

DISTRICT OF BARRIERE
DRAFT BYLAW NO. 265

A BYLAW TO REGULATE, PROHIBIT, AND IMPOSE REQUIREMENTS IN RELATION
TO CONNECTION TO AND USE OF THE WATERWORKS SYSTEM WITHIN THE
DISTRICT OF BARRIERE

The Council for the District of Barriere, in open meeting lawfully assembled, **ENACTS** as follows:

1. Title

1.1 This bylaw may be cited as the “*Water Regulations Bylaw No. 265*”.

2. Definitions:

2.1 In this bylaw, unless the context requires otherwise:

“**Agricultural Irrigation**” shall mean a system of irrigation involving the controlled delivery of water for the purpose of cultivating crops and/or livestock;

“**Applicant**” shall mean any owner or their agent making an application for service, service connection, or the Turn On or Turn Off of water;

“**Approved Backflow Prevention Assembly**” shall mean a backflow preventer that is designed to be tested and repaired in-line and meets the design and installation criteria requirement of the Canadian Standards Association (CSA) standards B.64.10-07/Series 01 (or the most current) and the USC FCCCHR approval criteria;

“**Auxiliary Water Source**” shall mean any water supply on or available to the premises other than the District of Barriere’s approved public water supply;

“**Backflow**” shall mean flow of water or other liquids, gases or solids from any source back into the Customer’s plumbing system or the Waterworks system;

“**Backflow Assembly Test Report**” shall mean a form provided by or approved for use by the District of Barriere to be used when testing backflow assemblies to record all pertinent information and test data;

“**Backflow Assembly Tester**” shall mean a person holding a valid certificate from the American Water Works Association – British Columbia Section, for testing backflow prevention assemblies.

“**Backflow Preventer**” shall mean a mechanical apparatus installed in a water system that prevents backflow of Contaminants into the Waterworks system;

“**Bylaw Notice Enforcement Bylaw**” means the District’s current Bylaw Enforcement Bylaw No. 95, as amended or replaced from time to time.

“Bylaw Enforcement Officer” means an RCMP Officer, peace officer, and/or any of the following District of Barriere staff or their designate:

- Chief Administrative Officer
- Bylaw Enforcement Officer
- Utilities Manager
- Utilities Staff (Operators)
- Building Inspector

“Commercial User” shall mean any user other than domestic user;

“Connection or Connect” shall mean tying into, tapping or otherwise connecting to the waterworks system of the District by means of pipes, valves, fittings or other apparatus;

“Conservation Stage” means restrictions and conservations on water use as specified in Schedule A of this bylaw;

“Contaminant” shall mean any physical, chemical, biological or radiological substance or matter in water which may render the water non-potable, according to regulations of the Province of British Columbia Drinking Water Protection Act & Regulations, or other applicable legislation of the day;

“Council” shall mean the Council of the District of Barriere;

“Curb Stop” shall mean the valve on a service pipe located on the street or lane at or near an Owner’s parcel boundary;

“Customer” shall mean the registered Owner or agent for the Owner of any property served by the District’s Waterworks System, and also any person who is the occupier of any such premises, and also any person who obtains water from a fire hydrant or by any service from the waterworks system;

“Cross Connection” means any actual or potential physical connection whereby the District’s Waterworks System is connected, directly or indirectly, with any non-potable or unapproved private water system, sewer, drain, conduit, well, pool, storage reservoir, plumbing fixture, or any other device which contains, or may contain contaminated water, liquid, gases, sewage, or other waste, or unknown or unsafe quality which may be capable of imparting contamination to the public water supply as a result of backflow;

“Cross Connection Control Program” means the District of Barriere Cross Connection Control Program and Guidelines which provide further reference and direction, standard operating procedures, bulletins and other program updates relevant to this bylaw;

“CSA” is the abbreviation for the Canadian Standards Association;

“Discontinue” means to terminate the arrangement between the District of Barriere and the Customer for the supply of water and to Turn Off the service pipe, disconnect it, or remove it;

“Disconnection” shall mean the turning off or complete removal of a water connection;

"District" means the District of Barriere.

"Domestic Use" means the use of water for normal operation of a residential home;

"Domestic User" shall mean any Owner of land connected to the Waterworks system using water for residential household requirements, sanitation, fire prevention, or lawn and garden irrigation purposes;

"Drip Irrigation" means a system of irrigation involving the controlled delivery of minimal water directly to individual plants through a network of tubes or pipes;

"Duly Authorized Agent" includes a person, firm or corporation authorized to act either on behalf of an Owner or the District as specified;

"Dwelling Unit" shall mean a building or portion of a building where one or more rooms with self-contained cooking, eating, living, sleeping and sanitary facilities are used or intended to be used as a single residential unit for one or more persons.

"Fees and Charges Bylaw" means the current Fees and Charges Bylaw No.73, as amended or replaced from time to time;

"Fill" means to fill more than 15% of the total capacity of a swimming pool, wading pool, hot tub, garden pond or decorative fountain or water feature;

"Fire Hydrant Use Permit" means a permit used by the District of Barriere for any person requesting water from a Fire Hydrant for purposes other than emergency fire protection;

"Meter Pit" shall mean a chamber installed below or above ground over a residential or irrigation water service for the purpose of installing a Water Meter;

"Occupier" has the same meaning as in the *Community Charter*, as amended or replaced from time to time.

"Owner" has the same meaning as in the *Community Charter*, as amended or replaced from time to time.

"Potable Water" means water that is fit for human consumption as defined in the Drinking Water Protection Act and Regulations;

"Premises" means land, a building, or a structure or a part of land, a building, or a structure or a combination of these used or occupied by a Customer.

"Private Water system" shall mean any privately owned pipe and fittings intended for the delivery or distribution of water within a premise or to a property and includes any domestic use, irrigation system, green house and hydroponics system, and any other use of water supplied by the Waterworks System;

“Reduced Pressure Backflow Assembly” a backflow preventer consisting of a mechanically independent acting, hydraulically dependent relief valve located in a chamber between two independently operating, force-loaded check valves, the intermediate chamber pressure always being lower than the supply pressure when there is a positive pressure on the supply side. The unit includes properly located resilient-sealed test cocks and tightly closing resilient-seated shut-off valves at each end of the assembly. This device is designed for use under continuous pressure;

“Service” shall mean the supply of water from the District of Barriere Water System to any property and shall include all pipes, taps, valves, connections and other things necessary to supply or actually used for the purpose of such supply;

“Service Connection” shall mean the connecting line from the Waterworks System to the parcel boundary and includes all related pipes, shut-off valves and other appurtenances;

“Soaker Hose” shall mean is a porous flexible tube that looks like a garden hose;

“Staff” means Chief Administrative Officer or designate.

“Top-up” shall mean less than 15% of the total capacity of a swimming pool, wading pool, hot tub, garden pond or decorative fountain or water feature;

“Turn-Off” shall mean to discontinue the Water Service to any Owner or any lot by closing a Curb Stop or by such other means as the District finds appropriate;

“Turn-On” shall mean to commence the service to any owner or any lot by opening a Curb Stop or by such other means as the District finds appropriate;

“Used Water” means any potable water which is no longer in the waterworks distribution system including potable water that has moved downstream or past the service connection (curb stop) and/or the property line to the private water system;

“Utility Billing Bylaw” means the District's current Utility Billing Bylaw, as amended or replaced from time to time.

“Water Connection” shall mean a connection to a main supply line and extending to the property line of the owner for the purpose of conveying water to the said owner;

“Water Meter” means an apparatus or device used for measuring the volume of water passing through it and includes any accessories such as remote reader device and connection cable;

“Water Service” means and includes the supply of water to any Owner or any lot and all the pipes, valves, fittings, meters, connections and other components necessary for the purpose of such supply;

“Watering System” means a watering system which may include in-ground, automated or drip systems, hoses or sprinklers, that supply domestic use water outdoors and which consumes less than 12 imperial gallons per minute and operates at less than 65psi.

“Waterworks System” shall mean the entire water system operated by the District, including, without limitation, the distribution systems and the intake, any water treatment facilities, pipes, valves, meters, transmission and distribution lines, pumping equipment, reservoir and the like from the source of water up to and including the individual Service Connection, but does not include water servicing on individual properties.

3. General Provisions:

- 3.1. To the extent that the District has not already established the service of water supply, the District hereby establishes the service of supplying water to all local service areas that provide a Water Service in the District through the Waterworks System and operating, constructing, maintaining, and regulating the Waterworks System.
- 3.2. **Staff manages the Waterworks System.**
- 3.3. All water pipes, connections, appurtenances or facilities required for water supply to the Owner's property line which are constructed, whether at the Owner's expense or the District's expense, in present or future public highways or within the District right-of-way property shall be the property of the District.
- 3.4. All building plumbing systems shall conform to the appropriate District regulations and the British Columbia Plumbing Code. Notwithstanding this provision, plumbing systems that pre-exist this bylaw and which do not conform to the appropriate regulations shall be required to conform should the plumbing system be renovated or replaced or should the system fail to withstand the normal water pressure of the water system.
- 3.5. A person must maintain the portion of a Water Service on their property in good repair and must immediately advise the District of any defect in their Water Service.
- 3.6. All persons using water shall protect their service pipes, shut-off valves, meters and other fixtures from frost and other damage at their own risk and expense. When any premises are vacated in the winter, the buildings' shut-off valve shall be turned off.
- 3.7. The District is not responsible for frozen water lines or the cost of thawing or repairing frozen water lines on private property.
- 3.8. The District shall be responsible for the maintenance of the Water Service from connection at the center of Curb Stop to the District's water main. The property owner shall be responsible for the maintenance of the Water Service on their property, from the center of Curb Stop to their building.
- 3.9. The District may impose minimum standards that must be met and satisfied relating to the type of Backflow Preventer and the installation and maintenance of the same as specified by the District Cross Connection Control Program.
- 3.10. **Owners shall not establish a private water source for any purposes on their Premises if District Waterworks Services are available within a reasonable distance, as determined by Staff. Exceptions may be made by Staff if the Premises are larger than one (1) acre in size and the Private Water Source is only used for Agricultural Irrigation purposes or a specific institutional,**

commercial, or industrial function that requires a substantial amount of water, subject to Provincial and/or Health Authority approval. All other domestic water uses must be from the District's Waterworks System.

3.11. Hydrants must remain unobstructed by having a clear space of:

- a. at least 91.5cm (36") around the circumference of the fire hydrant; and
- b. at least 1.525m (60") in front of each hydrant connection;

unless otherwise required or approved by Staff.

4. Conditions:

- 4.1. The District retains the right to adjust the water supply pressure or change the flow or to interrupt the water supply due to emergency conditions or for the purpose of repairing, upgrading, or carrying out general maintenance. Where it is practical and time permits, notice shall be given to all Customers affected where alterations of pressure, quality, or interruption of service are to take place.
- 4.2. The District does not guarantee the supply, quality, or pressure of water, but must make reasonable efforts to supply high quality water in sufficient quantities.
- 4.3. The District, its officers, employees, or agents will not be held liable for any damage incurred as a result of a change or interruption in water supply, quality, pressure, or water containing sediments or other foreign matter, or a failure of the Waterworks System in any way.
- 4.4. Customers depending on a continuous or uninterrupted supply of water or having processes or equipment that require particularly clear or pure water shall provide emergency storage or other means for continuous and adequate supply of water suitable to their requirements at their own expense.
- 4.5. The District reserves the right to refuse to make any water distribution system extensions and/or install water service pipe to any property line under adverse conditions or if any sections of this bylaw have previously been violated.
- 4.6. Any water connection, pipe, apparatus, fitting, or fixture that is not in accordance with the requirements of this Bylaw or which would cause noises, pressure surges, disturbances which may result in annoyance to other customers, damage to the Water System or which may in any way contribute to a potential contamination of the District's Water System shall not be connected to, or allowed to remain connected to, the Waterworks System.
- 4.7. No connection shall be installed or maintained whereby water from an Auxiliary Water Source may enter the District's Water System or Private Water System unless such Auxiliary Water Source and the method of connection and use of such system conforms to the requirements under this Bylaw.
- 4.8. Where steam or hot water boilers or other equipment is fed with water by pressure directly from the Waterworks System, the District shall not be liable for any injury or damage which may result from such pressure or from lack of such pressure or any injury or damage resulting from the improper installation of a Backflow Preventer.

5. Fees and Charges:

- 5.1. The District may charge applicable fees in the Fees and Charges Bylaw and invoice the Customer in accordance with the Utility Billing Bylaw. For mobile home parks, the Owner of the mobile home park property shall be the customer for utility billing and account purposes.
- 5.2. A person must pay the applicable fees and charges in the Fees and Charges Bylaw.
- 5.3. The District may charge a fee to any property adjacent to the Waterworks System that can be serviced regardless of the existence of a Service Connection.
- 5.4. A person is responsible for all costs associated with extending the District's Waterworks System to service their property including, but not limited to, the cost of installing a Water Service, and any upgrades to or extensions of other parts of the Waterworks System.
- 5.5. A person is responsible for all costs associated with disconnecting a Water Service.

6. Applications and Permits:

- 6.1. The District reserves the right to refuse any application for Water Connection because of water supply and distribution reasons or because of unpaid fees or costs due.
- 6.2. An Owner or an Owner's Duly Authorized Agent must make an application to the District to install a Service Connection from the Waterworks System to the Owner's parcel boundary and a Water Connection from the Curb Stop to their private property and shall submit the associated application and sign-off of understanding that no municipal infrastructure can be exposed or worked on without written authorization from Staff in a form and process approved by the District. Prior to work commencing, the Owner shall pay to the District all the applicable fees for this connection as set out in the Fees and Charges Bylaw. The Owner shall pay the applicable cost to the District for an approved Water Meter and required valves that must be installed in or at the building that the Water Service is to be connected to. No application shall be considered approved until it has been signed by Staff.
- 6.3. The application to the District for Water Service is subject to the following:
 - a. The application shall provide the legal description and civic address of the property to be served, the intended use of the building, the requested size, including if applicable to size necessary for a fire sprinkler system, the purpose for which the water is to be used and all other information that may be required.
 - b. If the statement given is not accurate, any additional charge required to be made by reason that the statement is inaccurate shall be payable forthwith.
 - c. Upon receipt of such application, and provided a District water main is laid the full length of the Customer's property lines, the District will tap into the main and lay and install the service pipe to the Curb Stop at the property line.

- 6.4. Water Service supplied by the District's Waterworks System to a Customer shall only be provided where, in the opinion of the District, the Waterworks System has been effectively protected from any actual or potential Cross Connections existing at or within the Customer's Private Water System.
- 6.5. Where the application for Water Service has been made in accordance with this Bylaw and it is found that no water main extends 3 meters past the full length of the applicant's property, the applicant may have the option to:
- a. Pay for the construction of extra water main or Water Service which is required, providing an extension is approved by the District; or,
 - b. Accept a full return of monies they paid at the time of service application.
- 6.6. Where a specific size of Water Service has been requested and where the District cannot or will not readily supply such Service, the applicant may have the option to:
- a. Accept the size of Water Service as determined by the District;
 - b. Pay the appropriate cost of upgrading the District's water mains to meet the specific request; or,
 - c. Accept a full return of monies they paid at the time of service application.
- 6.7. All building water services shall be constructed and maintained by the property Owner at their expense, to the requirements of this Bylaw and those of the British Columbia Plumbing Code. Permit applications for such construction must be made to the District Building Department on the appropriate forms provided. Such application shall be supplemented by any plans, specifications or other information considered pertinent by the Building Department. No occupancy can occur until all permits have been approved and the necessary requirements adhered to.

7. Standards:

- 7.1. Staff must approve parts and materials used in Water Services, and a Water Service connected to the District's Waterworks System must conform to the Master Municipal Construction Documents as amended or replaced from time to time.
- 7.2. A person must construct or disconnect a Water Service in compliance with the District's standards.
- 7.3. Staff must approve a person or a company constructing or disconnecting a Water Service.
- 7.4. A minimum of **1.8 meters** of cover will be required over all service pipes including that portion of the service pipe between the Owner's property line and the Premises.
- 7.5. Each single-family Dwelling unit and each Dwelling unit of a semi-detached duplex or townhome shall have an individual Water Service Connection at least 19 millimeters (3/4 inch) in diameter or as specified in the British Columbia Plumbing Code.

- 7.6. The District may require that the diameter of water service connections be determined by a qualified engineer but the determination is subject to approval by the District, and in no case shall be less than 19 millimeters (3/4 inch) in diameter.

8. Water Meter:

- 8.1. Each property Owner with a Water Connection must at their own expense provide and install a shut-off valve, a pressure reducing valve, a radio frequency Water Meter and appropriate valves all to specifications set by the District.
- 8.2. The Owner owns the Water Meter installed on the Water Service and is responsible for all replacement and repair costs outside of the Water Meters standard warranty regulations.
- 8.3. In the case of property Owners refusing installation of a Water Meter within or under their Dwelling, a note from a physician certifying a health issue relating to the sensitivity of radio frequency (RF) is required.
- 8.4. If an Owner does not have a functional Water Meter on their Water Service, the District may, upon giving thirty days' notice to the Owner, install a Meter Pit and Water Meter at the property line at the sole cost of the Owner.
- 8.5. Property Owners without a Water Meter will be subject to a water rate fee as indicated in the Fees and Charges Bylaw.

9. Cross Connection Control:

- 9.1. Subject to provisions of this Bylaw, no person shall create a Cross Connection by Connecting, causing to be connected or allowing to remain connected to the District's Waterworks System any device, piping, fixture, fitting, container, appliance or any other chattel or thing which may under any circumstances allow non-potable water, used water, wastewater or any chemical, liquid, gas or other substance to enter the waterworks system.
- 9.2. Where Staff determines that there exists a Connection or Cross Connection prohibited by this Bylaw and/or the District's Cross Connection Control Program, written notice may be given to the Customer to correct the Connection or Cross Connection at the expense of the Customer within the time specified in the notice.
- 9.3. A Customer to whom notice has been given under this section shall correct the connection or cross connection by installing an Approved Backflow Prevention Assembly conforming to the CSA Standards B64.10-01/B64.10.1-01 or most current edition, for the selection, installation, maintenance and field testing of backflow preventers and as described in the District's Cross Connection Control Program.
- 9.4. In compliance with the BC Building Code, the property Owner will provide the District, within thirty (30) days of initial installation, repair or relocation of an approved backflow prevention assembly, a Backflow Assembly Report from a certified Backflow Assembly Tester confirming the following:
- a. The installation date of the Approved Backflow Prevention Assembly;

- b. The specific location of the assembly and what cross connection or hazard it is intended to isolate;
 - c. The manufacturer, model, size and serial number of the Backflow Preventer installed; and
 - d. That it is an Approved Backflow Prevention Assembly, installed correctly and in proper operating condition.
- 9.5. Approved Backflow Prevention Assemblies are required to be inspected and tested by a certified backflow assembly tester at least once in every twelve (12) month period or more often if requested by the District.
- 9.6. Where a Customer fails to have an Approved Backflow Prevention Assembly tested, the District may notify the Customer that the backflow assembly must be tested within seventy-two (72) hours. If the Customer fails to comply with such notice, the District or Duly Authorized Agent may discontinue the service or services and the Customer may be subject to penalties in the Bylaw Notice Enforcement Bylaw.
- 9.7. Where there is a visible or other indication that a Backflow Preventer is malfunctioning, it is the responsibility of the Customer to immediately notify the District and further, to stop using the Private Water System until the Backflow Preventer is replaced or repaired and retested. This includes but is not limited to damage by freezing, hot water, fire or due to neglect.
- 9.8. The Owner or Customer shall install a type of Backflow Preventer commensurate to the degree of hazard and that is approved by the District on the Private Water System at the location of the service Connection from the Waterworks System or other location(s) approved by the District.
- 9.9. Notwithstanding anything contained herein if, in the opinion of the District, the configuration of any water connection that creates a high risk of contamination to the Waterworks System, the Customer, shall install on the Private Water System at the location of the assembly, in addition to any Backflow Preventers installed in the Customer's Private Water System at the source of the potential contamination.
- 9.10. The failure to be sent a notice(s), or the failure to receive a notice(s), shall not excuse the mandatory duty of the Premise Owner or other responsible party to comply with this Bylaw and/or the District's Cross Connection Control Program and all other applicable bylaws.
- 9.11. Where any condition is found to exist which, in the opinion of the District, constitutes a Cross Connection with the Waterworks System, Staff shall either:
 - a. Turn Off the water supply services(s) to the Premises and notify the Owner or Customer that an Approved Backflow Prevention Assembly(s) shall be properly installed and tested at the expense of the Owners or Customer prior to the water service(s) being turned on;
 - b. Give notice to the Owner or Customer to correct the Cross Connection(s) at the expense of the Owner or Customer within a specified period. If the notice

is not complied with, the District may then discontinue water service or services;

- c. Install an Approved Backflow Prevention Assembly at the Service Connection with all costs being charged to the Owner or Customer.

- 9.12. Any person whose water has been turned off pursuant to this Bylaw shall not have the water from the District's Waterworks System turned on until all requirements of the District have been met and the Owner or Customer has paid to the District all costs associated with the Turn Off/Turn On of water service, the cleanup of contamination and the Customer's default under this section has been remedied.

Commercial and Agricultural Irrigation Use and Turn On

- 9.13. Where a Cross Connection exists between the District's Waterworks System and a Private Water System, in addition to the general provision stated in this bylaw, the owner or Customer shall also comply with the following:

- a. No person except for Staff shall Turn on an Agricultural Irrigation system.

- 9.14. Prior to commencement of operation of the Private Water System in each irrigation season, the Owner or any person operating a Commercial or Agricultural Irrigation shall have the Approved Backflow Prevention Assembly inspected and tested, at the Customer's expense, by a certified Backflow Assembly Tester. A copy of the test report shall be provided to the District within thirty (30) days of completion of the test.

- 9.15. An Approved Reduced Pressure Backflow Assembly (RPBA) shall be used whenever fertilizers, chemicals or any other substance detrimental to health are introduced to a Private Water System.

10. Disconnection of Service / Temporary Turn Off:

- 10.1. Application for Disconnection or Turn Off/Turn On shall be made to the District office by the Owner, either in person, by phone, fax, or email.
- 10.2. A person may request from Staff a temporary Turn Off of their Water Service for up to thirty days.
- 10.3. Staff may consider a temporary Turn Off of a Water Service a Disconnection if a part of the Water Service is changed or if the Water Service is Turned Off for more than thirty days.
- 10.4. Once an application is made for water Turn off, and the water has been turned off by Staff, the Owner shall remain responsible for the water line from the property line to their building, including drainage of same.
- 10.5. If a service line is found to be turned on and no record of the Turn-on exists in the District files, it will be deemed appropriate to have the owner excavate the installation and all connections for inspection by the District and charge any rates, rents, and charges retroactive to the time when the District determines that the Connection was made.

10.6. Staff are authorized to temporarily Turn Off a Water Service for any reasonable cause including, but not limited to:

- a. maintaining, repairing, replacing, disinfecting, or otherwise operating the water system;
- b. stopping a continuous leak on private or public property;
- c. an emergency;
- d. shortage of water supply.

10.7. Staff must give notice of not less than two days for any non-emergency or scheduled shut off of the water system.

10.8. Staff may disconnect a service if:

- a. it jeopardizes the Waterworks System's quality or performance because of its construction;
- b. a property Owner requests a Disconnection;
- c. a person contravenes a provision of this bylaw.

10.9. Where water supply is to be disconnected, the regulations as set out in the Utility Billing Bylaw will apply, unless an immediate disconnect is required to maintain the integrity of the Waterworks System.

11. **Inspection:**

11.1. Any person authorized by the District to enforce this bylaw shall have free access to all parts of every building in which water is delivered and consumed after reasonable notice has been given and request made to inspect all pipes, taps and fixtures used for distributing water. If defects are found, or if any wastage of water is found to exist, notice will be given to have the defect remedied.

11.2. The Bylaw Enforcement Officer 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 regulations in this bylaw are being observed.

11.3. Except in the case of an emergency, the Staff must take reasonable steps to advise the Owner of their intent to enter a property.

11.4. The Bylaw Enforcement Officer or a Duly Authorized Agent of the District shall be entitled, at their determination to:

- a. Access the Private Water System located on private property at all reasonable hours in order to carry out inspections and surveys of the premises to determine the existence of connections or cross connections prohibited by this bylaw and as stated in the District's Cross-Connection Control Program.

- b. Impose minimum standards that must be met and satisfied relating to the type of Backflow Preventer and the installation and maintenance of the same as specified by the District's Cross Connection Control Program.
- c. Inspect the type of Backflow Preventer, the installation and state of maintenance and repair of the same.

12. Water Conservation:

- 12.1. The Conservation Stage "Normal", as defined in "Schedule A – Water Use Conservation Stages" is active year-round except when a higher Conservation Stage has been declared in accordance with this Bylaw.
- 12.2. Staff is authorized to issue Conservation Stage notices in accordance with this Bylaw. Conservation Stage notices are in effect until another Conservation Stage notice is issued.
- 12.3. Factors Staff may consider when issuing Conservation Stages include, but are not limited to, weather, overall water consumption, environment factors (i.e., drought conditions, river levels, and wildfire risks), emergency requirements, infrastructure conditions (i.e.: equipment breakdown, reduction of capacity), reservoir levels, and pumping station and well capacity. At a minimum, Staff will follow Provincial drought guidelines when reducing water consumption. (Drought Level 3 = Stage 1 – 30% Reduction, Drought Level 4 = Stage 2 – 50+% Reduction, Drought Level 5 = Stage 3 – 90% Reduction)
- 12.4. When changes to the Water Use Conservation Stage can be anticipated or planned for, notice of up to 7 days will be provided. Staff may provide such notice using the local newspaper, the local radio, the District's website, or any other means deemed practicable by Staff.
- 12.5. Should urgent or emergency needs demand a quicker change to the Water Conservation Stage, Staff will provide as much advance notice as is reasonably practicable.
- 12.6. Water use restriction will automatically revert to Conservation Stage "Normal" after October 15th of any year unless conservations are required to remain in effect.
- 12.7. A person will follow the water use conservations and prohibitions as defined in Schedule A – Water Use Conservation Stages.

- 12.8. Although Staff will be reducing the overall municipal watering consumption as defined in Schedule A, Staff shall prioritize and protect District assets including, but not limited to, Fadedar and Community Park, boulevards, trees, and planters that provide other community and economic benefits over other grassy spaces.
- 12.9. The Emergency Services / Fire Department must limit water use for training and non-essential tasks during a Stage 2 Conservation Stage. During a Stage 3 Conservation Stage water use for training and non-essential tasks are prohibited.

13. Offenses and Penalties:

- 13.1. Any person who contravenes any of the provisions of this Bylaw, or who suffers or permits any act or thing to be done in contravention of any provision of this Bylaw, or who neglects to do or refrains from doing anything to be done by any provision of this Bylaw, commits an offence against this Bylaw and is subject to and or all of the below:
- a. Paying all or part of the costs of remediation, repair and/or replacement of any part of the Waterworks System resulting from such contravention;
 - b. A fine in accordance with the most recent Bylaw Notice Enforcement Bylaw, if information with regard the infraction is laid by means of a Notice;
 - c. Upon summary conviction, a minimum fine of not less than One Thousand Dollars (\$1,000.00) and a maximum fine of Ten thousand Dollars (\$10,000.00) and the cost of prosecution. Every day during which there is an infraction of this Bylaw shall constitute a separate offence.

13.2. A person must not:

- a. allow a water leak on their property to continue more than forty-eight hours;
- b. connect, cause to be connected, or allow to remain connected to any other source of water a building on a property where the building is already connected to the Waterworks System;
- c. connect, cause to be connected, or allow to remain connected to the Water System any pipe, fixture, fitting, container, appliance, or apparatus, which could cause or allow a part of the Waterworks System to become contaminated or otherwise harmed;
- d. allow the introduction of any Contaminant or foreign matter whatsoever into any Private Water System that is connected to the Waterworks System;
- e. sell, dispose of, or otherwise give away water from the District's Waterworks System unless a written request is approved by Council by resolution which may be arbitrarily withheld;
- f. cause, permit or allow any device or apparatus of any kind to be or remain connected to the Waterworks System or allow it to be operated in such a manner as to cause sudden large demands for water or otherwise affect the stability of water pressure in the Waterworks System and, for the purposes of this section, such prohibited devices and apparatuses include, but are not limited to:

- i. booster pumps;
- ii. quick opening valves or quick closing valves;
- iii. flush meters;
- iv. rod hopper water closets;
- v. water-operated pumps or siphons;
- vi. standpipes;
- vii. large outlets;

g. destroy, injure, obstruct access to, or tamper with any hydrant, valve, curb stop, pipe, pump, or other fixture of the Waterworks System;

h. make any additions, alterations, or other changes to the Waterworks System or the Water Service;

i. use water from the Waterworks System unless that usage is recorded by a properly functioning Water Meter that is installed and maintained in accordance with this bylaw;

j. install any piping or other works designed to allow water from the Waterworks System to be used without that usage being recorded by a Water Meter.

13.3. A person may apply to Staff in writing for permission to connect a prohibited device or apparatus to the Waterworks System.

13.4. Upon receiving permission from Staff, a person may connect a prohibited device or apparatus to the Waterworks System, subject to any terms and conditions imposed by Staff (e.g. Backflow Preventer for Fire Hydrant use), and in such a way that it does not harm the Waterworks System.

13.5. No person shall obstruct or interfere with Staff or a Bylaw Enforcement Officer in the performance of their duties or the exercise of their powers.

13.6. No person shall use water provided from the District Waterworks System for any purpose other than domestic use as outlined in this bylaw.

13.7. No person shall damage or allow the deterioration of any device or mechanism through which water is piped or used for a domestic or commercial purpose, which will result in a waste of water.

13.8. No person shall cause the Waterworks System to fail an Interior Health Authority or any other permit requirement.

13.9. A person must not connect a Water Service to the District's Waterworks System, or Turn on, Turn Off, or disconnect a Water Service connected to the District's Waterworks System without authorization from Staff.

13.10. No person shall use a Soaker Hose for the purpose of irrigation.

13.11. No person shall take, consume or use water from the Waterworks System, without first obtaining permission to do so and making arrangements for payment of same. This also applies to all fire hydrants, standpipes and any other appurtenances connected to the District Waterworks System.

- 13.12. No person shall Turn On a water valve to provide service to the occupants of any newly renovated or constructed or reconstructed Premise(s) until the Private Water System in such Premise(s) has been inspected for Cross Connections and approved by the District.
- 13.13. No person, except the Duly Authorized Agents of the District shall tap, uncover, or make any Connection to use, alter, or disturb any water mains, fire hydrants, standpipes, or Curb Stops.
- 13.14. No Customer shall install water dependent cooling systems in commercial, industrial, institutional, or residential applications without first receiving approval from the District.
- 13.15. No pump, booster, or other device shall be employed by any Customer or Owner without permission in writing from the District for the purpose of or having the effect of increasing water pressure in service lines to a higher pressure than the normal water pressure in the said service lines, and the District may, without notice, discontinue service to any owner employing such pump, booster or other device.
- 13.16. No device designed to introduce another substance into the water in the connection between the building and the water supply main shall be installed without permission of the District who, in consultation with the Health Inspector, shall ensure that the device is designed and installed that such substances cannot be introduced into the District's works.
- 13.17. No owner, occupier, tenant or person shall:
- a. dispose of any water, or permit same to be carried away, or use water or allow it to be used on a lot other than that lot for which the service connection has been provided without obtaining permission from the District.
- 13.18. No Owner to whose Premises water is supplied shall make, or permit to be made, any additional Connection to their service of either temporary or permanent nature, for the purpose of supplying water to another building on their property without permission from the District.

14. Schedules:

- 14.1. "Schedule A – Water Restriction Stages" is attached to this bylaw and will form part of the Bylaw once adopted.

15. General

- 15.1. Any enactment referred to herein is a reference to an enactment of British Columbia and regulations thereto, as amended, revised, consolidated or replaced from time to time.
- 15.2. If any section, paragraph or phrase of this bylaw is for any reason held to be invalid by a decision of a Court of competent jurisdiction, such decision will not affect the validity of the remaining portions of this bylaw.

16. Repeal

16.1. The “*District of Barriere Water Systems Bylaw No. 189*”, and all amendments thereto are hereby repealed. This includes but is not limited to the following Bylaws:

- a. *District of Barriere Water System Bylaw No. 189, Amendment Bylaw No. 219.*
- b. *District of Barriere Water System Bylaw No. 189, Amendment Bylaw No. 240.*

Read a first, second, and third time this _____ day of _____, 20____.

Finally adopted this _____ day of _____, 20____.

Mayor – Rob Kerslake

Corporate Officer – Tasha Buchanan

Schedule A – Water Conservation Stages

NORMAL STAGE – Year Round – 3 Days Per Week

During the Normal Stage, no person shall use a watering system to water a lawn, garden, or landscaped area on a property with:

- an even numbered address, except on Tuesdays, Thursdays, and Saturdays between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.
- an odd numbered address, except on Mondays, Wednesdays, and Fridays, between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.

During the Normal Stage, Domestic Use property Owner or Occupier using an underground, automatic watering system, may water on their dedicated day of the week based on their address listed above between the hours of 3:30am – 6:00am.

During the Normal Stage a person may:

- water gardens, trees, shrubs, flowers and vegetables if watering is done by a drip-irrigation system as defined under this bylaw;
- water gardens, trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle;
- water newly planted lawns, gardens, trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle during installation and for the following 24 hours if prior approval of the District of Barriere is received;
- water new sod or newly seeded lawn during the first 7 days after installation on any day but only during the prescribed Normal Stage watering hours if prior approval of the District of Barriere is received;
- wash a vehicle with water using a handheld container or hose equipped with a shut-off nozzle;
- wash sidewalks, driveways, parking lots or exterior building surfaces including windows using a handheld container or hose equipped with a shut-off nozzle; and,
- Fill a swimming pool, wading pool, hot tub, garden pond or decorative fountain.

During the Normal Stage the following uses may irrigate as follows:

- Institutional properties – Tuesdays and Thursdays between the hours of 12:00am to 5am.
- District owned properties – Following standard practices.

STAGE 1 – Low Water Supply Conditions or Provincial Drought Level 3 – 30+% reduction in total and peak use as prescribed by Provincial orders

During Stage 1, no person shall use a watering system to water a lawn, garden, or landscaped area on a property with:

- an even numbered address, except on Tuesdays and Saturdays between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.
- an odd numbered address, except on Mondays and Fridays, between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.

During Stage 1, Domestic Use property Owner or Occupier using an underground, automatic watering system, may water on their dedicated day of the week based on their address listed above between the hours of 3:30am – 6:00am.

During Stage 1, a person may:

- water trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle;
- water trees, shrubs, flowers, and vegetables if watering is done by a drip irrigation system as defined in this bylaw;
- water newly planted trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle during installation and for the following 24 hours if prior approval from the District of Barriere is received;
- wash a vehicle with water using a hand-held container or hose equipped with a shut-off nozzle and at commercial car washes;
- wash sidewalks, driveways, parking lots or exterior building surfaces including windows using a handheld container or hose equipped with a shut-off nozzle
- top-up or add to a swimming pool, wading pool, hot tub, garden pond or decorative fountain.

During Stage 1 the following users may irrigate as follows:

- Institutional properties – 30% overall volume reduction consistent with an approved drought response plan. Where feasible, adjust sprinkling to days when the general public is not watering to avoid overlap. Watering may be prioritized in order to preserve trees.
- District owned properties – 30% overall volume reduction consistent with an approved drought response plan. Where feasible, adjust sprinkling to days when the general public is not watering to avoid overlap. Watering of Municipal Assets may be prioritized in order to preserve trees, boulevards, planters, and Fadedear Park over other grassy spaces.
- Agricultural – 20% overall reduction

STAGE 2 – Very Low Water Supply Conditions or Provincial Drought Level 4 – 50+% reduction in total and peak use as prescribed by Provincial orders

During Stage 2, no person shall use a watering system to water a lawn, garden, or landscaped area on a property with:

- an even numbered address, except on Saturdays between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.
- an odd numbered address, except on Fridays, between the hours of 6:30am to 9:00am and 6:30pm to 9:00pm.

During Stage 2, Domestic Use property Owner or Occupier using an underground, automatic watering system, may water on their dedicated day of the week based on their address listed above between the hours of 3:30am – 6:00am.

During Stage 2, no person shall

- wash driveways, sidewalks, parking lots or exterior building surfaces, unless it is required to meet other health and safety regulations, laws, or an order of a regulatory authority having jurisdiction (i.e. WorksafeBC, public health inspector, etc.).

During Stage 2 a person may:

- water trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle, but only during the prescribed Normal Stage watering hours and days;
- water trees, shrubs, flowers and vegetables if watering is done by a drip irrigation system as defined in this bylaw, but only during the prescribed Normal Stage watering hours and days;
- water newly planted trees, shrubs, flowers and vegetables if watering is done by hand-held container or a hose equipped with a shut-off nozzle during installation and for the following 24 hours if prior approval from the District of Barriere is received;
- wash a vehicle with water using a hand-held container or hose equipped with a shut-off nozzle and at commercial car washes;
- top-up or add to a swimming pool, wading pool, hot tub, garden pond or decorative fountain.

During Stage 2 the following users may irrigate as follows:

- Institutional properties – 50% overall volume reduction consistent with an approved drought response plan. Where feasible, adjust sprinkling to days when the general public is not watering to avoid overlap. Watering may be prioritized in order to preserve trees.
- District owned properties – 50% overall volume reduction consistent with an approved drought response plan. Where feasible, adjust sprinkling to days when the general public is not watering to avoid overlap. Watering of Municipal Assets may be prioritized in order to preserve trees, boulevards, planters, and Fadear and Community Park over other grassy spaces.
- Agricultural – 35% overall reduction

STAGE 3 – Strict Water use restrictions are necessary to maintain critical supply for the health of the Community – if ordered by the Province in response to a Drought Level 5

During Stage 3, no person shall:

- water a lawn.
- water gardens, trees or shrubs, including newly seeded or sodded lawns, newly seeded or planted gardens, trees or shrubs;
- fill or top-up a swimming pool, hot tub or garden pond;
- wash a vehicle, except at a commercial car wash;
- wash sidewalks, driveways, parking lots or exterior building surfaces, unless it is required to meet other health and safety regulations, laws, or an order of a regulatory authority having jurisdiction (i.e. WorksafeBC, public health inspector, etc.).

During Stage 3 a person may:

- use a handheld shut-off nozzle or drip irrigation for watering of trees, shrubs, food gardens, and esthetic gardens but only during the dates and times as defined in Stage 1.
- operate a swimming pool, wading pool, hot tub, garden pond or decorative fountain provided it only uses re-circulated water.
- wash a vehicles lights, windows, and licence plate for safety purposes with a sponge and bucket.

During Stage 3 the following users may irrigate as follows:

- Institutional properties – 90% overall volume reduction consistent with an approved drought response plan. Adjust sprinkling to prioritize protection of trees.
- District owned properties – 90% overall volume reduction consistent with an approved drought response plan. Protection of District assets such as trees, boulevards, planters only.
- Agricultural – Mandatory restrictions - Outdoor water use prohibited except water for livestock and minimal maintenance of perennial fruit trees / crops.

STAGE 4 – Extreme Water use restrictions are necessary to maintain critical supply for the health of the Community – In home water use only due to critical Waterworks System failures

During Stage 4, no person shall:

- water a lawn.
- water gardens, trees or shrubs, including newly seeded or sodded lawns, newly seeded or planted gardens, trees or shrubs;
- fill or top-up a swimming pool, hot tub or garden pond;
- wash a vehicle, except at a commercial car wash;
- wash sidewalks, driveways, parking lots or exterior building surfaces.

During Stage 4 a person may:

- operate a swimming pool, wading pool, hot tub, garden pond or decorative fountain provided it only uses re-circulated water.

During Stage 4 the following users may irrigate as follows:

- **Agricultural – Mandatory restrictions - Outdoor water use prohibited except water for livestock and minimal maintenance of perennial fruit trees / crops.**

READ A FIRST TIME this 17th day of November, 2025

READ A SECOND TIME this 17th day of November, 2025

READ A THIRD TIME this 17th day of November, 2025

ADOPTED this ____ day of _____, 2024

Mayor Rob Kerslake

Tasha Buchanan, Corporate Officer

Certified Copy
Tasha Buchanan, Corporate Officer