the expected duration of the event.

Determination Factors

11. In making a determination under section 5 c), the administrative officer, water operator or board trustee may consider:
- a) Water levels in Priest Lake;
 - b) Extended dry and/or drought weather conditions;
 - c) The need to reduce peak demands on the water system; and
 - d) Operational factors which limits the ability to supply normal water capacity.

Water Use Restrictions

12. The water use restrictions for each stage are prescribed in schedule "A" to this bylaw and must be obeyed during the period that the applicable stage is in effect under this bylaw.

Schedules

13. Schedule "A" of this bylaw forms part of and is enforceable in the same manner as this bylaw.

Penalty

14. Any person who commits an offence under this bylaw is liable on summary conviction to a penalty in accordance with the Offence Act, liable to a fine of not less than \$100 and subject to the maximum fines.
15. In the case of a continuing violation, each day that a violation continues to occur shall constitute a separate offence.

Bylaw citation and effective date

16. This Bylaw repeals Bylaw # 158 from 2021.
17. This bylaw may be cited as the "Van Anda Improvement District Water Conservation Bylaw, 2022".

INTRODUCED and given first reading by the Trustees on the 18th day of May 2022.

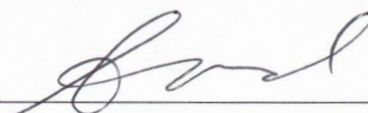
RECONSIDERED and finally passed by the Trustees on the 18th day of May 2022.

Chair of the Trustees



I hereby certify under the seal of the VAN ANDA IMPROVEMENT DISTRICT that this is a true copy of **BYLAW NO. 163**

Administrator



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SCHEDULE "A"

VAN ANDA IMPROVEMENT DISTRICT WATER CONSERVATION BYLAW, 2022

The following conditions apply to all stages:

- a) No person shall use a water hose unless it is equipped with a handheld automatic shut off nozzle.
- b) Hand watering is to be done by a handheld container or a handheld hose equipped with an automatic shut-off nozzle.

STAGE 1

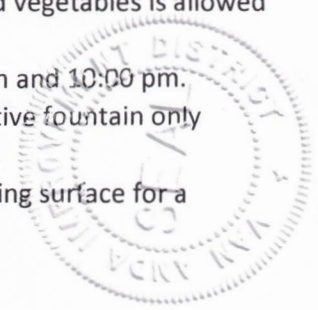
Stage 1 water conservation level will come into effect April 1 of every year and the following restrictions apply:

- a) A person may use a sprinkler to water lawns for a maximum of one hour, at any time of day, one day a week.
- b) Hand watering and use of sprinklers to water trees, shrubs, flowers, and vegetables is allowed for a maximum of one hour, at any time, on any day.
- c) Use of micro-irrigation or drip irrigation systems to water trees, shrubs, flowers, and vegetables is allowed on any day, at any time, as required.
- d) A person may wash a vehicle or boat at a residential property only between 6:00 pm and 10:00 pm
- e) A person may fill or add water to a swimming pool, hot tub, garden pond or decorative fountain only between 6:00 pm and 10:00 pm.

STAGE 2

Stage 2 water conservation level is in effect May 15th to October 15th with the following restrictions applying:

- a) Watering may be done only on dates that are based on the addresses i.e. households with even number address may water only on even number dates; households with odd number address may water only on odd number dates.
- b) A person may use a sprinkler to water lawns for a maximum of one hour, only between 5:00 am and 9:00 am or 8:00 pm and 12 midnight, one day a week.
- c) Hand watering and use of sprinklers to water trees, shrubs, flowers and vegetables is allowed for a maximum of one hour per coverage area, only during the following times:
 - a. May to August: between 8:00 pm and 8:00 am
 - b. September: between 7:00 pm and 8:00 am
 - c. October: between 6:00 pm and 8:00 am
- d) Use of micro-irrigation or drip irrigation systems to water trees, shrubs, flowers, and vegetables is allowed on any day, at any time, as required.
- e) A person may wash a vehicle or boat at a residential property only between 6:00 pm and 10:00 pm.
- f) A person may fill or add water to a swimming pool, hot tub, garden pond or decorative fountain only between 6:00 pm and 10:00 pm.
- g) A person may wash outside surfaces like walk/driveways, exterior windows or building surface for a maximum of two hours, at any time of day.



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STAGE 3 – NO LAWN WATERING

If the Board of Trustees of the VAID declare a Stage 3 water conservation level the following restrictions apply:

- a) No person shall
 - i. Water a lawn.
 - ii. Wash a vehicle, RV, or a boat.
 - iii. Fill or add water to a swimming pool, hot tub, garden pond or decorative fountain.
 - iv. Wash any outdoor surface including any sidewalk, walkway, driveway, patio, deck, or window.
- b) Hand watering and use of sprinklers to water trees, shrubs, flowers, and vegetables is allowed for a maximum of one hour per coverage area, only during the following times:
 - i. May to August: between 8:00 pm and 8:00 am
 - ii. September: between 7:00 pm and 8:00 am
 - iii. October: between 6:00 pm and 8:00 am
- c) Use of micro-irrigation or drip irrigation systems to water trees, shrubs, flowers, and vegetables is allowed on any day, at any time, as required.

STAGE 4

- a) No person shall
 - a. Water a lawn.
 - b. Wash a vehicle, RV, or a boat.
 - c. Fill or add water to a swimming pool, hot tub, garden pond or decorative fountain.
 - d. Wash any outdoor surface including any sidewalk, walkway, driveway, patio, deck, or window.
- b) Hand watering and use of sprinklers to water trees, shrubs, flowers, and vegetables is allowed for a maximum of one hour per coverage area, only during the following times, and only twice in a week:
 - a. May to August: between 8:00 pm and 8:00 am
 - b. September: between 7:00 pm and 8:00 am
 - c. October: between 6:00 pm and 8:00 am
- c) Use of micro-irrigation or drip irrigation systems to water trees, shrubs, flowers, and vegetables is allowed on any day, at any time, as required.

A true copy of Bylaw No. 163 _____
registered in the office of the
Inspector of Municipalities this
____th ____day of February 2023



Deputy Inspector of Municipalities

