



Regional District of Central Kootenay  
WATER SERVICES COMMITTEE  
Open Meeting Agenda

**Date:** Wednesday, April 1, 2026  
**Time:** 9:00 am  
**Location:** Hybrid Model - In-person and Remote

Directors will have the opportunity to participate in the meeting electronically. Proceedings are open to the public.

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Pages

**1. ZOOM REMOTE MEETING INFO**

To promote openness, transparency and provide accessibility to the public we provide the ability to attend all RDCK meetings in-person or remote (hybrid model).

**Meeting Time:**

9:00 am PST

10:00 am MST

**Join by Video:**

<https://rdck-bc-ca.zoom.us/j/94251587997?pwd=lcttqVxsmjwxAZTmptO2CWlt27wI.1>

**Join by Phone:**

833 955 1088 Canada Toll-free

\*6 to unmute or mute

\*9 to raise or lower your hand

**Meeting ID:** 942 5158 7997

**Passcode:** 285704

**In-Person Location:** RDCK Boardroom, 202 Lakeside Drive, Nelson

**2. CALL TO ORDER & WELCOME**

Chair Newell to call the meeting to order at \_\_\_\_\_ a.m.

**2.1 TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT**

We acknowledge and respect the Indigenous peoples within whose traditional lands we are meeting today.

**2.2 ADOPTION OF THE AGENDA**

**RECOMMENDATION:**

The agenda for the April 1, 2026 Water Services Committee meeting be adopted as circulated.

**RECOMMENDATION:**

That Director Davidoff have freedom of the floor.

**2.3 RECEIPT OF MINUTES**

5 - 10

The February 4, 2026 Water Services Committee minutes, have been received.

**3. DELEGATE**

11 - 28

Timothy Lambert from Wildgrass Consulting will give a presentation to the Committee on Governance of Small Water Systems: One Water System Risk Management Plan.

**4. STAFF REPORTS**

**4.1 FOR INFORMATION: OPERATIONS, MAINTENANCE & CAPITAL UPDATE**

29 - 35

The Committee Report from Alexandra Divlakovski, Water Operations Manager providing an update and highlighting the larger maintenance and capital projects completed to date in 2026, has been received.

**4.2 PRESENTATION: BC WATER METERING COMMUNITY OF PRACTICE**

36 - 57

Alexandra Divlakovski, Water Operations Manager will give a presentation titled "BC Water Metering Community of Practice". The presentation has been received.

**4.3 FOR INFORMATION: ERICKSON WATER SYSTEM UNIVERSAL METERING PROJECT UPDATE**

58 - 65

The Committee Report from Chris Gainham, Utility Services Manager providing an update on the Erickson Water System's Universal Metering Program Installation Approach and Implementation, has been received.

**4.4 UTILITIES RATES, FEES & CHARGES BYLAW NO. 3077, 2026**

66 - 117

The Committee Report from Chris Gainham, Utility Services Manager regarding the Utilities Rates, Fees and Charges Bylaw No. 3077, 2026, has been received.

**RECOMMENDATION #1:**

That the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025.

**RECOMMENDATION #2:**

That Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

**4.5 WATER BYLAW NO. 3078, 2026**

118 - 175

The Committee Report from Chris Gainham, Utility Services Manager regarding Water Bylaw No. 3078, 2026, has been received.

**RECOMMENDATION #1:**

That the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Water Bylaw No. 2894, 2023.

**RECOMMENDATION #2:**

That Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

**5. PUBLIC TIME**

The Chair will call for questions from the public and members of the media at \_\_\_\_\_ a.m.

**6. CLOSED**

**6.1 MEETING CLOSED TO THE PUBLIC**

The Open meeting will be adjourned after In-Camera without reconvening back into the open session unless there is business that needs to be addressed.

**RECOMMENDATION:**

In the opinion of the Committee and, in accordance with Section 90 of the *Community Charter* the public interest so requires that persons other than DIRECTORS, ALTERNATE DIRECTORS, DELEGATIONS AND STAFF be excluded from the meeting; AND FURTHER, in accordance with Section 90 of the *Community Charter*, the meeting is to be closed on the basis identified in the following Subsections:

90 (1)A part of a council meeting may be closed to the public if the subject matter being considered relates to or is one or more of the following:

(g)litigation or potential litigation affecting the municipality;

(i)the receipt of advice that is subject to solicitor-client privilege,

including communications necessary for that purpose;

## 6.2 RECESS OF OPEN MEETING

**RECOMMENDATION:**

The Open meeting be recessed at \_\_\_\_\_ a.m. in order to conduct the Closed meeting.

## 7. ADJOURNMENT

**RECOMMENDATION:**

The Water Services Committee meeting adjourn at \_\_\_\_\_ a.m.



## REGIONAL DISTRICT OF CENTRAL KOOTENAY

### WATER SERVICES COMMITTEE OPEN MEETING MINUTES

A Water Services Committee meeting was held on Wednesday, February 4, 2026 at 9:00 am PST through a hybrid meeting model.

#### COMMITTEE MEMBERS

Director G. Jackman	Area A	
Director R. Tierney	Area B	
Director K. Vandenberghe	Area C	
Director C. Graham	Area E	
<b>Director T. Newell</b>	<b>Area F (2026 Committee Chair)</b>	In-Person
Director H. Cunningham	Area G	In-Person
Director W. Popoff	Area H	In-Person
Director H. Hanegraaf	Area J	In-Person
Director T. Weatherhead	Area K	
Councillor D. Dumas	Town of Creston	

#### MEMBERS ABSENT

Director A. Watson	Area D
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#### STAFF

U. Wolf	General Manager of Environmental Services	In-Person
C. Gainham	Utility Services Manager	In-Person
A. Divlakovski	Water Operations Manager	In-Person
E. Clark	Meeting Coordinator	In-Person

**10 out of 11 voting Commission/Committee members were present – quorum was met.**

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#### 1. ZOOM REMOTE MEETING INFO

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##### Join by Video:

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##### Join by Phone:

833 955 1088 Canada Toll-free

**Meeting ID:** 942 5158 7997

**Passcode:** 285704

**In-Person Location:** RDCK Boardroom, 202 Lakeside Drive, Nelson BC

**2. CALL TO ORDER**

General Manager Wolf called the meeting to order at 9:01 am.

**3. ELECTION OF CHAIR**

**CALL FOR NOMINATIONS (3 TIMES)**

General Manager Wolf called for nominations.

Director Popoff nominated Director Newell.

General Manager Wolf called for further nominations two times.

**DECLARATION OF Elected OR ACCLAIMED CHAIR**

Being none, General Manager Wolf ratifies the appointed Director Newell as Chair of the Water Services Committee for 2026 by acclamation.

**4. CHAIR'S ADDRESS**

Chair Newell thanked the Committee for their support.

**5. COMMENCEMENT OF REGULAR COMMITTEE MEETING**

The 2026 Water Services Committee Chair assumed the chair.

**5.1 TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT**

We acknowledge and respect the indigenous peoples within whose traditional lands we are meeting today.

**5.2 ADOPTION OF AGENDA**

**MOVED** and seconded,  
And Resolved:

The Agenda for the February 4, 2026 Water Services Committee meeting, be adopted as circulated.

**Carried**

**5.3 RECEIPT OF MINUTES**

The October 1, 2025 Water Services Committee minutes, have been received.

**6. STAFF REPORTS**

**6.1 FOR INFORMATION: OPERATIONS, MAINTENANCE AND CAPITAL PROJECT UPDATE**

The Committee Report dated January 25, 2026 from Alexandra Divlakovski providing an update and highlighting the larger maintenance and capital projects completed to date in 2026, has been received.

**6.2 FOR INFORMATION: 2026 CAPITAL PROJECT LIST**

The list of capital projects planned for 2026, has been received.

**6.3 FOR INFORMATION: WATER QUALITY REPORT**

The Committee Report dated February 4, 2026 from Nathalie Nick, Environmental Coordinator for Utilities summarizing the water advisories issued from September 1, 2025 to December 31, 2025 for water systems operated by the Regional District, has been received.

**6.4 VERBAL REPORT: UPDATE ON WATER SYSTEM EXPRESSIONS OF INTEREST**

Chris Gainham, Utility Services Manager provided a verbal update on water system expressions of interest.

A summary is provided below:

RDCK Water Services staff are currently working with two applicant systems who have submitted Expressions of Interest to become a RDCK Water Service – these are:

**Robson Raspberry Improvement District “RRID” (Area J)** – RRID held an Open House on January 14<sup>th</sup>, 2026 at the Robson Hall which was well attended by ~120 RRID water users. This meeting included RRID business items, including communicating a planned 10% rate increase and rate drivers and an asset management presentation by XenonCyber Dynamics Inc – the consulting engineer who completed an asset management study (funded via a Community Works Grant from the Area J Director). This asset presentation focused on electrical, communication and process related assets. The bulk of the evening was taken by RDCK Staff, who presented information and led a question and answer session with attendees.

The Castlegar News also recently ran a story *“Robson-Raspberry explores joining RDCK water service”*.

The next step for the RRID is to demonstrate 2/3 support from rate-payers indicating that they wish to continue with the Expression of Interest process. It is expected that the RRID will undertake an informal ballot/questionnaire mailout to rate-payers for this process.

**Taghum Improvement District (Area E)** – The next steps for the Taghum Improvement District are to nominate a Communications Lead who will be the main point of contact with RDCK staff as we move forward with the Expression of Interest process, followed by a public meeting where RDCK staff will present information on the process and answer questions. This meeting is planned to occur in the next 3 months.

**RECESS /** The meeting recessed at 10:10 am for a break and reconvened at 10:20 am.  
**RECONVENE**

**6.5 FOR INFORMATION: SENIOR GOVERNMENT & COMMUNITY WORKS GRANT OVERVIEW**

The Committee Report dated February 4, 2026 from Chris Gainham, Utility Services Manager providing an overview of the Regional District of Central Kootenay’s history of senior government grant applications related to water services, and summarizing the broader funding challenges associated with managing aging water infrastructure in rural systems, has been received.

**6.6 ERICKSON WATER SYSTEM – GOAT RIVER EAST ALTERNATIVE SERVICING**

The Committee Report dated February 4, 2026 from Chris Gainham, Utility Services Manger regarding the Goat River East Alternate Servicing Feasibility, has been received.

**MOVED** and seconded,

And resolved that it be recommended to the Board:

That the Board direct staff to proceed with further analysis, including engagement with the North Canyon Improvement District and completion of high-level costing, business case development, and feasibility assessment related to alternate servicing of the Erickson Water System east of the Goat River pipe bridge.

**Carried**

**7. 2026 DRAFT FINANCIAL PLAN REVIEW**

The following draft Financial Plans have been received for review:

- 7.1 Water Utility – Area B (Arrow Creek) Service S251
- 7.2 Water Utility – Area E (Balfour) Service S255
- 7.3 Water Utility – Area K (Burton) Service S252
- 7.4 Water Utility – Area F (Duhamel Creek) Service S248
- 7.5 Water Utility – Area K (Edgewood) Service S253
- 7.6 Water Utility – Area B (Erickson) Service S250
- 7.7 Water Utility – Area K (Fauquier) Service S254
- 7.8 Water Utility – Area E (Grandview) Service S258
- 7.9 Water Utility – Area B (Lister) Services S243
- 7.10 Water Utility – Area J (Lucas Road) Service S247
- 7.11 Water Utility – Area D (Macdonald Creek) Service S246
- 7.12 Water Utility – Area A (Riondel) Services S241
- 7.13 Drainage – Area A (Riondel) Services S165
- 7.14 Water Utility – Area H (Rosebery) Service S260
- 7.15 Water Utility – Area A (Sanca Park) Services S242
- 7.16 Water Utility – Area H (South Slocan) Service S245

7.17 Water Utility – Area F (Woodland Heights) Service S257

7.18 Water Utility – Area D (Woodbury) Service S259

7.19 Water Utility – Area J (West Robson) Service S256

7.20 Water Utility – Area G (Ymir) Services S244

**8. WATER SERVICE COMMUNITY ADVISORY COMMITTEE MEETINGS**

The following Water Service Community Advisory Committee discussion notes have been received for information:

8.1 2025-12-04 Discussion Notes: Balfour Water Service Community Advisory Committee

8.2 2025-11-21 Discussion Notes: Burton Water Service Community Advisory Committee

8.3 2025-12-15 Discussion Notes: Edgewood Water Service Community Advisory Committee

8.4 2025-12-05 Discussion Notes: Erickson Water Service Community Advisory Committee

8.5 2025-11-21 Discussion Notes: Fauquier Water Service Community Advisory Committee

8.6 2025-12-04 Discussion Notes: Grandview Water Service Community Advisory Committee

8.7 2025-11-28 Discussion Notes: Lister Water Service Community Advisory Committee

8.8 2025-11-26 Discussion Notes: Riondel Water & Drainage Service Community Advisory Committee

8.9 2025-12-12 Discussion Notes: Sanca Water Service Community Advisory Committee

8.10 2025-12-16 Discussion Notes: South Slokan Water Service Community Advisory Committee

8.11 2025-12-08 Discussion Notes: Woodland Heights Water Service Community Advisory Committee

8.12 2025-12-01 Discussion Notes: Woodbury Village Water Service Community Advisory Committee

**9. WATER COMMISSIONS**

The following Commission minutes have been received for information:

9.1 2025-11-28 Meeting Minutes: Arrow Creek Water Treatment & Supply Commission

9.2 2025-12-12 Meeting Minutes: Ymir Water Commission of Management

**10. PUBLIC TIME**

The Chair called for questions from the public at 11:02 am.

No questions.

**11. ADJOURNMENT**

**MOVED** and seconded,  
And Resolved:

The Water Services Committee meeting be adjourned at 11:03 am.

**Carried**

**APPROVED BY**

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Director T. Newell, Chair

# Governance of Small Water Systems: One Water System Risk Management Plan

Timothy Lambert PhD. MSc.

Wildgrass Consulting

778-922-0225

Wildgrassconsulting@gmail.com



Wildgrass Consulting Inc.

# One Water System Risk Management Plan

## watershed to tap: sink to watershed

- A governance approach using bylaws, offers small water systems an opportunity to manage water system risks including the watershed, to ensure provision of safe drinking water.
- Incrementally manage the water system risks holistically and systematically
- Gradual reduction in system and particular risks, and decreasing liability
- Replacing prescriptive development specifications with a more purpose-driven and flexible approach, communities can adopt a risk-based framework for water governance that better anticipates and responds to local vulnerabilities.
- This shift enables more adaptive, resilient, and integrated water management strategies that align with climate risks and long-term service needs.

# Components of One Water Governance

One Water System Risk Management Plan advances risk mitigation with respect to:

- a) administration
- b) finance
- c) infrastructure
- d) operations
- e) watershed
- f) regulatory liability
- g) community engagement and relationships

# Governance Gap

- Small water systems, Improvement Districts and Community Water User Communities, have challenges with Water System Governance
- Under their respective Acts, (Local Government Act or Water User's Communities Act) small water systems can develop bylaws under their own authority to govern their water systems
- Municipal Affairs "guidebook" for Improvement Districts does not address governance of water systems
- There is no guidance under the Water User's Communities Act
- The Ministry of Health "Small Water System Guidebook" provides no guidance on Governance

# “Health” authority for Governance?

- Responsibilities for governance are not in the *Drinking Water Protection Act* and therefore are not the responsibility of the Ministry of Health, Health Authorities or Drinking Water Officers.
- Of note, the *Drinking Water Protection Act* and regulation, and Ministry of Health (2022) Drinking Water Officer’s Guide, does not have any provisions with respect to governance of the water system
- DWPA and Regulation is concerned with “water quality” and the responsibility of Water Supplier’s to deliver potable water
- However, to fill the Governance GAP, health authorities have filled the space with their own governance requirements

# Governance Challenge: Watershed and Wastewater

- In many cases, homes on small drinking water systems are also operating 'on-site wastewater systems'
- These systems are a potential source of contamination for the drinking water system
- No oversight of 'on-site wastewater'
- Limited governance capabilities of the watershed despite responsibilities for source water protection and assessing these risks under DWPA
- Climate change and water sustainability are critical issues

# Nasookin Improvement District (NID): Context

- NID experienced a ‘breakdown’ in their governance, culminating with all of the “previous NID trustees” resigning
- Over the course of several years, significant community tensions have arisen with respect to the governance of the water system and addressing the challenges associated with the water system
- Bylaws to govern the water system were created in 1971
- Physical water system and the NID bylaws are not coherent in a number of respects:
  - Bylaws presume the NID owns lands on which the water system resides, and applies up to the property line of each of the NID resident lands

# NID and IHA

- Interior Health Authority (IHA) ordered the NID to construct a central water treatment system
  - NID has no lands to build a treatment system;
  - no power for a treatment system;
  - would require a new distribution system and operator
  - Cost was beyond what residents could afford: a few studies evaluated options

## **Wildgrass Consulting, governance study:**

- After review of all information and context developed 5 priorities:
  - One: Access to water: physical intake and pipe, and access to Four Mile Creek
  - Two: Treatment Objectives – potable water
  - Three: Consider uranium

Considering climate change:

- Four: Secondary source of water – arguably Kootenay Lake/River
  - Five: Fire protection – Kootenay Lake/River could provide fire flows
- IHA agreed with the 5 priorities

# Governance Study Results

- Wildgrass Consulting conducted community engagement on governance options (three rounds of door to door) and proposed approach for new governance model remaining as an NID
  - Developed governance model based on Local Government Act and Drinking Water Protection Act and regulations
  - Developed a POE proposal with accompanying source water assessment to show potential viability
  - Development of a Domestic Water Distribution Zone
  - Developed consensus-based approach for community processes (mirroring the governance study process)
- reached consensus on 22 of 24 homes
- Interior Health Authority (IHA) provided a letter to Wildgrass Consulting, indicating they would consider a viable 'point of entry' proposal.
- IHA also stated it was not their place to comment on the governance, rather, the Ministry of Municipal Affairs (MUNI) should be engaged

# Small Water System Self-Governance: Water Treatment

## Under the *Local Government Act*,

- **697 (1)** An improvement district is a corporation and has **all powers necessary or useful in carrying out its objects.**
  - As water supplier, the objects are water, and primarily related to drinking water
  - Arguably this includes the watershed and responsibilities as a water supplier
- **697 (2)** can obtain water treatment via a number of mechanisms under: (a) acquire; (g) make agreements; or (h) anything else necessary; and (3) make contracts:
  - Improvement District does not need to “own” the treatment
  - This includes “point of entry” or “central treatment”

# Small Water System Self-Governance: Water Treatment

## **Water User's Community Act – different wording**

### **Power of water users' community**

**52** (1) A water users' community is a public corporate body and may

(a) acquire, hold and control property and licences,

(b) acquire, construct, hold, maintain, improve, replace and operate works, and

(c) levy assessments on its members and enforce payment of those assessments by suit in a court of competent jurisdiction.

(2) A water users' community has the exclusive control and operation of the works constructed or used under the licences mentioned in its certificate of incorporation, and may refuse the use or benefit of those works to a member who is in default in paying an assessment or complying with a rule of the manager.

**53** (1) 'Manager' of the WUCA describes that business of a water users' community must be conducted by a manager, which includes a committee of management, who must, so far as is practicable, **carry out the directions set out in resolutions passed at meetings of the water users' community.**

- WUC's are enabled to create bylaws but the Act does not use the word bylaw. Any bylaws created must not contravene any paramount legislation such as the Water Users' Communities Act, the Water Sustainability Act and other provincial and federal legislation.

# Governance Linkage to DWPA: Point of Entry

‘water supplier’ is responsible to provide potable water to the homes, as per the *Drinking Water Protection Act*:

DWPA: Water supply systems must provide potable water

**6** Subject to the regulations, a water supplier must provide, to the users served by its water supply system, drinking water from the water supply system that

(a) is potable water, and

Exemptions in regulation:

**3.1** The following are exempt from section 6 of the Act:

(a) a small system, if

(i) each recipient of the water from the small system has a point of entry or point of use treatment system that makes the water potable

**Key Point: Water supplier does not need to “own” the POE**

- DWPA allows for multiple owners in a water system; owner does not mean ‘water supplier’; **‘water supplier’ cannot transfer responsibility to an “owner” of a part.**
- Homeowner can own their own POE – nothing prohibits this in the DWPA

# Water Supplier Governance POE Bylaws

Water Supplier bylaw requirements for a Point of Entry system:

- defining the minimum standards of the point of entry system to be purchased and installed;
- defining the reporting requirements with respect to documenting maintenance and operations;
- defining the testing of water to ensure ‘potable water’ is being produced;
- defining the action of non-compliance with POE bylaw, e.g., should a residential property owner not purchase a POE, install, operate, maintain, or report with respect to the POE
- non-compliance could be a “Boil Water Notice” on the home, issued by the Water Supplier as per the DWPA

# Governance Bylaws: Water Distribution

**Domestic Water Distribution Zone** agreement means:

- everyone grants access to their private lands to fix the distribution pipe up to the residential structure;
- informed consent provisions required from the Landowner, to physically access the lands to ‘install, maintain or fix’ the distribution pipe;
- ensure no damage to the pipe from growth or other activity
- does not require ‘surveying’, ‘easements’, or creation of ‘statutory right of ways’ (SRWs) on each residential property;
- does not require installation of shut-off valves at each property

# Governance Bylaws for Community Processes

Create a 'standing committee' given: "A standing committee can be appointed by the board to review ongoing issues and report back from time-to-time" (MUNI, 2006, p. 10).

- 'provides advice' to the Trustees on 'water works'
- composed of all the residents; If residents do not participate, they abide by recommendations of the 'standing committee' and Trustees
- seek consensus, and ask the Trustees to 'decide' for decisions that the 'standing committee' cannot reach consensus, provide the areas of agreement, and diverse views on particular areas.

Benefits:

- develops capacity for administration, using the efforts of community members.
- approach develops 'corporate memory' amongst residents and develops the capacity of residents for future role as Trustee

# One Water System Risk Management Plan

## POE and On-site Systems

- A practical example of the benefits of a system approach for small water systems is considering Point of Entry and on-site wastewater systems.
- Point of Entry systems are beneficial for communities with on-site waste water as they treat the water at the house.
- In contrast, a central treatment system would not address on-site waste water risks that may compromise the drinking water line.
- A One Water System Risk Management plan with governance bylaws to address failing on-site waste water systems is a critical system attribute to make Point of Entry systems viable.

## Administration and Financial Benefit

- A potential treatment failure, financial or technical, is localized to a single home system rather than the community system as a whole.
- Decentralized Responsibility: financial, technical and administrative attributes align with the capacity issues expressed by small systems and their inability to receive capital funding grants.

# One Water: Watershed Management and Source Protection

- Many small systems share a watershed
- Collaboration on sampling to understand the potential biological and chemical contaminants in the watershed
- Significant reduction in cost and increases shared accountability
- Collaboration on managing the watershed: water sustainability and climate change mitigation
- However - Limited powers to actually address many potential threats to water quality or sustainability – need Ministers to step up!!

# Next Steps: Proposal Concept

- Draft Governance Bylaws for NID system
- Use NID learning to develop ‘model bylaws’ for use by other small water systems, both Improvement District and Water User’s Community
- Legal review/test of ‘bylaws’
- Community workshops on model bylaws to test concepts and develop broad understanding
- Publish One Water Small Water System Risk Management Guidelines



# Committee Report

**Date of Report:** March 26, 2026  
**Date & Type of Meeting:** April 1, 2026, Water Services Committee  
**Author:** Alexandra Divlakovski, Water Operations Manager  
**Subject:** OPERATIONS MAINTENANCE AND CAPITAL UPDATE  
**File:** 11-5700-01-2026  
**Electoral Area/Municipality:** All Areas

## SECTION 1: EXECUTIVE SUMMARY

The purpose of this report is to provide an update to the Committee and highlight the larger maintenance and capital projects completed to date in 2026.

## SECTION 2: BACKGROUND/ANALYSIS

This report does not necessarily include annual preventative maintenance. Examples of preventative maintenance include: equipment oil changes, distribution system flushing, distribution valve exercising, daily/weekly system checks, hydrant inspections, vegetation care and fleet management.

### Abbreviations:

DCVA – Double Check Valve Assembly  
HMI – Human Machine Interface  
MIT – Membrane Integrity Testing  
PLC – Programmable Logic Controllers  
HVAC – Heating, Ventilation, Air Conditioning  
SCADA – Supervisory Control And Data Acquisition  
SRoW – Statutory Right-of-Way  
WTP – Water Treatment Plant  
RFP – Request for Proposal  
UVT – Ultraviolet Transmittance  
BoD – Board of Directors

## WATER EAST

### Arrow Creek

#### **Operations and Maintenance**

- Fibre repairs are completed on Train 2 but there is unknown air leakage in the back of the cassettes due to aging brittle piping and seals, so the train is still not passing MITs. Repairs will start on Train 1 when time allows. Trains 3 and 4 are the oldest cassettes/modules and beyond their life cycle for repairs.
- A new heater has been installed and electrical hooked up in the CIP tank for Recovery Cleans on the membrane fibres.
- Upper and lower settling ponds were cleaned.

- All preventative maintenance in WTP (oil changes on pumps, change belts, fix leaks on air system, etc.) has been completed. Waiting on repair kits for the air dryer and chemical dosing pumps to change those out.
- Removed a section of pipe between the 20" permeate header and the chemical recirc line as it posed a possible cross connection risk. Installed blank flanges on both former connection ends.
- Removed 2 old, corroded stainless steel eyelets on the 24" permeate distribution pipe (right above where it goes down through the cement floor) one was for chlorine injection (a new injector replaced the old) into the distribution that goes to the reservoirs and the other was a sample tap/drain.

#### **Capital**

- RFP for intake upgrades design has been awarded to CIMA Canada Inc.

#### **Ongoing Considerations**

The Arrow Creek water treatment plant has historically reached maximum emergency rated capacity in high demand months (July-August).

#### **Erickson**

##### **Operations and Maintenance**

- Two major leaks were found and repaired as a result of Phase 1 meter installs. Total leak volume for both services is estimated at **131,870** liters/day.

##### **Capital**

- First of 5 tender packaged for Phase 2 Universal Metering meter pit supply and installation has been awarded to Valhalla Contracting.
- Request for Tender package 2 is now closed and package 3 is currently posted to April 16<sup>th</sup>.
- Phase 1 Universal Metering installation for all new tandem meter/pits is 85% completed.

#### **Ongoing Considerations**

Asbestos cement and steel pipe sections of distribution system require replacement and/or relocation off private land.

#### **Lister**

##### **Operations and Maintenance**

- Nothing significant in the reporting period.

##### **Capital**

- The consultant contract for design of the 50mm PVC Water main upgrade to new 100mm PVC on 16<sup>th</sup> St from Sinclair Rd to Huscroft Rd will be awarded at the next Board meeting.

#### **Ongoing Considerations**

No irrigation privileges beyond 1 acre of domestic irrigation are allowed in Lister due to the existing high water demand of the system as compared to what the groundwater well can produce.

#### **Riondel**

##### **Operations and Maintenance**

- Both chlorine analyzers (WTP and post-reservoir) now holding calibration and sensors won't need replacing.

#### **Capital**

- The Indian Creek intake top cover replacement project is fabricated and will be installed in Spring 2026.
- WTP upgrades project underway - Replaced corroded electrical sockets, junction boxes, and conduit; removed old, corroded baseboard heaters; 1 of 2 overhead heaters replaced and planning to have both regulated via a new thermostat.
- Investigation and repair of the cement spalling on the Indian Creek intake and small dam concrete will be completed in 2026. A concrete contractor will perform an assessment for repair options to remedy issues. Work will be scheduled for the end of August when annual dam and intake drain work is being completed during the fish window.

#### **Ongoing Considerations**

The golf course is a large water consumer and the system would benefit from the golf course securing a separate water source. A water license was issued January 31, 2025, to the Riondel Golf Club Society for 47,750 m<sup>3</sup>/year from Kootenay Lake.

#### **Sanca**

##### **Operations and Maintenance**

- Nothing significant in the reporting period.

#### **Capital**

- Staff continue to move toward adjusting the water system boundary (remove the two northern parcels) and converting the specified area bylaw into a service establishment bylaw.

#### **Ongoing Considerations**

This system remains on a long-term Boil Water Notice and is being risk-managed. Proposed borrowing for a water treatment plant was presented to the community in 2016, however, it was not approved.

## **WATER WEST**

#### **Balfour**

##### **Operations and Maintenance**

- One distribution leak identified and repaired on Balfour Heights Road.
- Large leak identified and repaired on Whitetail Road (approximately 4000 L/hour).

#### **Capital**

- Secondary source WTP design underway.

#### **Ongoing Considerations**

Metering has reduced consumption and identified customer leakage that was repaired, leading to an overall conservation of approximately 25% from 2019 - 2021.

#### **Burton**

##### **Operations and Maintenance**

- Well pump motor failure, removed and installed the old motor. Well pump motor is being replaced under warranty.

#### **Capital**

- Interior Health Construction Permit received for Burton Main Road water main replacement project.

#### **Ongoing Considerations**

The system is on a long-term Water Quality Advisory due to historical water quality concerns. The groundwater source may be considered Groundwater at Risk of Containing Pathogens (GARP) virus only as it is within the 300m setback from a source of probable viral contamination. GARP virus only wells are identified as requiring 4-log reduction of viruses (disinfection) and zero total and fecal coliforms per Provincial treatment guidelines.

#### **Duhamel**

##### **Operations and Maintenance**

- Installed new post well flow meter.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

A significant portion of the distribution system is located on private land. Asbestos cement pipe within the distribution system requires replacement.

#### **Edgewood**

##### **Operations and Maintenance**

- Arborist contractor scheduled to fall danger trees around the reservoir and pump house area, has been delayed until spring.

#### **Capital**

- RFP for water main replacement project along Kilarney Crescent is posted and closed April 27<sup>th</sup>.

#### **Ongoing Considerations**

Old well abandonment or usage conversion to fire protection completed. Asbestos cement pipe within the distribution system requires replacement.

#### **Fauquier**

##### **Operations and Maintenance**

- New cellular router installed after old unit failed.
- A number of trees fell across the power line to the site and had to be removed to restore the power following one of the wind events.

#### **Capital**

- Design work underway for remaining water main to be installed along Oak Street in 2026.

#### **Ongoing Considerations**

Asbestos cement pipe within the distribution system requires replacement. UV disinfection was required by Interior Health at the time of treatment plant construction but at a later date. Investigation on installing pre-filtration equipment to reduce turbidity underway.

### Grandview

#### **Operations and Maintenance**

- Intake inspection work planned for when diving team is in area this summer.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

A higher occupancy rate for this system would improve financial sustainability.

### Rosebery

#### **Operations and Maintenance**

- Nothing significant in the reporting period.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

A higher occupancy rate for this system would improve financial sustainability.

### South Slocan

#### **Operations and Maintenance**

- Annual removal of Smokey Creek dam clamps off gate for freshet.

#### **Capital**

- Discussion with Provincial Dam Safety Officer clarified requirements for returning dam to previous design, including engineered plan to remove cement.
- Ordered standby booster pump.

#### **Ongoing Considerations**

The distribution system is comprised of aged materials and likely has significant leakage.

### Woodland Heights

#### **Operations and Maintenance**

- Nothing significant in the reporting period.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

Per capita consumption during summer months is highest in this system, and repeated reminders of adherence to Water Conservations Measures are necessary.

### Woodbury

#### **Operations and Maintenance**

- EHO will be delivering revised Conditions on Operating Permit shortly.
- EHO has permitted moving from monthly to quarterly reporting in an effort to reduce administrative costs to the water system.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

Meeting filtration deferral criteria and reporting requirements are required to continue to operate the water system without accredited filtration.

### West Robson

#### **Operations and Maintenance**

- Control upgrade completed by contractor.

#### **Capital**

- Broadwater Road water main crossings project design currently being reviewed by MoTT, MMCD tender documents at 80% completion and will be posted the week of April 6th. Construction will begin in June.

#### **Ongoing Considerations**

Asbestos cement pipe in the distribution system requires replacement.

### Ymir

#### **Operations and Maintenance**

- Nothing significant in the reporting period.

#### **Capital**

- No capital projects work completed in the reporting period.

#### **Ongoing Considerations**

ATCO is planning a logging development in the Ymir Water System watershed. The RDCK is working with ATCO and the Ymir community on this issue.

## **SECTION 3: DETAILED ANALYSIS**

### **3.1 Financial Considerations – Cost and Resource Allocations:**

<b>Included in Financial Plan:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<b>Financial Plan Amendment:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No
<b>Debt Bylaw Required:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<b>Public/Gov't Approvals Required:</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No

All items mentioned in the body of the report are included in the 2025 financial plan.

### **3.2 Legislative Considerations (Applicable Policies and/or Bylaws):**

Some items listed in the body of the report require regulatory approval.

### 3.3 Environmental Considerations

N/A

### 3.4 Social Considerations:

The items in the body of the report benefit the water system users by providing safe, reliable water sources.

### 3.5 Economic Considerations:

N/A

### 3.6 Communication Considerations:

The public will be notified before planned service interruptions or water quality impacts.

### 3.7 Staffing/Departmental Workplace Considerations:

N/A

### 3.8 Board Strategic Plan/Priorities Considerations:

Organizational excellence - Continue to focus on our core services to ensure effective and efficient delivery through our Region.

## SECTION 4: OPTIONS & PROS / CONS

None.

## SECTION 5: RECOMMENDATIONS

None. For information only.



Respectfully submitted,

Alexandra Divlakovski, Water Operations Manager

## CONCURRENCE

None



# BC Water Metering Community of Practice

Regional District of Central Kootenay – Lessons Learned

**Presented by: Alex Divlakovski**  
**Date: March 11, 2026**



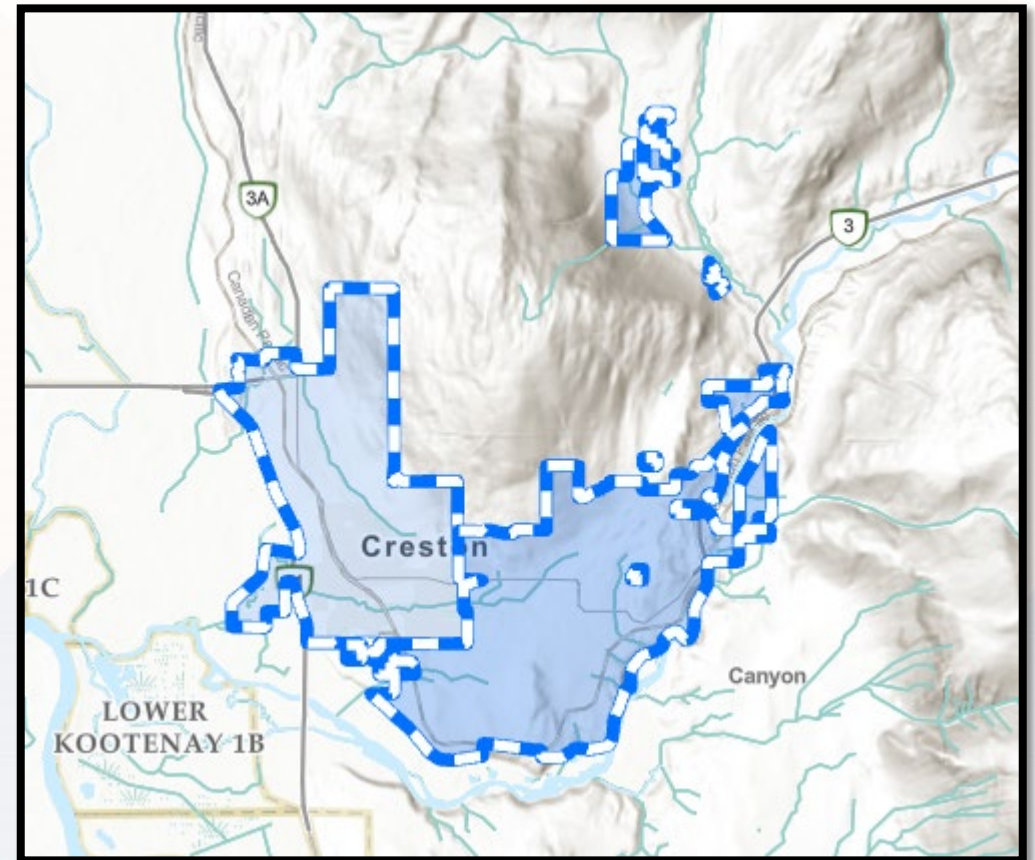
## Outline

- 1 Project Background
- 2 Project Planning
- 3 Permits
- 4 Tendering
- 5 Construction
- 6 Questions



## Project Background

- The community of Erickson is located in southeastern B.C. adjacent to the Town of Creston.
- There are 655 active accounts comprised of mixed agriculture and residential use (became a RDCK system in 2003).
- Source water is Arrow Creek, which in recent years has shown diminishing creek levels in summer months.
- There is currently no “twinned” source for agricultural irrigation, although a feasibility study for an alternate long-term water supply for agriculture was completed in 2025.
- Many water mains cross private property, some with no SRow’s or easements.





## Project Background

- Universal metering of Erickson is being completed in 2 Phases.
- Phase 1 metering includes approximately 136 installations on ICI and agricultural lands with 5 or more acres of irrigation privilege.

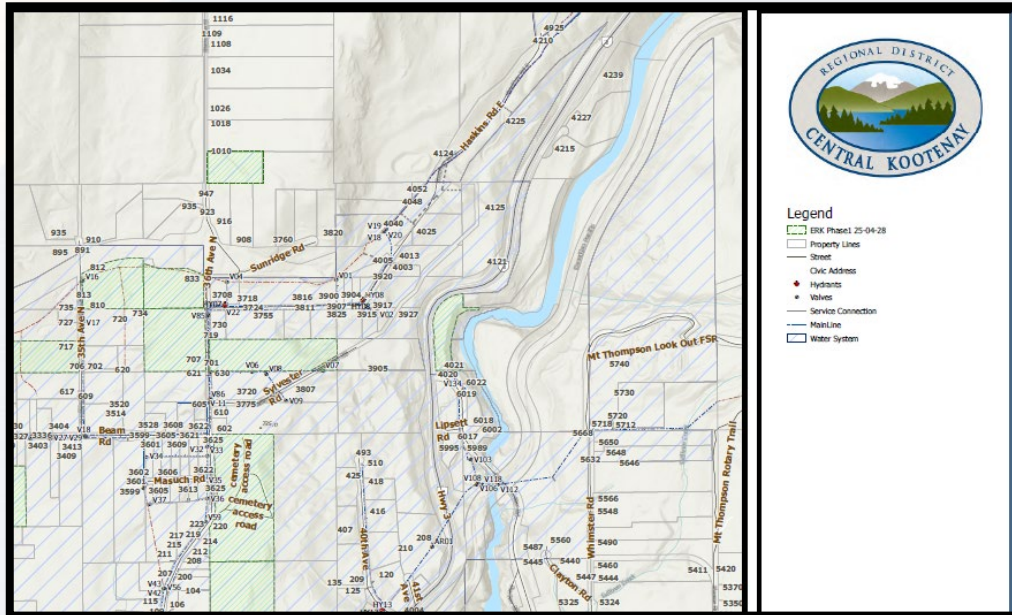
The goals of metering in Erickson are to:

- Identify and reduce system leakage and optimize capital replacement planning by leveraging system data.
- Encourage conservation through greater awareness of water use.
- Improve competition for future senior government infrastructure grant funding.
- Better understand how water is used across sectors.
- Protect the Arrow Creek watershed, which continues to face environmental pressures and supply challenges.
- Manage peak water demand and fix leakage to reduce wear and tear and extend the lifespan of critical water infrastructure.



# Project Planning

- Parcel inventory with number and location of services, which began in 2019.
- Parcels highlighted on distribution system map.



- Existing Statutory Right-of-Way or new SRow for meter pits deep into private property.
- Private property installations – customers notified beforehand and given opportunity to review location with contractor.
- Public communication via portals (i.e. website, Voyent, public meeting, mailings)



# Project Planning

- Irrigation meter sizing: bylaw-driven metric 4.5 gal/min/acre flow for properties with irrigation privileges (plus 1 acre included for each parcel).

*Example: 10 acres irrigation privilege + 1 acre included x 4.5 gal/min/acre = 49.5 gpm  
MINIMUM requirement for max. continuous operating flow rate*

- Residential meter sizing: 3/4" meter unless also supporting some irrigation or multiple dwellings.

Parameter	3/4"		1"		1.5"		2"	
	Pos. Displace	Ultrasonic	Pos. Displace	Ultrasonic	Pos. Displace	Ultrasonic	Pos. Displace	Ultrasonic
Typ. Operating Range (gpm)	0.75 - 35	0.1 - 32	1.25 - 70	0.4 - 55	2.5 - 120	1.25 - 100	2.5 - 170	1.5 - 160
Min. Flow (gpm)	0.375	0.05	0.75	0.25	1.25	0.4	1.5	0.5
Max. Continuous Operating Flow (gpm)	25	32	50	55	80	100	100	160
Pressure Loss (PSI/gpm)	5/25	2/15	6.5/50	1.8/25	4.8/80	3.8/100	3.3/100	5.2/160
Max. Operation Pressure (PSI)	150	175	150	175	150	175	150	175

Other considerations for sizing include pressure losses across DCVA/meter in low-pressure areas and water use in the ICI sector (i.e. motel).



# Project Planning

- Platform for AMI and endpoint selection based off existing platform used in other metered RDCK water systems.
- Ease of set-up: meter read factors (also termed “multiplier”) may differ when mixing meter manufacturers and endpoints/meter interface units.

Meter Brand	Model	Size	Read Format	Auto Head Factor	Manual Head Factor
		3/4"			
Badger	M25	5/8"	99999	0.0001	0.0001
Neptune	T-10 ProCoder	2"	999999	1	0.01
Neptune	T-10 ProCoder	3/4"	99999	0.1	0.001
Neptune	T-10 Proread	3/4"	99999	0.1	0.1
Neptune	T-10 Ecoder	3/4"	99999	0.1	0.0001
Neptune	T-10 Ecoder	1"	99999	0.1	0.0001
Neptune	T-10 Ecoder	2"	999999	1	0.001
Sensus	Omni T2 Turbo	2"	999999	0.01	0.01
Sensus (new)	Omni T2 Turbo	2"	999999	1	0.001
Badger	Blank in Beacon	2"	999999	0.001	0.001
Neptune	T-10 Proread w/ MIU	1"	99999	1	0.0001
Badger	M170	2"	99999	0.0001	

MIU Id: 121165951

Inventory Status: ASSIGNED

Id Expected: MIU ID

Measures In: CUBIC\_METER

Body Serial:

Read Method: CELLULAR

Brand: NEPTUNE

Read Format: 99999

Model: T-10 PROCODER

Auto Head Factor: 0.1

Type: POS DIS

Manual Head Factor: 0.1

Size: 3/4  Full Flow

Sealed:

Last Reading: 2434

Registered:

Last Reading On: Jan 1, 2026



## Project Planning – Lessons Learned

*Bylaw updates to include:*

- **Defining When SRoW Is Required** - If installation extends significantly beyond property line or creates a substantial/ ongoing encumbrance.
- **Confirm Statutory Entry Authority** - Explicit reference to LGA s. 290 and Community Charter s. 16 - entry at reasonable times with reasonable notice.
- **Establish Restoration Standard** - Commitment to reasonable restoration (regrading, reseeding/sod).
- **Clarify Compensation Framework** - No compensation for standard meter installation near property line. Compensation only where required under LGA s. 292.



## Project Planning – Lessons Learned

*Meter Pit Placement on Private Property and Property Owner Consent/Waiver Example (next Slide):*

Mailing Address (if different): \_\_\_\_\_

Phone / Email: \_\_\_\_\_

The Regional District of Central Kootenay (RDCK) is installing water meters on all Erickson Water System connections as part of the Phase 2 Metering Project. This program is fully funded by a senior government grant, and there is no cost to the property owner for installation - if completed as part of this program.

To install the meter pit, RDCK staff and contractors may need to enter onto private property. Under section 290 of the Local Government Act, the RDCK has the authority to install waterworks within private property boundaries. However, RDCK is requesting your written consent to proceed cooperatively.

By signing this form, the property owner(s):

**Consent to Access and Installation**

Authorize RDCK staff and contractors to enter the above property for the purposes of installing a water meter pit and related equipment.

Acknowledge that the meter pit that requires installation on private property will typically be installed just inside the property line at or near the existing service connection.

**Restoration**

Acknowledge that RDCK or its contractors will reasonably restore the disturbed area to pre-construction condition following installation.

**Waiver of Compensation**

Waive any claim for compensation arising from the installation of the meter pit, provided the RDCK reasonably restores the disturbed area to pre-construction condition.

**Bylaw Requirement**

Acknowledge that under RDCK Water Bylaw No. 2894 (2023), water meters are required and are normally installed at the owner's expense unless installed as part of a Regional District metering program.

**Return Instructions:**

Please return the signed form by [insert date] using one of the following methods:

Email: [insert RDCK email address]

Mail: RDCK – [insert mailing address]

In person: RDCK Creston Office, [insert address]



## Project Planning – Lessons Learned

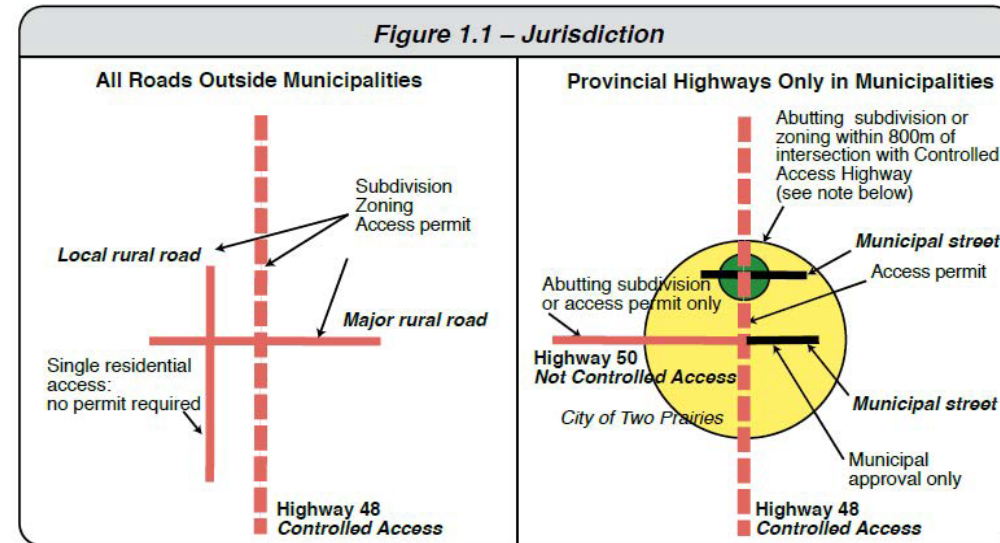
*Meter Pit Placement on Private Property and Property Owner Consent/Waiver Response SOP (next Slide):*

<p>provided</p> <ul style="list-style-type: none"><li>• Pre- and post-install photos taken</li><li>• Restoration completed</li><li>• File closed</li></ul>	<p>Two pathways depending on site conditions:</p> <p>A. Proceed Under Statutory LGA Authority (Default)</p> <p>We can leverage this where:</p> <ul style="list-style-type: none"><li>• Installation is near property boundary</li><li>• No known complications</li><li>• No objections raised</li></ul> <p>Action:</p> <ul style="list-style-type: none"><li>• Issue 48-hour entry notice referencing LGA s. 290</li><li>• Proceed with installation</li><li>• Document with photos</li><li>• Restore area</li></ul> <p>B. Escalate to Site Visit - Used where:</p> <ul style="list-style-type: none"><li>• Irrigation systems visible</li><li>• Orchard/fencing complexity</li><li>• Steep terrain</li><li>• Known sensitive property</li></ul> <p>Action:</p> <ul style="list-style-type: none"><li>• Attempt phone contact</li><li>• Offer brief site meeting</li><li>• Seek written consent on-site</li><li>• If unresolved → revert to Option A</li></ul>	<p>Step 3 – Decision – options here are:</p> <ul style="list-style-type: none"><li>a) Proceed under S.290 as the default approach here</li><li>b) Defer the installation</li><li>c) Inform the Owner that they are required to supply an owner paid meter install</li></ul>
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## Permits - MoTT

- MoTT permits for placing infrastructure or working within road right-of-ways impacts Regional Districts/Improvement Districts and Municipalities containing Provincial Highways:

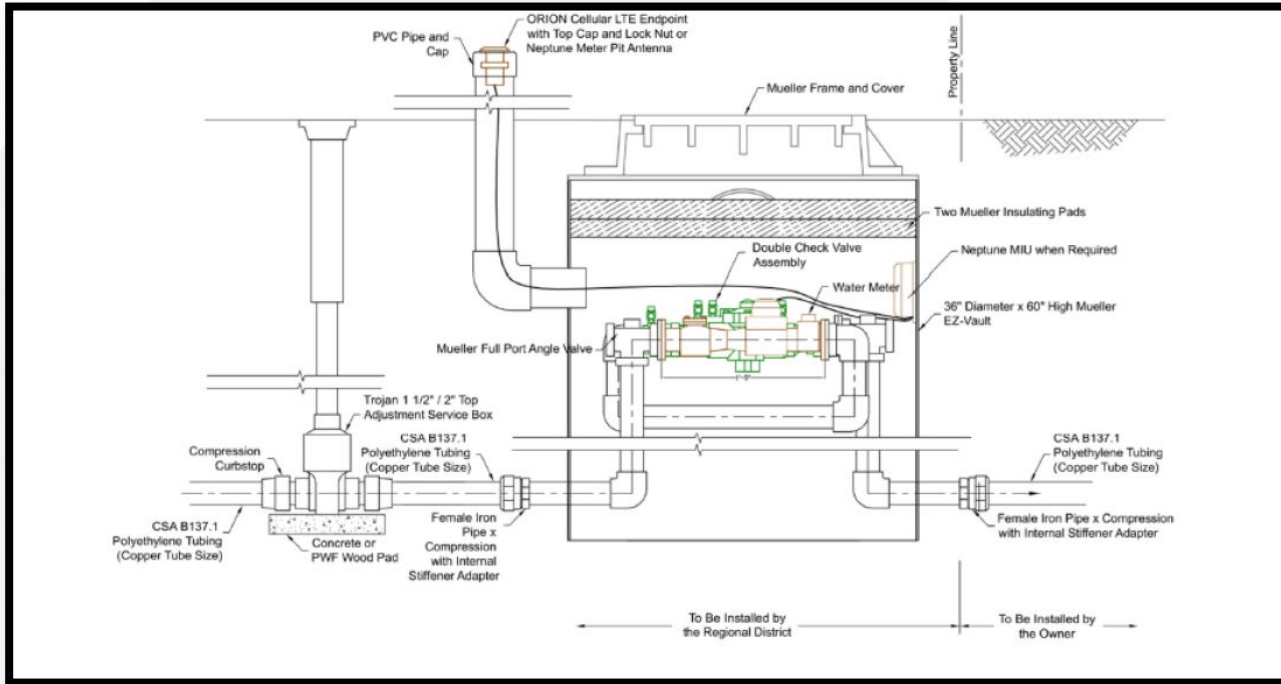


The Ministry may also have jurisdiction if a Development Permit, Heritage Agreement, Land Use Contract or Development Variance Permit is involved.



# Permit – MoTT Application

- Documentation for the initial permit application included a complete list of all site addresses with associated map showing their location and a standard detail for installation.
- These formed the Appendices of the issued Permit.



**PROVINCIAL PUBLIC HIGHWAY  
PERMIT APPLICATION**

**APPENDIX A: PROPOSED SITE LOCATIONS**

Civil Address	Legal Address	PID
920 25TH AVE S	BLOCK 26 PLAN NEP698 DISTRICT LOT 891 KOOTENAY LAND DISTRICT EXCEPT PLAN 3031, & EXC PCL A SEE DD 18512	015-493-211
923 25TH AVE S	LOT 25 PLAN NEP698 DISTRICT LOT 891 KOOTENAY LAND DISTRICT EXCEPT PLAN 4195 5554 18864	014-024-187
1121 25TH AVE S	LOT 7 PLAN NEP1456 DISTRICT LOT 491 KOOTENAY LAND DISTRICT	015-687-651
1139 25TH AVE S	LOT 6 PLAN NEP1456 DISTRICT LOT 491 KOOTENAY LAND DISTRICT	015-695-964
1227 25TH AVE S	LOT 5 PLAN NEP1456 DISTRICT LOT 491 KOOTENAY LAND DISTRICT	015-695-913
916 27TH AVE S	LOT 13 PLAN NEP1455 DISTRICT LOT 812 KOOTENAY LAND DISTRICT EXCEPT PLAN 4569	015-686-850
948 27TH AVE S	LOT 14 PLAN NEP1455 DISTRICT LOT 812 KOOTENAY LAND DISTRICT EXC (1) PCL A (SEE 40537I) & (2) PCL B (SEE 134003I)	015-742-431
1004 27TH AVE S	LOT 15 PLAN NEP1455 DISTRICT LOT 812 KOOTENAY LAND DISTRICT PARCEL A, (SEE J12066)	015-742-512
1016 27TH AVE S	LOT 2 PLAN NEP730B DISTRICT LOT 812 KOOTENAY LAND DISTRICT PART NORTH OF A LINE WHICH BISECTS EASTERLY & WESTERLY BNDRYS	016-111-532



## Permit – MoTT Conditions

- Installation of all water meters to be within 1 metre of property line and a minimum of 1 metre from the road prism including road ditches.
- If applicant is unable to install the meters in accordance to the conditions set out in this permit, please contact the ministry representative to discuss alternative solutions. Failing to do so may require the applicant to remove the water meters and install outside of the right of way.
- Applicant to ensure that at ground surface, there is not obstruction or placement of materials that will prevent maintenance activities such as mowing and brushing. In the case that works interfere with maintenance including safety, works are to be corrected by the permittee at their own expense.
- The Permittee is responsible for all costs of maintenance or remedial work required as a result of these works for a period of two (2) years.



## Permits – Lessons Learned

- MoTT not clear in Utility Policy Manual on permission to install meter pits in the right-of-way.

### **Ongoing for Phase 2:**

- MoTT requests a survey showing edge of asphalt, highway right-of-way and approximate proposed meter installation location.
- In addition to the information provided in the Phase 1 permit application, we are now including detailed imagery and a LIDAR survey using RDCK's drone.



# Tendering

- Phase 1 – RDCK purchased all meter pits, meters and endpoints separately, tendering the installation portion through an RFP that split the project into two areas.

**Water Service Card**  
ERK 2024 Phase 1 Metering Project

Monday, January 27, 2025

Is this a new card or an edit to a previous card?

**PROPERTY INFORMATION:**

Residential Address: [REDACTED]

How many services does this property have?

**SERVICE LOCATION (complete at least one):**

Measurements of service in feet in relation to the following (include N.E.S.W. reference), and approximate depth of service line:

**Service 1:**

1. Depth (ft)	5
2. Asphalt Edge (ft)	3 west of 27th

**Service 2:**

1. Depth (ft)	4
2. Asphalt Edge (ft)	N/A 313 north of southern fence
3. Power Pole (ft)	N/A 12 south of Northern fence

**Service 3:**

Other:

New curbstop required?

Service relocation required?

Property features or driveway rehab required?

Photo(s) of service in relation to landmark:

1

- Had contractors bid on the price per unit of installation considering basic potential costs within 2 meters of the installation site (including excavation, minor landscaping, simple fences).
- Remaining items outside of this scope would be invoiced on force account (including replacement of curbstops, installation of corp. stops, asphalt removal/repair, service extension/relocation, architectural fences, etc.).
- Endpoint installation and activation to be completed by RDCK.

Installation information provided to bidders



## Tendering – Lessons Learned

- Contract type – Unit pricing may potentially provide a cost savings but will incur more time for force account review (fixed pricing assumed to typically cost more as it adds to contractor's risk). Scope needs to be very detailed in what is considered “force account” work.
- One contract or several contracts:
  - A single contractor may reduce coordination efforts and increase economies of scale.
  - Multiple contracts may have prevented sole contractor issues impacting overall project.
- Materials – Ensure specifications are thorough; specify required fitting material.



## Construction

- Pre-construction meeting and site visits to record existing conditions, identify potential force account work and take photos.
- RDCK responsibilities:
  - Notify customer of work through door-tags, based on schedule provided by contractor.
  - Inspections: Before construction, before backfill, at completion.
  - Isolate distribution system as needed for curbstop replacements;
  - End-point installation.
- As-builts recorded through Contractor-submitted JotForms with photos.
- Invoices included unit-pricing and force account expenses.





## Construction – Challenges



- Operators had limited capacity to complete owner-inspections on top of regular duties.
- Challenging contractor communications including quality and timeliness of submissions.
- Significant meter pit quality issues.
- Non-standard customer service lines and infrastructure installed in close proximity to RDCK infrastructure required relocating or replacement.
- Distribution system isolation limited by corp. stop availability.



## Construction – Lessons Learned

### For Phase 2:

- Hiring full-time, on-site site inspector to supervise and support operational staff.
- Improved submittal templates and set clearer administrative expectations.
- Greater risk assigned to the contractor to reduce RDCK effort/risk and potential cost increases:
  - Contractor responsible for services location.
  - Contractor to supply meter pits and lay-down areas.
  - A number of common force account expenses included within contract price including:
    - Cutting and restoration of asphalt/concrete surfaces.
    - Curb stop replacements.
    - Excessive excavation depths.
    - Pipe freezing to simplify distribution isolations.
  - Increased customer communication responsibilities.



As a result of Phase 1 metering, two major leaks were found and repaired, totaling a leak volume of **131,870 liters/day**

**Questions?**





## Committee Report – For Information

April 1, 2026

### Erickson Water System – Universal Metering Program: Installation Approach and Property Interface

<b>Author:</b>	Chris Gainham, Utility Services Manager
<b>File Reference:</b>	11-5700-ERK-20
<b>Electoral Area/Municipality:</b>	B and C
<b>Services Impacted</b>	Erickson Water System S250

#### 1.0 PURPOSE OF REPORT

The purpose of this report is to outline the approach taken by staff for water meter installation for the Erickson Water System Universal Metering Program, including circumstances where installations occur on private property. This report is for information only.

#### 2.0 BACKGROUND AND UPDATE

The Erickson Water System Universal Metering Program is being implemented in two phases and is fully grant funded. Phase 1 scope is meter installation on industrial, commercial, institutional and larger agricultural properties. Phase 2 expands installation to all remaining residential and smaller agricultural connections and upon completion Erickson will have full universal metering.

The program is intended to support improved water conservation, identify leakage, and enhance the long-term sustainability of the Arrow Creek water supply. As outlined in the recent Board report for Phase 2 - Contract Package 1, the system is experiencing increased demand pressures and metering is a key demand-side management tool.

While the preferred location for meter installation is within public road right of way, this is not achievable in many areas of the Erickson system. A significant portion of the existing distribution network was constructed decades ago and is located along property lines or directly on private land without registered Statutory Right of Ways (SRWs). In addition, physical constraints including narrow Ministry of Transportation and Transit (MOTT) rights-of-way, roadside ditches, terrain, trees and orchards limit available installation locations.

As a result, meter pits are often required to be installed just inside private property boundaries, typically adjacent to the existing service connection. This approach minimizes disturbance, avoids extension of service connections, and reflects the practical realities of working with the existing system configuration. While it is common for SRWs to be acquired when local governments need to use private property for a purpose unrelated to that owner, it is uncommon for SRWs to be sought in order to provide services that are directly related to the same owner since these are covered under provisions contained in the Local Government Act and Community Charter and clarified in the Draft Water Bylaw 3078, 2026 that is also being presented in this Water Services Committee Meeting.

Staff have adopted a cooperative and customer-focused approach to these installations. Property owners are notified in advance of the work and are provided with an opportunity to review installation locations. An information package that includes a Consent and Waiver Form was developed and distributed to ~70 property owners so far, and represents a cooperative and consultative approach to completing these works. The document confirms what reasonable site restoration entails, and provides clarity regarding compensation. This approach reflects both the legislative framework and the desire to work collaboratively with property owners.

Under Section 290 of the Local Government Act, the RDCK has the authority to enter private property to operate and maintain waterworks. However, staff have prioritized a “good neighbour” approach that emphasizes communication, consent, and minimizing impacts. The Consent and Waiver Form included as Appendix A supports this approach by providing transparency, reducing the potential for disputes related to restoration or compensation and provides property owners with detailed information on what to expect from installation and multiple convenient ways to return a signed form and/or inquire with staff for more information.

The challenges associated with installing infrastructure on private property are consistent with broader issues experienced by the RDCK in securing SRWs for legacy infrastructure. As noted in previous reporting to the Committee, many RDCK systems contain infrastructure on private land without formalized agreements, which continues to present operational and administrative challenges.

### 3.0 NEXT STEPS AND TIMELINE

Staff intend to leverage the Water Metering Project – Customer Consent Form as the Phase 2 Universal Metering Program project progresses.

Respectfully submitted,



Chris Gainham-Utility Services Manager

### CONCURRENCE

Uli Wolf – General Manager of Environmental Services

#### ATTACHMENTS:

**Attachment A – Phase 2 Water Metering Project – Customer Consent Form**



File No. 11-5700-ERK

March 18, 2026

«Name1»

«Name2»

«Address»

Dear Erickson Water System Customer:

**RE: Phase 2 Water Metering Project – Customer Consent Form**

The Regional District of Central Kootenay is moving forward with Phase 2 of the Erickson Water System Universal Metering Project. This project is fully funded by a grant from the Provincial Water Meter Pilot Project and will see water meters installed on all remaining residential and agricultural properties connected to the Erickson system.

Water meters are being introduced to identify and address leakage, better understand usage, improve water conservation, and help manage and protect the long-term sustainability of the Arrow Creek water supply.

While the preferred location for water meter pits is within the public right-of-way, in some cases meter pits will be installed near the property line on private property, close to the existing water service connection.

**What to Expect During Installation**

Water meters are typically installed close to the property line, immediately downstream of the service shut-off valve (curb-stop) and an illustration is provided. This allows the water to be temporarily turned off during installation and ensures the meter measures only water used on the property.

Installation generally involves:

- Locating the underground service line
- Completing a small excavation near the service connection
- Installing a pre-manufactured in-ground water meter pit assembly
- Backfilling and restoration of the disturbed area
- Installing a lockable composite lid that is flush with the ground surface
- Securing a Smart Water Transmitter beneath the lid to allow remote meter readings and allows customers to view their water usage in near-real-time via EyeOnWater - a free app and web service that allows utility customers to track water usage, detect leaks, and view consumption data.

If the service shut-off valve is located on or near the property line, the meter pit may be installed just inside private property.

The RDCK will work with property owners to select a practical location and minimize impacts as much as is reasonably possible.

Under Section 290 of the Local Government Act, the RDCK has the authority to enter private property to install water meters. However, we believe it is important to work cooperatively with property owners and to provide additional clarity and protection for both parties.

To this end, we are asking property owners to review and sign the enclosed Consent and Waiver Form. By signing, you:

1. Provide written consent for the RDCK and its contractors to access your property to install the water meter pit (with advanced notice prior to construction).
2. Acknowledge that the RDCK will reasonably restore the disturbed area to pre-construction condition, subject to normal construction limitations, and
3. Waive compensation claims related to the installation, provided restoration is completed as described.

There is no cost to property owners for installation under this grant-funded program. Section 14.4.1 of RDCK Water Bylaw No. 2894 (2023) states that water meters are normally installed at the owner's expense unless installed as part of a Regional District metering program. If consent is not provided, the RDCK will determine next steps in accordance with the Water Bylaw and applicable legislation.

We encourage all customers to return the signed form by April 6, 2026 so that installation can be completed efficiently and at no cost to you.

Another convenient option is to sign a digital copy of the consent form. Should you wish to pursue this option, a digital copy of the form is available at the following QR code:



Alternatively, the digital form can be accessed at the following link: <https://rdck.jotform.com/260714716112045>

If you have any questions about the project or the consent form, please contact the Utility Services department at [WaterContact@rdck.bc.ca](mailto:WaterContact@rdck.bc.ca) or phone 250.352.8161 or 1.800.268.7325 (Mon-Fri 8:30 am – 4:30 pm).

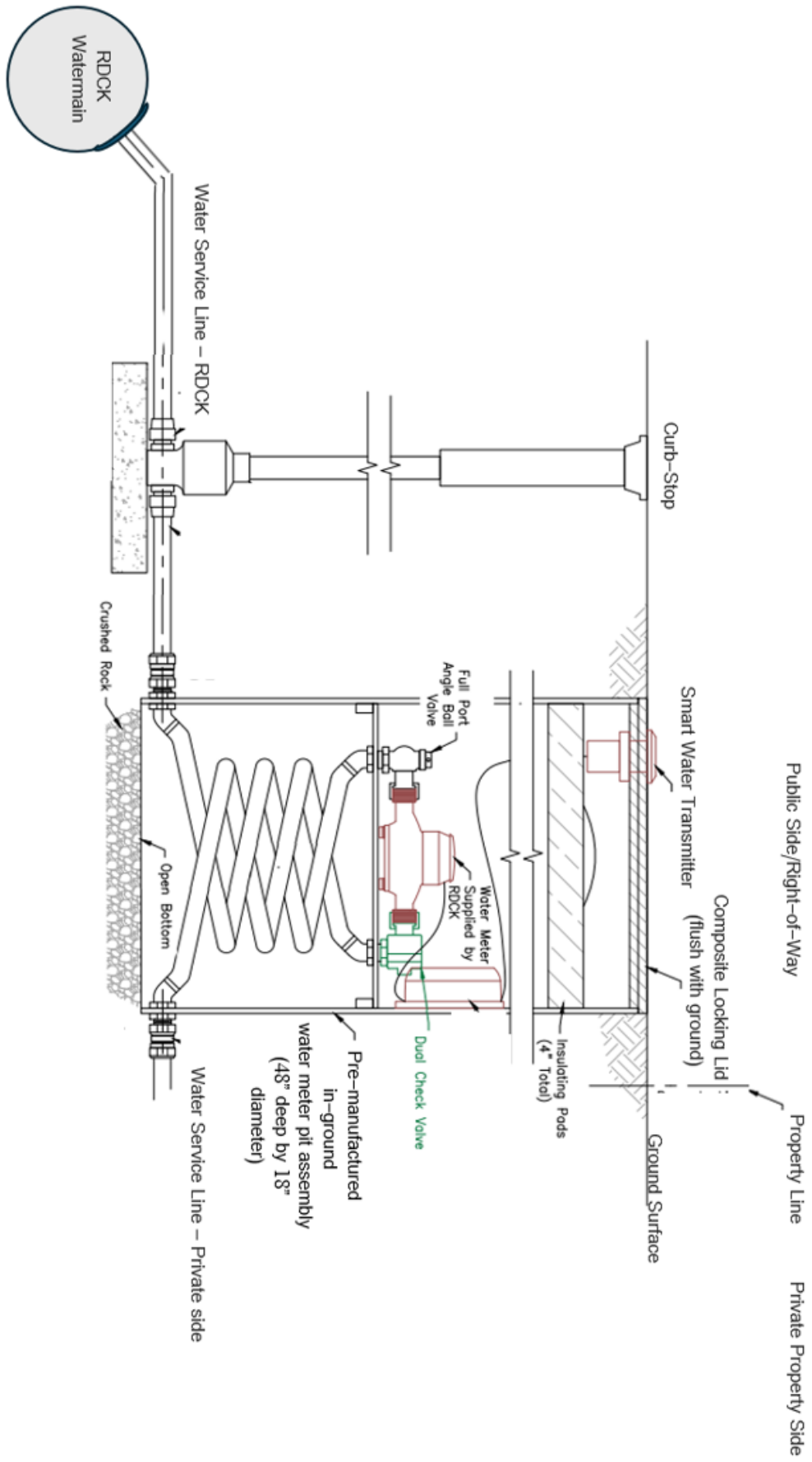
Thank you for your cooperation as we implement this important water system improvement.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Chris Gainham', written over a light blue circular stamp.

Chris Gainham  
Utility Services Manager

Enclosures: Consent and Waiver Form



**Illustration of a Water Meter Pit installed on the Public Side**

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**Consent and Waiver Form  
Regional District of Central Kootenay  
Erickson Water System – Phase 2 Metering Project**

Property Owner Name(s): \_\_\_\_\_

Service Address: \_\_\_\_\_

Mailing Address (if different): \_\_\_\_\_

Phone / Email: \_\_\_\_\_

The Regional District of Central Kootenay (RDCK) is installing water meters on all Erickson Water System connections as part of the Phase 2 Metering Project. This program is fully funded by a senior government grant, and there is no cost to the property owner for installation - if completed as part of this program.

To install the meter pit, RDCK staff and contractors may need to enter onto private property. Under section 290 of the Local Government Act, the RDCK has the authority to install waterworks within private property boundaries. However, RDCK is requesting your written consent to proceed cooperatively.

By signing this form, the property owner(s):

**Consent to Access and Installation**

Authorize RDCK staff and contractors to enter the above property for the purposes of installing a water meter pit and related equipment.

Acknowledge that the meter pit that requires installation on private property will typically be installed just inside the property line at or near the existing service connection.

**Restoration**

Acknowledge that RDCK or its contractors will reasonably restore the disturbed area to pre-construction condition following installation.

**Waiver of Compensation**

Waive any claim for compensation arising from the installation of the meter pit, provided the RDCK reasonably restores the disturbed area to pre-construction conditions.

**Continued on other side...**

**Bylaw Requirement**

Acknowledge that under RDCK Water Bylaw No. 2894 (2023), water meters are required and are normally installed at the owner’s expense unless installed as part of a Regional District metering program.

If this consent form is not signed and returned, the RDCK will determine next steps in accordance with the Water Bylaw and applicable legislation.

Owner(s) Signature(s):

\_\_\_\_\_ Date: \_\_\_\_\_

\_\_\_\_\_ Date: \_\_\_\_\_

**Return Instructions:**

Please return the signed form by Friday April 17, 2026 using one of the following methods:

**Jotform:**

Scan the following QR code to access the digital form:



Email: [WaterContact@rdck.bc.ca](mailto:WaterContact@rdck.bc.ca)

**Mail:**

Regional District of Central Kootenay  
Box 590, 202 Lakeside Drive  
Nelson, BC V1L 5R4

**In person: RDCK Creston Office**

531B 16 Ave S  
Creston BC V0B 1G5



## Committee Report

April 1, 2026

### Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026

<b>Author:</b>	Chris Gainham, Utility Services Manager
<b>File Reference:</b>	08-3200-10-3027
<b>Electoral Area/Municipality:</b>	A, B, C, D, E, F, G, H, J & K
<b>Services Impacted</b>	S241-Riondel, S242-Sanca Park, S243-Lister, S244-Ymir, S245-South Slocan, S246-McDonald Creek, S247-Lucas Road, S248-Duhamel, S250-Erickson, S251-Arrow Creek, S252-Burton, S253-Edgewood, S254-Fauquier, S255-Balfour, S256-West Robson, S257-Woodland Heights, S258-Grandview Properties, S259-Woodbury, S260-Rosebery Highlands

#### 1.0 STAFF RECOMMENDATION

That the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025.

That Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

#### 2.0 BACKGROUND/HISTORY

The 2026–2030 Financial Plan adopted by the Board establishes revenue requirements for each RDCK water service. The proposed bylaw updates reflect these approved budgets and provide the mechanism to recover required revenues. Rate adjustments vary by system and reflect differences in operating costs, capital requirements, and asset replacement needs. Increases are most commonly driven by aging infrastructure and the need to build reserve contributions to sustainably manage asset replacement, and also to meet evolving regulatory requirements - with these pressures being more pronounced in older systems with smaller customer bases. In many systems, additional pressure is being driven by the need to replace infrastructure will not achieve its original expected service life. This includes legacy asbestos concrete (AC) watermains and other non-standard infrastructure materials and systems. The 2026 Board adopted Financial Plan includes the following water services and requires the following Regional District water systems user fee changes:

- S251-Arrow Creek: Town of Creston 15.6% increase; Erickson contribution 5.9% increase
- S255-Balfour: 6% increase
- S252-Burton: 10% increase
- S248-Duhamel: 5% increase
- S253-Edgewood: 3% increase
- S250-Erickson: 4% increase

- S254-Fauquier: 10% increase
- S258-Grandview Properties: 11% increase
- S243-Lister: 20% increase
- S247-Lucas Road: 3.5% increase
- S246-McDonald Creek: User rates and fees are set by the Village of Kaslo
- S241-Riondel: 3% increase
- S260-Rosebery Highlands: 5% increase
- S242-Sanca Park: 2% increase
- S245-South Slocan: 5% increase
- S256-West Robson: 10% increase
- S259-Woodbury: 4% increase
- S257-Woodland Heights: 2%
- S244-Ymir: 3% increase

Rate increase letters are drafted and will be sent to water system customers with proposed increases of ~10% or more.

ATTACHMENT A provides a Utility Rates and Parcel Tax Summary & Comparison, and a redline of proposed bylaw clause changes is provided as ATTACHMENT B.

### 3.0 PROBLEM OR OPPORTUNITY DESCRIPTION

The utility rates, fees and charges contained in the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. XXXX, 2026 align with the Board approved 2026 Budget. Revenue generated from user fees is required to operate and maintain water systems in compliance with level of service standards and legislated requirements, and to deliver capital projects.

#### 3.1 Alignment to Board Strategic Plan

This bylaw supports the Board Strategic Plan by advancing fiscally responsible service delivery, sustainable infrastructure management, and a regional approach to growth.

RDCK water systems are critical service nodes that support rural development, economic activity, and community resilience. Maintaining financially sustainable systems ensures that these services remain reliable and capable of supporting both current users and future growth.

Rate setting is guided by a structured approach with dedicated infrastructure lifecycle and financial modeling as part of sustainable asset management planning. All water systems have a dedicated asset management plan that incorporates 25-year and 100-year infrastructure replacement horizons. This information guides reserve contribution needs, and rates are structured to balance long-term financial sustainability with affordability.

The bylaw also supports environmental stewardship objectives by encouraging efficient water use and funding ongoing system operation, maintenance, and regulatory compliance.

Proposed user fee changes reflect the financial needs outlined in these long-range plans and informed by the respective system Commission or Community Advisory Committee. The intent is to gradually build financial capacity required for future phased infrastructure replacement and upgrades (as reflected in the capital plans included in the respective 5-year financial plans), while avoiding the front-end loading of costs that could place

an undue burden on current users. User fees aim to strike a balance between longer-term financial responsibility and short-term affordability.

The utility rates, fees and charges contained this bylaw also align with the objectives related to water rate setting contained in the Board approved Regional District of Central Kootenay – Water Conservation Plan, (May 2019) and summarized below:

- Full-service cost recovery
- Rate and revenue stability and predictability
- Water conservation
- Fairness among different types of water users (residential, commercial, industrial, institutional, low volume users & high volume users)
- Financial ability to respond to changing supply-and-demand patterns
- Economic sustainability (changing operating costs, system expansion & asset renewal)
- Utility rates, fees and charges Simple and easy to understand and administer

### 3.2 Legislative Considerations

Utilities Rates, Fees, and Charges Bylaw No. 3077, 2026 is subject to the requirements of the Local Government Act, Community Charter, Building Act and other Acts and Regulations. The bylaw is consistent with the RDCK's Regional Water Management Plan, which recommends that the taxation component of each water system's annual cost recoveries are leveraged as much as possible to maintain an infrastructure renewal fund. In addition, they support the financial self sustainability of the individual water systems.

### 3.3 What Are the Risks

If the updated Utilities Rates, Fees and Charges Bylaw 3077, 2026 is not adopted the following are identified as risks:

Financial Risk - Insufficient revenue to support operational and capital programs.

Regulatory/Legislative Risk - Failure to align user fees with the Board-approved financial plan could result in inconsistency with the Local Government Act requirements for cost recovery and transparency.

Operational Risk - Underfunded systems may face deferred maintenance or inability to respond to emergency infrastructure needs.

Reputational Risk - Public perception of misalignment between adopted financial plans and actual billing practices may erode trust and credibility.

## 4.0 PROPOSED SOLUTION

Risks associated with the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 are few but may include:

Public Acceptance: Some ratepayers may be dissatisfied with annual rate increases, even if they are justified, informed and supported by the respective water system Commissions or Water System Community Advisory Committees.

Rate Equity Perception: Uniform increases may not be perceived as fair by all users, especially in systems with different operational costs.

#### **4.1 Financial Considerations of the Proposed Solution**

The utility rates, fees and charges contained in the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077 align with the Board approved 2026-2030 Financial Plan. Revenue generated from user fees is required to operate water systems and deliver capital projects.

#### **4.2 Risks with the Proposed Solution**

The primary risks relate to affordability and public acceptance, particularly in systems with higher increases

#### **4.3 Resource Allocation and Workplan Impact**

This work is included in the annual workplan and completed by staff.

#### **4.4 Public Benefit and Stakeholder Engagement of Proposed Solution**

Budget meetings have been held with all of the respective water Commissions of Management and water Community Advisory Committees.

Rate increase notifications have been prepared for systems with increases of 10% or greater, and billing inserts will be included with annual utility invoices.

While increases may create affordability challenges for some customers, particularly in small or rural systems, the proposed approach reflects a balance between maintaining service reliability and managing long-term financial sustainability.

#### **4.5 Leveraging Technology**

Rate setting is supported by established tools including asset management planning, SCADA system data and consumption tracking/reporting, metering and customer billing systems. These tools provide improved visibility into system performance, consumption patterns, and long-term infrastructure needs.

For systems with metered service, the option of consumption-based billing allows for more equitable rate structures and encourages conservation. Regardless of whether metered system billing is consumption or flat rate based, meter data provides valuable data and insight into consumption, informs capital and planning efforts and can flag non-revenue water loss and leakage in a system.

The proposed bylaw reflects the RDCK's continued commitment to evidence-based rate setting, long-term financial sustainability, and enhanced customer service through the integration of modern technologies and asset management principles.

#### **4.5 Measuring Success**

The rates, fees and charges contained in the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077 align with the Board approved 2026 Financial Plan and the primary measure of success is the generation of planned revenue. Other measures of success relate to customer satisfaction and communication.

## 5.0 ALTERNATIVE SOLUTION(S)

The alternative is that the Board could reject the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026.

### 5.1 Financial Considerations of the Alternative Solution(s)

The rates, fees and charges contained in the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077 align with the Board approved 2026 Financial Plan and if rejected will result in misalignment with the Board approved Financial Plan and a gap in revenue generation that is required to operate water systems.

### 5.2 Risks with the Alternative Solution(s)

Risks include a gap in revenue generation that is required to operate and maintain water systems and delay in delivering planned capital projects.

### 5.3 Resource Allocation and Workplan Impact

The preparation of the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. XXXX, 2026 is already included in the department workplan. If the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 is rejected, this will add unplanned work.

### 5.4 Public Benefit and Stakeholder Engagement of Alternative Solutions

Meetings were held with the respective Commissions and Water System Community Advisory Committees during which draft system budgets and respective utilities rates, fees and charges and planned capital works identified in the 5-year planning horizon were discussed. If the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 is rejected, a new set of meetings will need to be held to inform, consult and communicate changes to the respective Commissions and Committees.

### 5.5 Measuring Success

The primary measure of success will be the ability to generate required revenue.

## 6.0 OPTIONS CONSIDERED BUT NOT PRESENTED

N/A

## 7.0 OPTIONS SUMMARY

### Option 1:

#### Recommendation:

That the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025

That Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

#### Pros:

- Provides revenue for the 2026 water Financial Plans.

**Cons:**

- None.

**Option 2:**

**Recommendation:**

That the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 not be approved.

**Pros:**

- None

**Cons:**

- Will not provide sufficient revenue for the 2026 water Financial Plans

## 8.0 RECOMMENDATION

**RECOMMENDATION #1:**

That the Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025

**RECOMMENDATION #2:**

That Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3077, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.



Respectfully submitted,  
Chris Gainham – Utility Services Manager

## CONCURRENCE

General Manager of Environmental Services – Uli Wolf

Chief Administrative Officer – Stuart Horn

Chief Financial Officer – Yev Malloff

**ATTACHMENTS:**

Attachment A – 2026 RDCK Water Rates and Parcel Tax Summary

Attachment B – RDCK Utilities Rates, Fees and Charges Bylaw No. 3027, 2025 - REDLINE

Attachment C – Utilities Rates, Fees and Charges Bylaw No. 3077, 2026

Regional District of Central Kootenay - 2026 Utility Rates and Parcel Tax Summary & Comparison

Attachment A

System	2024							2025							2026							2026			Rate Increase Rationale	
	Water Bill User Fees				Tax			Water Bill User Fees				Tax			Water Bill User Fees				Tax			Change in Water Rates	Change in Tax	Change in Water Rates & Tax		
	SFD	Reserve Fund Contribution	AG Land	Total User Fee	Parcel	Frontage / Property Tax	Total	SFD	Reserve Fund Contribution	AG Land	Total User Fee	Parcel	Frontage / Property Tax	Total	SFD	Reserve Fund Contribution	AG Land	Total User Fee	Parcel	Frontage / Property Tax	Total					
Balfour Metered Rate Base Charge First Block (up to 100 cu m) Second Block (over 100 cu m)	683 1.36 2.04				369			751.05 1.50 2.24				387			796 1.59 2.38				406			6% 6% 6%	5%		Increases driven by asset replacement needs including asbestos concrete watermain replacement and reliance on revenue generation from a small customer base	
Burton	1,674			1,674	635		2,309	2,092			2,092	699		2,791	2,301			2,301	767		3,068	10.0%	9.7%	10%		
Duhamel	791			791	265		1,056	830			830	304		1,134	872			872	335		1,207	5.1%	10.2%	6.4%		
Edgewood	1,632			1,632	626		2,258	1,697			1,697	657		2,354	1,748			1,748	667		2,415	3.0%	1.5%	2.6%		
Erickson Single Family Dwelling Mobile Home	1,228 845	412 412	381	2,021 1,257			2,021 1,257	1,290 887	433 433	400	2,123 1,320			2,123 1,320	1,341 923	458 458	416	2,215 1,381				2,215 1,381	4.0% 4.1%	4.0% 5.8%		4.3% 4.6%
Fauquier	1,624			1,624	659		2,283	1,787			1,787	725		2,512	1,965			1,965	797		2,762	10.0%	9.9%	10.0%		
Grandview Metered Rate Base Charge First Block (up to 50 cu m) Second Block (over 50 cu m)	833 1.45 3.63			833	220		1,053	883 1.54 3.85			883	218		1,101	981 1.71 4.27			981	218		1,199	11.1% 11.1% 11.0%	0.0%			
Lister	670	573		1,243			1,243	771	659		1,430			1,430	925	791		1,716				1,716	20.0%	20.0%		20.0%
Lucas Road Metered Rate Base Charge Volumetric Charge/m <sup>3</sup>	1,113 2.10				600			1,169 2.21				600			1,210 2.32				600				3.5% 5.1%	0.0%		
McDonald Creek Parcel Tax	Total Parcel Tax Revenue				25,023			Total Parcel Tax Revenue				25,023			Total Parcel Tax Revenue				25,023							Increases driven by asset replacement needs including legacy distribution system piping that leveraged thin walled plastic pipe designed for irrigation and operation at lower pressures, and often with glued joints.
Property Tax	Total Property Assessment Revenue				6,242			Total Property Assessment Revenue				6,242			Total Property Assessment Revenue				6,242							
Riondel Drainage	Total Requisitions				25,084			Total Requisitions				25,084			Total Requisitions				25,084							
Riondel Water	888				888			915				915			942				942							
Frontage Tax	Total Frontage Tax Revenue				54,991			Total Frontage Tax Revenue				57,741			Total Frontage Tax Revenue				60,628							
Rosebery Highlands	1,570			1,570	345		1,915	1,648			1,648	363		2,011	1,730			1,730	381		2,111	5.0%	5.0%	5.0%		
Sanca	781			781	495		1,276	805			805	495		1,300	821			821	495		1,316	2.0%	0.0%	1.3%		
South Slokan	2,115			2,115	244.26		2,359	2,263			2,263	244.26		2,507	2,376			2,376	244		2,620	5.0%	0.0%	4.5%		
South Slokan - No Loan Customers	2,115			2,115	325.75		2,441	2,263			2,263	325.75		2,589	2,376			2,376	326		2,702	5.0%	0.0%	4.4%		
Woodland Heights	1,582			1,582	259		1,841	1,614			1,614	259		1,873	1,646			1,646	259		1,905	2.0%	0.0%	1.7%		
Woodbury Village	989			989	426		1,415	1,029			1,029	456		1,485	1,070			1,070	488		1,558	4.0%	7.0%	4.9%		
West Robson Single Family Dwelling	858			858	155		1,013	944			944	170		1,114	1,038			1,038	188		1,226	10.0%	10.6%	10.1%		
Mobile Park Dwelling	643			643	121		764	707			707	133		840	777			777	146		923	9.9%	9.8%	9.9%		
Ymir	659			659				686			686				706			706					2.9%			
Frontage Tax	Total Frontage Tax Revenue				46,200			Total Frontage Tax Revenue				48,510			Total Frontage Tax Revenue				49,965					3.0%		

## Bylaw No. 3027

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A Bylaw to regulate utility rates, fees, and charges for the Regional District of Central Kootenay owned utilities.

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WHEREAS the Regional District of Central Kootenay wishes to regulate utility rates, fees, and charges for the Regional District of Central Kootenay owned utilities.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

### APPLICATION

- 1 (1) This Bylaw is applicable to all Water Service Areas of the Regional District of Central Kootenay.
- (2) When a Regional District water system is supplied with water from an adjacent local government, the bylaws of that local government and agreement conditions may apply.
- (3) Schedule A Labour rates apply to all Water Systems.

### DEFINITIONS

- 2 In this bylaw:

**Account** means a formal arrangement under this Bylaw for the provision of water services to a Property.

**Account Activation** means physically turning on the water and re-establishing or adjusting an Account as required.

**Account Deactivation** means physically turning off the water to an Owner's Property, removal of any part of the Regional District Water Connection as required by the Manager, adjusting the Owner's Account accordingly and suspending the account.

**Account Holder** means the person, organization, agent or representative that holds the water Account with the Regional District of Central Kootenay.

**Account Type** means the predominate usage of the Account such as but not limited to: Single Family Dwelling, Multiple Dwelling Property, Commercial, Industrial, Institutional, Agricultural, and Recreational.

**Agricultural Land** means land where agricultural irrigation privileges have been assigned by the Manager.

**Auxiliary Building or Dependent Suite** means a secondary or supplementary building or Unit that does not include all of cooking, eating, living, sleeping and sanitary facilities. An Auxiliary Building or Dependent Suite intended for habitation would be reliant on the main Dwelling.

**Board** means the Regional District of Central Kootenay Board of Directors.

**Capital Infrastructure Charge** means a fee levied during Development that is placed into reserves as a contribution to the cost of existing water infrastructure, upgrades and long term asset renewal.

**Capital Reserve Fund Contribution** means a fee levied that is placed into reserves as a contribution to the cost of water infrastructure upgrades and long term asset renewal.

**Carwash** means a building or structure containing facilities for washing motor vehicles, including tunnel car washes, coin operated automatic car washes and coin operated self-service car washes.

**Commercial** means any Unit for which the use is the provision for the selling of goods and services, for the servicing and repair of goods or for commercial office functions, including but not limited to retail sales, wholesaling incidental to retail sales, commercial education and entertainment services, household services and all associated repairs, other personal and non-personal services and administrative, commercial and professional offices.

**Commercial Carwash** means a Carwash used or operated by a Commercial or Industrial business.

**Customer** means the Owner or occupant of any Property to which water is supplied or made available from the Regional District.

**Development** means the construction, alteration, or extension of buildings, structures, utilities or any use that requires the issuance of a building permit, plumbing permit, or Interior Health construction permit issued in accordance with the *Drinking Water Protection Act*.

**Dwelling** means any living quarters used or has the potential to be used by one or more persons which contains cooking, eating, living, sleeping and sanitary facilities.

**Flat Use Water Rates** means water use rates that are independent of the water quantity used.

**Folio** means a land identification number assigned by British Columbia Assessment and is used for Property tax purposes. Folio is synonymous with Assessment Roll Number. A Folio in this Bylaw may describe one or more Parcels grouped under one British Columbia Assessment Folio.

**Guest Room** means a room or structure with sleeping facilities provided for guests.

**Industrial** means businesses such as but not limited to airports, aggregate processing, asphalt plants, bulk fuel storage, concrete plants, fabrication plants, manufacturing, processing, sawmills, and truck terminals.

**Institutional** means activities focusing on non-profit services in the public's interest. For example, schools, hospitals, group foster homes, and buildings used for religious worship.

**Irrigation** means the distribution of water to the surface or subsurface of lawns, gardens, orchards greenhouses by pipes, hoses, sprinklers or any other method.

**Manager** in this Bylaw, unless the context otherwise requires, means the Regional District of Central Kootenay General Manager of Environmental Services, the Water Operations Manager, Utility Services Manager or designate.

**Manufactured Home** means any structure, whether ordinarily equipped with wheels or not, that is designed, constructed or manufactured to be moved from one place to another by being towed or carried, and that is used as a Dwelling.

**Manufactured Home Park** means property for which Manufactured Homes or other Dwellings sites are offered for lease or rent.

**Meter** means meters and other equipment or instruments used by the Regional District or authorized by the Regional District to be used to calculate the amount of water consumed.

**Metered Base Charge** is a fixed fee charged for water associated with metered based accounts that represent fixed water service costs and not variable costs related to the volume of water treated and distributed.

**Metered Rate Based Accounts** are Accounts that include a water billing rate based on volumetric metered consumption.

**Metered Rate Volumetric Charge** is a charge that varies with the volume of water delivered to the property.

**Mobile Housing Unit** is any type of living accommodation that has been produced to be transported or is a mobile unit such as a ship, boat, recreational vehicle, Manufactured Home and so on, and occupied as living quarters.

**Multiple Dwelling Property** means any Property containing more than one Dwelling Units on one Folio.

**Owner** has the same meaning as in the *British Columbia Land Title Act* and *Manufactured Home Act*.

**Owner Water Connection** means the Owner's water lines and appurtenances downstream of the Regional District Water Connection.

**Parcel** means the unit lot, block or other area in which land is registered under the *British Columbia Land Title Act*.

**Property** means land and improvements.

**Property Line** means a line which defines, in the British Columbia Land Title Office, the perimeter of a Parcel.

**Recreational** is land primarily used for public recreation and includes but is not limited to parks, sports fields, playgrounds, green areas, beaches and public camping sites.

**Regional District of Central Kootenay or Regional District or District** means the Regional District of Central Kootenay, as described under the British Columbia Local Government Act with offices located at 202 Lakeside Drive, Nelson, BC V1L 5R4 Phone: 250-352-6665 or toll-free number 1-800-268-7325 and Fax: 250-352-9300.

**Regional District Water Connection** means the water line extending from the Water Main to the Curb Stop Valve, generally near the Property Line and shall include any immediate downstream Meter installation, or Backflow Preventer.

**Reserve Account** means a financial account maintained by the Regional District to fund Water System infrastructure improvements, renewal, replacements, major repairs, study, assessments, plans and project management.

**Seasonal Service** means a service that is turned on for 8 months or less. The Seasonal Service rate only applies if identified in the Fees and Charges Bylaw.

**Secondary Suite** means an additional Dwelling attached to the principle Dwelling that is used or has the potential to be used as a living quarters by one or more persons. A Secondary Suite contains cooking, eating, living, sleeping and sanitary facilities.

**Short-Term Accommodation Rental** means a Dwelling, Secondary Suite, or Guest Room wherein accommodation is offered for rent to the public on a temporary basis of 31 days or less.

**Single Family Dwelling** means building or structure that contains only one Dwelling.

**Subdivision** means a subdivision as defined in the *British Columbia Land Title Act*, and a subdivision under the *British Columbia Strata Property Act*.

**Subdivision Bylaw** means the Subdivision Bylaw No. 2159 as it may be amended or replaced from time to time.

**Surveyor of Taxes** is responsible for collection of taxes for British Columbia rural areas.

**Swimming Pool** is any permanent or semi-permanent artificial pool for swimming in.

**Title (Land Title)** refers to the registration of land ownership in accordance with the *British Columbia Land Titles Act*.

**Turn On/Off** means a temporary interruption in or discontinuance of the supply of water authorized by the Regional District.

**Undeveloped Parcel** is a Parcel of land within a Regional District Water System where the water has not yet been turned on and where water has been made available.

**Unit** means any Dwelling, Commercial, Industrial, or Institutional space.

**Water Conservation Measures** any measures implemented by the Manager to restrict water usage.

**Water Main** means any water pipe under the control of the District which is intended for public use.

**Water Main Extension** is the extension or construction of a new water main to provide servicing to a new Water Connection(s).

**Water Meter** see Meter.

**Water Service Area** means the area defined by the Water System service area establishment bylaw.

**Water Service Area Extension** is the extension of the Water Service Area boundary by bylaw to include one or more additional parcels of land.

**Water System** means all Regional District owned assets like Water Mains, water treatment facilities, pump stations, reservoirs, wells, water intakes and all associated appurtenances.

**Water Tax** is a tax levied that contributes to the funding for a Water System.

**Work** means construction, maintenance, inspection or testing services provided for an Owner.

**Work Order** is a written order on an Approved form providing agreement by a Owner to proceed with Work identified on the form for which the Owner will be responsible for costs incurred by the Regional District in accordance with this Bylaw.

## SEVERABILITY

- 3 If any portion of this Bylaw is for any reason held to be invalid by the decision of any court of competent jurisdiction, that portion may be severed from the Bylaw and such decision shall not affect the validity of the remaining portions of the Bylaw.

## ADMINISTRATION

- 4 (1) The Manager is hereby authorized and directed to have general supervision over the Regional District of Central Kootenay Water Systems and to see that the provisions of this Bylaw are carried out.
- (2) The Manager shall have the power to appoint Designated Officers for the purpose of effectually carrying out the provisions of this Bylaw, and wherever the Manager is authorized or directed to perform any act or duty under this Bylaw, such act or duty may be performed by any Designated Officer authorized by the Manager to perform such act or duty.

## RATES AND ACCOUNT BILLING GENERAL

- 5
- (1) The Manager shall classify Accounts into Account Types and apply service charge rates as set out in this Bylaw.
  - (2) Accounts may include a mix of service charge fees.
  - (3) The Account Holder must pay all fees and charges for water supplied to the Account Holder's Property, as set out in this Bylaw.
  - (4) The Regional District's annual billing cycle will be from January 1st to December 31st.
  - (5) When a property changes ownership, the new Owner is responsible to apply for a New Account and the old Owner is responsible to close their Account. If an Application is not made, the Account Holder will be changed when British Columbia Assessment provides the new Property Owner information to the Regional District.
  - (6) Payments will be deemed to have been received on:
    - (a) the date payment is received in person at locations identified on Regional District utility bills;
    - (b) the date stamped by Canada Post on mailed payments; or
    - (c) the confirmed date the funds were transferred from the Customer's Account to the Regional District when payment was made through an approved financial institution.
  - (7) Any outstanding Account balances or Work invoices of more than 65 days on December 31st shall be deemed to be taxes in arrears in respect to the Property and the outstanding balance will be sent to the Surveyor of Taxes in accordance with Section 363.2(2) of the *Local Government Act*.
  - (8) Seasonal Service and Golf Course rates shall include one (1) annual Turn On and Turn Off.
  - (9) Seasonal Service, Public Campgrounds, Golf Course and Irrigation rates shall apply for the entire billing cycle regardless of whether or not the water has been Turned Off for a portion of the billing cycle.
  - (10) If an Auxiliary Building is used as the only Dwelling on a Property it is considered a Single Family Dwelling.
  - (11) Auxiliary Buildings and Dependent Suites are not subject to Dwelling Unit charges unless specifically identified in this Bylaw.
  - (12) If the Dwelling is occupied for more than 30 days of the calendar year, it is subject to assessment under this Bylaw.
  - (13) Mobile Housing Units set up for long-term occupancy greater than 90 days per calendar year or used as the only Dwelling, or Mobile Housing Units used for Commercial purposes shall be subject to service charges.

- (14) Agricultural Land Charge shall be assessed in increments of 0.1 acres, rounded down.
- (15) The Agricultural Land Charge assessed shall exclude the first acre when the property is also assessed other charge(s) that includes up to 1 acre of irrigation privileges.
- (16) If an Owner requests a reduction in the amount of Agricultural Land Charge assessed area the following shall apply:
  - (a) an assessment of the suitability of the lands for agricultural production shall be completed by Qualified Person and paid for by the Owner;
  - (b) only those lands identified by the Qualified Person as not suitable for agricultural production might be considered by the Manager for removal from assessment of the Agricultural Land Charge; and
  - (c) if a reduction in the Agricultural Land Charge is approved by the Manager, the Owner shall be responsible for the installation costs of a Water Meter and related appurtenances, and the Account may be switched to a Metered Rate Based Account.
- (17) Where an error is found to have been made in the amount invoiced or billed to an Account, the amount either under-billed or over-billed shall be debited from or credited to Account and shown on the next invoice subject to the following:
  - (a) The adjustment period is limited to the time that the current Owner is on Title;
  - (b) The adjustment period(s) for under-billing are to a maximum of 1 year where the error can reasonably be said to have been the fault of the Regional District;
  - (c) Where an under-billing is found to have been made in the amount invoiced or billed to an Account as a result of unauthorized use of a water service, or can reasonably be said to be a result of fraud, theft, tampering with a Meter or other equipment, or any other similar act, the following may be charged to the Customer Account:
    - (i) the amount of the under-billing, up to 5 years,
    - (ii) any direct administrative costs incurred by the Regional District in investigating the circumstances, and
    - (iii) interest and penalties at the rate normally charged on unpaid Accounts receivable by the Regional District;
  - (d) The adjustment period(s) for over-billing are to a maximum of 5 years or when the current Owner came on title for the property, whichever is less;
  - (e) Where the exact amount of under-billing or over-billing cannot be determined, the Regional District may make a reasonable and fair estimate of the amount, using its own records or those of the Customer, and in keeping with amounts billed to other Customers in similar premises, being used in a similar manner, over the same time period; and
  - (f) Where an amount has been under-billed, and where the error can reasonably be said to have been the fault of the Regional District, the Regional District may offer the Customer reasonable terms of repayment, and may be interest and penalty free.
- (18) A separate Account will only be created for a Manufactured Home in a Manufactured Home Park if the Manufactured Home is registered with the British Columbia Manufactured Home Registry and a Folio has been assigned.

- (19) Any charges or Work invoices with payment outstanding of more than 65 days by the owner of an unregistered Manufactured Home in Manufactured Home Park may be transferred to the Manufactured Home Park owner's Account.

#### **FLAT USE WATER RATES AND ACCOUNT BILLING**

- 6 (1) Flat Use Water Rates may be prorated to the 15<sup>th</sup> or the end of each month for changes to Flat Use Water Rate Based Accounts.
- (2) Changes to Flat Use Water Rate Based Accounts based on Customer Application, resulting in a reduction in water billing shall be prorated to the date of Application, unless an error in billing provided for in 5 (17).
- (3) When a specific Flat Use Water Rate has not been identified by this bylaw and a usage rate is required, an equivalent rate may be applied by the Manager and the equivalent rate chosen shall consider fair consumption and operational cost equivalency.
- (4) For Flat Use Water Rate Based Accounts, a penalty of 10% will be imposed on any outstanding Account balances as of the end of the first business day following July 4<sup>th</sup> or 65 days following the date the utility bill is issued by the Regional District, whichever is later.
- (5) Clause 6(4) does not apply to Account Holders enrolled in the Voluntary Pre-Authorized Payment Plan.
- (6) The Capital Reserve Fund Contribution shall apply to all land Folios in a Service Area for which a rate is identified for the Service Area.
- (7) The Capital Reserve Fund Contribution shall apply to all specific types of improvements in a Service Area for which a specific Capital Reserve Fund Contribution is identified for the Service Area.

#### **METERED RATE BASED ACCOUNT BILLING**

- 7 (1) For Metered Rate Based Accounts, the Account Holder is responsible to request a Meter reading when ownership changes.
- (2) For Metered Rate Based Accounts, Meters shall be read as near as reasonably possible to the date of any ownership change. Water usage shall be estimated for any difference in time between meter reading and date of ownership change.
- (3) Metered Base Charge fees may be prorated to the 15<sup>th</sup> or the end of each month for changes to Metered Rate Based Accounts, and Meter Base Charge will not be assessed if an Owner Water Connection is Deactivated.
- (4) A Water Meter reading may be estimated for billing by the Manager based on either previous consumption patterns or a daily average consumption for the Customer Service Connection, or an Unmetered Building Construction rate might be used for billing if:
  - (a) the Regional District is unable to obtain a Water Meter reading;

- (b) a Water Meter fails to properly register the amount of water consumed.
- (5) If a Customer experiences abnormal water consumption, the Manager may adjust the Account Holder's bill taking into consideration any or all of the following factors:
  - (a) the cause or nature of the abnormal water consumption;
  - (b) any evidence of action taken by the Customer to abate the abnormal consumption;
  - (c) Flat Use Water Rates established for the water service; and
  - (d) any other factors that might be relevant.
- (6) The Manager shall establish a Meter reading and billing schedule for Metered Rate Based Accounts.
- (7) For Metered Rate Based Accounts a penalty of 10% will be imposed as of the end of the first business day, following 65 days from the date the utility bill is issued by the Regional District on any outstanding Account balances.

**SUBDIVISION AND DEVELOPMENT**

- 8 (1) The Regional District may waive or modify the Capital Infrastructure Charge requirements identified in this Bylaw for large Developments, if addressed by separate agreement with the Developer and the Regional District, in accordance with Section 937.1 of the *Local Government Act*.
- (2) Capital Infrastructure Charges collected shall be deposited to the Water Service's Reserve Account.
- (3) Capital Infrastructure Charges shall not be assessed for temporary Mobile Housing Units but shall be assessed for Commercial Mobile Housing Unit parking sites.
- (4) If a Parcel, subdivided after December 31, 2015, was not subject to some form of Regional District Capital Infrastructure Charge and a Regional District Water Connection was not provided, the Parcel is subject to a Capital Infrastructure Charge if a later Application is made and Approved for a new Regional District Water Connection to the Parcel.
- (5) When a Parcel is added to a Water Service Area, any further Subdivision or addition of Units is subject to Capital Infrastructure Charges at a rate equivalent to the rate for addition of a new Parcel to the Water Service Area, for a period of ten (10) years following the addition of the Parcel to the Water Service Area.

**SERVICE WORK BY THE REGIONAL DISTRICT**

- 9 (1) A Customer is required to sign a Work Order or cost estimate to provide an agreement to do the Work before the Regional District can do any non-emergency Work for a Customer.
- (2) Prior to commencing Work, the Regional District must provide a cost estimate in writing.
- (3) The Designated Officer may require a deposit in the amount of the cost estimate prior to starting the Work.

- (4) Customers will be invoiced for Actual Cost Work as follows:
  - (a) at Labour and Equipment rates provided in this bylaw;
  - (b) at actual Labour rates plus 20% for Administration for all Regional District employees not identified in this Bylaw;
  - (c) at actual contract Labour rates plus 20%;
  - (d) at actual cost plus 20% for all other Equipment and Materials.

#### **VOLUNTARY PRE-AUTHORIZED PAYMENT PLAN**

- 10** (1) The Manager shall establish and maintain a Pre-Authorized Payment Plan.
- (2) Account Holders wishing to participate in the Pre-Authorized Payment Plan, are required to sign an agreement provided by the Manager.
- (3) Participation in the Pre-Authorized Payment Plan program is voluntary. Customers who choose not to participate in the program will be required to pay their water bill in full by the end of the first business day following July 4<sup>th</sup> or 65 days following the date the utility bill is issued by the Regional District, whichever is later.
- (4) Participation in the Pre-Authorized Payment Plan is subject to cancellation at the discretion of the Chief Financial Officer.
- (5) Those who sign up after the end of the first business day following July 4<sup>th</sup>, in any year, will be subject to a 10% penalty on the outstanding Account Balance for that year. The new outstanding Account Balance will then be divided by the number of months remaining from the time the Customer Account information has been added to the PAWS (Pre-Authorized Withdrawals) system, starting no sooner than July 15<sup>th</sup>.
- (6) Customers must sign up by November 30<sup>th</sup> in order for monthly payment plans to start in January of the following year. If customers sign up after November 30<sup>th</sup>, payments may begin in later months.
- (7) For all years where payments begin on January 15<sup>th</sup>, payment amounts will be determined by dividing the previous year's annual water bill by 12.
- (8) Returned payments (NSF) result in a \$25.00 fee, charged to the Customer Account.
- (9) Any outstanding balance on the Customer Account as of December 31<sup>st</sup> of each year due to returned payments (NSF) will be subject to a 10% penalty.
- (10) Customer Accounts may be adjusted at any time due to Regional District Board approved water rate changes or changes in water usage, as required. The outstanding balance will be recalculated and the equal withdrawal payment amounts will be adjusted accordingly for the remainder of the year.
- (11) The Pre-Authorized Payment Plan is not available for Metered based Customer Accounts.

**CITATION**

**11** This Bylaw may be cited as **“Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025.”**

**REPEAL**

**12** **“Regional District of Central Kootenay Utilities Rates, Fees, and Charges Bylaw No. 2951, 2024”**, and amendments thereto, are hereby repealed.

READ A FIRST TIME this 15<sup>th</sup> day of May, 2025.

READ A SECOND TIME this 15<sup>th</sup> day of May, 2025.

READ A THIRD TIME this 15<sup>th</sup> day of May, 2025.

ADOPTED by an affirmative vote of at least 2/3 of the votes cast this 15<sup>th</sup> day of May, 2025.

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Aimee Watson, Board Chair

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Mike Morrison, Corporate Officer

**SCHEDULE A TO BYLAW NO. 3027  
GENERAL RATES, FEES, AND CHARGES**

General Rates and Fees and Charges are as follows:

**1 GENERAL**

No.	Item	Rate	Unit
<b>1</b>	<b>Labour</b>		
1.1	Manager		
a)	Utility Services Manager	\$140	hour
b)	Water Operations Manager	\$128	hour
1.2	Utilities Supervisor		
a)	Operations, Maintenance, Installations & Repairs	\$100	hour
b)	Projects & Administration	\$117	hour
1.3	Water Services Liaison	\$117	hour
1.4	Environmental Services Technologist/Coordinator	\$110	hour
1.5	Utility Tech 2	\$81	hour
1.6	Utility Tech 1 or Maintenance Person	\$71	hour
<b>2</b>	<b>Equipment (excluding operator)</b>		
2.1	Service Truck – Greater of the following:		
a)	Half Daily Rate	\$70	½ day
b)	Kilometer Rate	\$0.80	km
2.2	Vehicle – Greater of the following:		
a)	Half Daily Rate	\$50	½ day
b)	Kilometer Rate	\$0.65	km
2.3	Backhoe	\$60	hour
2.4	Leak Noise Correlator	\$30	hour
<b>3</b>	<b>Temporary Water Usage</b>		
3.1	Damage Deposit for Connection to Standpipe or Hydrant	\$100	lump sum
3.2	Temporary Water Usage (\$100 minimum)	\$5	cubic meter
<b>4</b>	<b>Customer Account Administration &amp; Development Administrative Charges</b>		
4.1	Change of Property Ownerships	No Charge	each
4.2	Water Application from Within an Existing Water Service Area		
a)	Owner Initiated Change in Water Usage	No Charge	each
b)	Staff Initiated Change in Water Usage	\$100	each
c)	For New Connection	\$300	each
4.3	Water Application from Outside of a Water Service Area	\$800	each
4.4	Development or Redevelopment Administrative Cost Recovery Charge		
	Per First 1 to 10 Capital Infrastructure Charges Assessed		
a)	Per Additional 11 or More Capital Infrastructure Charges	\$500	each
b)	Assessed	\$200	each
c)	Latecomer Agreement Application	\$500	each
4.5	Account Deactivation	\$150	each
4.6	Account Activation		
a)	No Ownership Change	\$150	each
b)	On Ownership Change	No Charge	each
<b>5</b>	<b>Customer Connection Maintenance</b>		
5.1	Temporary Turn Off and Turn On (includes both Turn Off and Turn On, if required)		
a)	Pre-scheduled during business hours	\$50	each
b)	Outside regular business hours or not pre-scheduled	\$100	each

No.	Item	Rate	Unit
5.2	Seasonal Rate based Account Turn Off and On		
a)	Pre-scheduled during business hours	No Charge	each
b)	Outside regular business hours or not pre-scheduled	\$100	each
<b>6</b>	<b>Subdivision and Development</b>		
6.1	Capital Infrastructure Charge for creation of a new Serviced Parcel by Subdivision, and Capital Infrastructure Charge for creation of a Serviced Parcel with separate Folio from a group of two or more Parcels with one Folio		
a)	Balfour Water System	\$3,000	each
b)	Burton Water System	\$5,000	each
c)	Duhamel Water System	\$2,000	each
d)	Edgewood Water System	\$4,000	each
e)	Erickson Water System	\$3,000	each
f)	Fauquier Water System	\$5,000	each
g)	Grandview Properties Water System	\$5,000	each
h)	Lister Water System	\$5,000	each
i)	Lucas Road Water System	\$3,000	each
j)	McDonald Creek Water System	\$2,000	each
k)	Riondel Water System	\$2,000	each
l)	Rosebery Highlands Water System	\$5,000	each
m)	Sanca Water System	\$2,000	each
n)	South Slocan Water System	\$5,000	each
o)	West Robson Water System	\$4,000	each
p)	Woodbury Water System	\$4,000	each
q)	Woodlands Heights Water System	\$3,000	each
r)	Ymir Water System	\$2,000	each
6.2	Capital Infrastructure Charge for creation of Serviced Dwelling Units in a Multiple Dwelling Parcel Development after the initial Dwelling Unit, and Capital Infrastructure Charge for creation of Serviced Commercial, Industrial or Institutional Unit after the initial Unit		
a)	Balfour Water System	1,500	each
b)	Burton Water System	2,500	each
c)	Duhamel Water System	1,000	each
d)	Edgewood Water System	2,000	each
e)	Erickson Water System	1,500	each
f)	Fauquier Water System	2,500	each
g)	Grandview Properties Water System	2,500	each
h)	Lister Water System	2,500	each
i)	Lucas Road Water System	1,500	each
j)	McDonald Creek Water System	1,000	each
k)	Riondel Water System	1,000	each
l)	Rosebery Highlands Water System	2,500	each
m)	Sanca Water System	1,000	each
n)	South Slocan Water System	2,500	each
o)	West Robson Water System	2,000	each
p)	Woodbury Water System	2,000	each
q)	Woodlands Heights Water System	1,500	each
r)	Ymir Water System	1,000	each
6.3	Capital Infrastructure Charge for new irrigation privileges on Agricultural Land	\$5,000	per acre
6.4	Water Main Extension and Improvements	Actual Cost	

No.	Item	Rate	Unit
6.5	Water Connection Charges		
a)	Installation		Actual Cost
b)	Capital Infrastructure Charge for existing Parcels within a Water System Service Area not currently paying a Water Tax, Capital Reserve Fund Contribution or Undeveloped Parcel Fee		\$10,000
6.6	Abandonment of Water Connection		Actual Cost
<b>7</b>	<b>Water Service Area Boundary Extension</b>		
7.1	Capital Infrastructure Charge for addition of a new Parcel to a Service Area, and bringing land into a Water Service Area by lot line cancellation or lot boundary adjustment		
a)	Balfour Water System	25,000	each
b)	Burton Water System	25,000	each
c)	Duhamel Water System	18,000	each
d)	Edgewood Water System	25,000	each
e)	Erickson Water System	25,000	each
f)	Fauquier Water System	25,000	each
g)	Grandview Properties Water System	25,000	each
h)	Lister Water System	25,000	each
i)	Lucas Road Water System	25,000	each
j)	McDonald Creek Water System	17,000	each
k)	Riondel Water System	20,000	each
l)	Rosebery Highlands Water System	25,000	each
m)	Sanca Water System	20,000	each
n)	South Slocan Water System	25,000	each
o)	West Robson Water System	25,000	each
p)	Woodbury Water System	25,000	each
q)	Woodlands Heights Water System	25,000	each
r)	Ymir Water System	22,000	each
7.2	Capital Infrastructure Charge for each additional Serviced Dwelling Unit in a Multiple Dwelling Parcel development after the initial Dwelling Unit and Capital Infrastructure Charge for each additional Serviced Commercial, Industrial or Institutional Unit after the initial Unit		
a)	Balfour Water System		
b)	Burton Water System	12,500	each
c)	Duhamel Water System	12,500	each
d)	Edgewood Water System	9,000	each
e)	Erickson Water System	12,500	each
f)	Fauquier Water System	12,500	each
g)	Grandview Properties Water System	12,500	each
h)	Lister Water System	12,500	each
i)	Lucas Road Water System	12,500	each
j)	McDonald Creek Water System	12,500	each
k)	Riondel Water System	8,500	each
l)	Rosebery Highlands Water System	10,000	each
m)	Sanca Water System	12,500	each
n)	South Slocan Water System	10,000	each
o)	West Robson Water System	12,500	each
p)	Woodbury Water System	12,500	each
q)	Woodlands Heights Water System	12,500	each
r)	Ymir Water System	12,500	each
7.3	Capital Infrastructure Charge for irrigation privileges on Agricultural Land	\$25,000	per acre

No.	Item	Rate	Unit
7.5	Water Main Extension and Improvements	Actual Cost	
7.6	Water Connection Installation	Actual Cost	
<b>8</b>	<b>Alternate Meter Read</b>		
8.1	Manual Meter Read – when read during scheduled automated readings	\$50	annual
8.2	Manual Meter Read – unscheduled trip	\$50	each

**SCHEDULE B TO BYLAW NO. 3027  
WATER SYSTEM SPECIFIC RATES, FEES AND CHARGES**

<b>1. ARROW CREEK WATER TREATMENT AND SUPPLY SERVICE AREA</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Town of Creston (Operations and Maintenance)	<del>\$705,306</del> 815,189	annually
2	Erickson Water Distribution Service (Operations and Maintenance)	<del>\$608,113</del> 643,754	annually

<b>2. BALFOUR WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Metered Rate		
a)	Base Charge: 3/4" meter	<del>\$188</del> 199	quarterly
b)	Base Charge: 1" meter	<del>\$233</del> 247	quarterly
c)	Base Charge: 1 1/2" meter	<del>\$292</del> 310	quarterly
d)	Base Charge: 2" meter	<del>\$365</del> 387	quarterly
e)	Metered Consumption: First Block (Up to 100 cubic meters)	<del>\$1.50</del> 1.59	per cubic meter
	Metered Consumption: Second Block (Over 100 cubic meters)		quarterly
f)	Metered Consumption: Approved Non Profit (Per cubic meter)	<del>\$2.24</del> 2.38	per cubic meter
			quarterly
g)		<del>\$1.00</del> 1.06	per cubic meter
			quarterly
2	Unmetered or Failed Meter	<del>\$1047</del> 1,110	annually
3	Capital Reserve Fund Contribution (per dwelling unit - applied to 10 or more dwelling unit sites for new developments starting and after 2020)	<del>\$290</del> 203	annually per dwelling unit site

<b>3. BURTON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Campground (includes washrooms, serviced campsites and standpipe fill stations)	<del>\$3,169</del> 3,486	annually
2	Commercial: Business	<del>\$2,092</del> 2,301	annually
3	Commercial: Food and Beverage Service	<del>\$2,092</del> 2,301	annually
4	Commercial: Orchard	<del>\$2,092</del> 2,301	annually
5	Dwelling: Multi Family		
a)	First Dwelling	<del>\$2,092</del> 2,301	annually
b)	Additional Dwelling	<del>\$1,049</del> 1,154	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$1,049</del> 1,154	annually
6	Dwelling: Single Family	<del>\$2,092</del> 2,301	annually
7	Institutional: Church	<del>\$1,905</del> 2,096	annually
8	Institutional: Community Hall	<del>\$1,905</del> 2,096	annually
9	Institutional: School	<del>\$3,169</del> 3,486	annually
10	Metered Rate		
a)	Base Charge	<del>\$240</del> 231	quarterly
b)	Metered Consumption	<del>\$3.56</del> 3.92	per cubic meter
			quarterly

<b>4. DUHAMEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Short-Term Accommodation Rentals	<del>\$830</del> 872	annually

<b>4. DUHAMEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
2	Dwelling: Multi Family		
a)	First Dwelling	\$ <del>830</del> 872	annually
b)	Additional Dwelling	\$ <del>830</del> 872	annually
c)	Additional Mobile Housing Unit Dwelling	\$ <del>830</del> 872	annually
3	Dwelling: Single Family	\$ <del>830</del> 872	annually
4	Metered Rate		
a)	Base Charge	\$84 88	quarterly
b)	Metered Consumption	\$ <del>1.26</del> 1.32	per cubic meter quarterly

<b>5. EDGEWOOD WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, post office, office, concession & small business)	\$ <del>988</del> 1,018	annually
2	Dwelling: Multi Family		
a)	First Dwelling	\$ <del>1,697</del> 1,748	annually
b)	Additional Dwelling	\$ <del>850</del> 876	annually
c)	Additional Mobile Housing Unit Dwelling	\$ <del>850</del> 876	annually
3	Dwelling: Single Family	\$ <del>1,697</del> 1,748	annually
4	Industrial: Road Maintenance Yard	\$ <del>2,960</del> 3,049	annually
5	Institutional: Church	\$ <del>1,483</del> 1,527	annually
6	Institutional: Community Hall	\$ <del>1,483</del> 1,527	annually
7	Institutional: Health Facility	\$ <del>741</del> 764	annually
8	Institutional: Fire Hall	\$ <del>1,697</del> 1,748	annually
9	Institutional: School	\$ <del>2,463</del> 2,537	annually
10	Recreational (includes park & field Irrigation and Restroom Facilities)	\$ <del>2,463</del> 2,537	annually
11	Metered Rate		
a)	Base Charge	\$ <del>170</del> 175	quarterly
b)	Metered Consumption	\$ <del>2.14</del> 2.21	per cubic meter quarterly

<b>6. ERICKSON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Agricultural: Land Charge (Per acre, excluding first acre)	\$ <del>400</del> 416	annually
2	Agricultural: Greenhouse (for each square foot over 2,000)	\$ <del>0.15</del> 0.153	per square foot annually
3	Commercial: Short-Term Accommodation Rentals		
a)	Base Rate	\$ <del>1,290</del> 1,341	annually
b)	Rate per additional Rental Room	\$ <del>215</del> 224	annually
4	Commercial: Business (Includes store, bank, post office, office & small business)	\$ <del>1,328</del> 1,381	annually
5	Commercial: Campground		
a)	Base Rate (for Retail/Business /Dwelling)	\$ <del>1,328</del> 1,381	annually
b)	Per Camp Site	\$ <del>95</del> 99	annually
6	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	\$ <del>1,328</del> 1,381	annually
7	Commercial: Food & Beverage Process & Storage	\$ <del>6,533</del> 6,795	annually

<b>6. ERICKSON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
8	Commercial: Hotel/Motel		
a)	Base Rate	\$0	annually
b)	Per Room Rate	\$698 725	annually
c)	Restaurant	\$1,328-1,381	annually
d)	Lounge	\$1,328-1,381	annually
e)	Swimming Pool	\$677 704	annually
9	Commercial: Manufactured Home Park (Conforming to <i>Manufactured Home Park Bylaw</i> No. 1082, 1995 with all Dwellings under one Account)		
a)	Base Rate	\$1,328-1,381	annually
b)	Per Dwelling	\$887 923	annually
10	Dwelling: Multi Family		
a)	First Dwelling	\$1,290-1,341	annually
b)	Additional Dwelling	\$1,290-1,341	annually
c)	Secondary Suite	\$887 923	annually
d)	Additional Mobile Housing Unit Dwelling	\$1,290-1,341	annually
e)	Swimming Pool (greater than 5,000 Litres)	\$316 329	annually
11	Dwelling: Single Family		
a)	Dwelling	\$1,290-1,341	annually
b)	Swimming Pool (greater than 5,000 Litres)	\$316 329	annually
12	Industrial: Small Business (Includes office and yard)	\$1,328 1,381	annually
13	Industrial: Saw Mill	\$8,139 8,465	annually
14	Institutional: Church	\$1,222 1,271	annually
15	Institutional: Community Hall	\$1,222 1,271	annually
16	Institutional: School (per classroom)	\$1,138 1,184	annually
17	Water Usage with No Development	\$400 416	annually
18	Metered Rate		
a)	Base Charge	\$129.39 134.56	quarterly
b)	Metered Consumption	\$1.00 1.04	per cubic meter quarterly
19	Capital Reserve Fund Contribution		
a)	Per Parcel of Land	\$433 458	annually
b)	Per Manufactured Home Park Dwelling	\$433 458	annually

<b>7. FAUQUIER WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store & laundromat)	\$3,353 3,688	annually
2	Commercial: Concession Stand	\$1,787 1,965	annually
3	Commercial: Food & Beverage Services	\$4,034 4,437	annually
4	Commercial: Golf Course (Includes club house, irrigation and campsites)	\$6,931 7,624	annually
5	Commercial: Hotel/Motel	\$2,464 2,710	annually
6	Dwelling: Multi Family		
a)	First Dwelling	\$1,787 1,965	annually
b)	Additional Dwelling	\$895 984	annually
c)	Additional Mobile Housing Unit Dwelling	\$895 984	annually
7	Dwelling: Single Family	\$1,786 1,965	annually
8	Institutional: Church	\$1,570 1,965	annually
9	Institutional: Community Hall	\$1,570 1,965	annually
10	Institutional: Public Restrooms (Transportation)	\$1,267 1,394	annually
11	Institutional: Utility Restrooms	\$1,267 1,394	annually

<b>7. FAUQUIER WATER SYSTEM</b>			
No.	Item	Rate	Unit
12	Recreational (Includes Park & Field Irrigation and Restroom Facilities)	<del>\$2,052</del> 2,257	annually
13	Metered Rate		
a)	Base Charge	<del>\$178</del> 196	quarterly
b)	Metered Consumption	<del>\$1.35</del> 1.48	per cubic meter quarterly

<b>8. GRANDVIEW PROPERTIES WATER SYSTEM</b>			
No.	Item	Rate	Unit
1	Metered Rate		
a)	Base Charge	<del>\$221</del> 245	quarterly
b)	Metered Consumption: First Block (Up to 50 cubic meters)	<del>\$1.54</del> 1.71	per cubic meter quarterly
c)	Metered Consumption: Second Block (Over 50 cubic meters)	<del>\$3.85</del> 4.27	per cubic meter quarterly
2	Undeveloped Parcel	<del>\$883</del> 981	annually
3	Unmetered or Failed Meter	<del>\$1,597</del> 1,772	annually

<b>9. LISTER WATER SYSTEM</b>			
No.	Item	Rate	Unit
1	Commercial: Business (Includes store, bank, post office, office & small business)	<del>\$1,218</del> 1,461	annually
2	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	<del>\$1,218</del> 1,461	annually
3	Commercial: Food Processing	<del>\$1,218</del> 1,461	annually
4	Commercial: Golf Course (Does not include irrigation)	<del>\$5,328</del> 6,394	annually
5	Dwelling: Multi Family		
a)	First Dwelling	<del>\$771</del> 925	annually
b)	Additional Dwelling	<del>\$771</del> 925	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$771</del> 925	annually
d)	Swimming Pool (greater than 5,000 Liters)	<del>\$527</del> 632	annually
6	Dwelling: Single Family		
a)	Dwelling	<del>\$771</del> 925	annually
b)	Swimming Pool (greater than 5,000 Liters)	<del>\$527</del> 632	annually
7	Institutional: Fire Hall	<del>\$771</del> 925	annually
8	Institutional: Community Hall/Park	<del>\$771</del> 925	annually
9	Metered Rate		
a)	Base Charge	<del>\$77.45</del> 92.94	quarterly
b)	Metered Consumption	<del>\$0.69</del> 0.83	per cubic meter quarterly
10	Capital Reserve Fund Contribution	<del>\$659</del> 791	annually

<b>10. LUCAS ROAD WATER SYSTEM</b>			
No.	Item	Rate	Unit
1	Metered Rate		
a)	Base Charge	<del>\$292.24</del>	Quarterly
b)	Metered Consumption	302.47	per cubic meter quarterly
		<del>\$2.21</del> 2.32	

**11. MCDONALD CREEK WATER SYSTEM**

- (1) Rates and fees for the McDonald Creek Water System are in accordance with the agreement between the Regional District and the Village of Kaslo.

- (2) McDonald Creek Customer Account Administration and Water Connection Maintenance is subject to Village of Kaslo fees and charges.

<b>12. RIONDEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, post office, office & small business)	<del>\$915-942</del>	annually
2	Commercial: Recreational Rentals Seasonal (per unit)	<del>\$568 585</del>	annually
3	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	<del>\$1,590-1,637</del>	annually
4	Commercial: Golf Course (includes irrigation)	<del>\$17,005</del> 17,515	annually
5	Commercial: Campground (includes washrooms, serviced campsites and standpipe fill stations)	<del>\$4,544-4,680</del>	annually
6	Dwelling: Multi Family		
a)	First Dwelling	<del>\$915-942</del>	annually
b)	Additional Dwelling	<del>\$915 942</del>	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$915 942</del>	annually
7	Dwelling: Single Family	<del>\$915 942</del>	annually
8	Institutional: Ambulance Station	<del>\$1,357-1,398</del>	annually
9	Institutional: Church	<del>\$915 942</del>	annually
10	Institutional: Church Seasonal	<del>\$568 585</del>	annually
11	Institutional: Regional District Community Building	\$0	annually
12	Institutional: Regional District Community Center	\$0	annually
13	Institutional: Regional District Recreational Center	\$0	annually
14	Institutional : Regional District Fire Hall	\$0	annually
15	Recreational: Regional District Recreational Center	\$0	annually
16	Metered Rate		
a)	Base Charge	<del>\$90.89-106.34</del>	quarterly
b)	Metered Consumption	<del>\$1.39-1.43</del>	per cubic meter quarterly

<b>13. ROSEBERY HIGHLANDS WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling : Multi Family		
a)	First Dwelling	<del>\$1,648 1,730</del>	annually
b)	Additional Dwelling	<del>\$1,648-1,730</del>	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$1,648 1,730</del>	annually
2	Dwelling: Single Family	<del>\$1,648 1,730</del>	annually
3	Undeveloped Parcel	<del>\$993 1,013</del>	annually
4	Metered Rate		
a)	Base Charge	<del>\$289-303</del>	quarterly
b)	Metered Consumption	<del>\$3.21 3.37</del>	per cubic meter quarterly

<b>14. SANCA WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Multi Family		
a)	First Dwelling	<del>\$805 821</del>	annually
b)	Additional Dwelling	<del>\$805-821</del>	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$805 821</del>	annually

2	Dwelling: Single Family	<del>\$805-821</del>	annually
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### 15. SOUTH SLOCAN WATER SYSTEM

No.	Item	Rate	Unit
1	Commercial: Business (Includes store, bank, office & small business)	<del>\$2,263</del> 2,376	annually
2	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	<del>\$5,815</del> 6,106	annually
3	Dwelling: Multi Family		
a)	First Dwelling	<del>\$2,263</del>	annually
b)	Additional Dwelling	2,376	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$2,263</del>	annually
d)	Secondary Suite	2,376	annually
		<del>\$2,263</del> 2,376	
		<del>\$1,583</del> 2,376	
4	Dwelling: Single Family	<del>\$2,263</del> 2,376	annually
5	Industrial: Small Business (Includes office, shop and yard)	<del>\$2,263</del> 2,376	annually
6	Institutional: Regional District Community Building	<del>\$2,263</del> 2,376	annually
7	Metered Rate		
a)	Base Charge	<del>\$227</del> 238	quarterly
b)	Metered Consumption	<del>\$2.60</del> 2.73	per cubic meter quarterly

### 16. WEST ROBSON WATER SYSTEM

No.	Item	Rate	Unit
1	Commercial: Manufactured Home Park (Conforming to <i>Manufactured Home Park Bylaw</i> No. 1082, 1995 with all Dwellings under one Account)		
a)	Per Dwelling	<del>\$707</del> 777	annually
b)	Capital Reserve Fund Contribution per Dwelling	<del>\$133</del> 146	annually
2	Dwelling: Multi Family		
a)	First Dwelling	<del>\$944</del>	annually
b)	Additional Dwelling	1,038	annually
c)	Additional Mobile Housing Unit Dwelling	<del>\$471</del> 518	annually
		<del>\$471</del> 518	
3	Dwelling: Single Family	<del>\$944</del> 1,038	annually
4	Metered Rate		
a)	Base Charge	<del>\$95</del> 104	quarterly
b)	Metered Consumption	<del>\$1.62</del> 1.79	per cubic meter quarterly

<b>17. WOODBURY WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Multi Family		
a)	First Dwelling	\$ <del>1,029</del>	annually
b)	Additional Dwelling	1,070	annually
c)	Additional Mobile Housing Unit Dwelling	\$ <del>540 562</del>	annually
d)	Secondary Suite	\$ <del>540 562</del>	annually
2	Dwelling: Single Family	\$ <del>1,029</del> 1,070	annually
3	Undeveloped Parcel	\$ <del>392 408</del>	annually
4	Metered Rate		
a)	Base Charge	\$ <del>146 152</del>	quarterly
b)	Metered Consumption	\$ <del>4.20 4.36</del>	per cubic meter quarterly

<b>18. WOODLAND HEIGHTS WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Single Family	\$ <del>1,614</del> 1,646	annually
2	Dwelling: Multi Family		
a)	First Dwelling	\$ <del>1,614</del>	annually
b)	Additional Dwelling	1,646	annually
c)	Secondary Suite	\$ <del>1,614</del> 1,646	annually
		\$ <del>968 988</del>	
3	Metered Rate		
a)	Base Charge	\$ <del>160 164</del>	quarterly
b)	Metered Consumption	\$ <del>2.21 2.26</del>	per cubic meter quarterly

<b>19. YMIR WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Short-Term Accommodation Rentals		
a)	Base Rate (Including Dwelling)	\$ <del>686 706</del>	annually
b)	Rate per Rental Room	\$ <del>104 108</del>	annually
2	Commercial: Business (Includes store, bank, post office, office, food stand, food counter, bakery, coffee service & small business)	\$ <del>686 706</del>	annually
3	Commercial: Food & Beverage Services (Including restaurant, lounge, & beverage room)	\$ <del>1,030</del> 1,061	annually
4	Commercial - Hotel/Motel		
a)	Base Rate	\$ <del>3,286</del>	annually
b)	Per Room Rate	3,385	annually
c)	Restaurant	\$ <del>104 108</del>	annually
d)	Lounge/Beverage Room	\$ <del>743 766</del>	annually
e)	Laundry	\$ <del>534 550</del>	annually
f)	Coffee shop	\$ <del>3,286</del> 3,385	annually
		\$ <del>743 766</del>	
5	Dwelling: Multi Family		
a)	First Dwelling	\$ <del>686 706</del>	annually
b)	Additional Dwelling	\$ <del>686 706</del>	annually
c)	Additional Mobile Housing Unit Dwelling	\$ <del>686 706</del>	annually
6	Dwelling: Single Family	\$ <del>686 706</del>	annually

<b>19. YMIR WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
7	Institutional: Community Association	\$0	annually
8	Institutional: Arts & Museum Society	\$0	annually
9	Institutional: Fire Hall	\$0	annually
10	Metered Rate		
a)	Base Charge	\$ <del>68</del> 70	quarterly
b)	Metered Consumption	\$ <del>2.79</del> 2.88	per cubic meter quarterly

## Bylaw No. 3027

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A Bylaw to regulate utility rates, fees, and charges for the Regional District of Central Kootenay owned utilities.

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WHEREAS the Regional District of Central Kootenay wishes to regulate utility rates, fees, and charges for the Regional District of Central Kootenay owned utilities.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

### APPLICATION

- 1 (1) This Bylaw is applicable to all Water Service Areas of the Regional District of Central Kootenay.
- (2) When a Regional District water system is supplied with water from an adjacent local government, the bylaws of that local government and agreement conditions may apply.
- (3) Schedule A Labour rates apply to all Water Systems.

### DEFINITIONS

- 2 In this bylaw:

**Account** means a formal arrangement under this Bylaw for the provision of water services to a Property.

**Account Activation** means physically turning on the water and re-establishing or adjusting an Account as required.

**Account Deactivation** means physically turning off the water to an Owner's Property, removal of any part of the Regional District Water Connection as required by the Manager, adjusting the Owner's Account accordingly and suspending the account.

**Account Holder** means the person, organization, agent or representative that holds the water Account with the Regional District of Central Kootenay.

**Account Type** means the predominate usage of the Account such as but not limited to: Single Family Dwelling, Multiple Dwelling Property, Commercial, Industrial, Institutional, Agricultural, and Recreational.

**Agricultural Land** means land where agricultural irrigation privileges have been assigned by the Manager.

**Auxiliary Building or Dependent Suite** means a secondary or supplementary building or Unit that does not include all of cooking, eating, living, sleeping and sanitary facilities. An Auxiliary Building or Dependent Suite intended for habitation would be reliant on the main Dwelling.

**Board** means the Regional District of Central Kootenay Board of Directors.

**Capital Infrastructure Charge** means a fee levied during Development that is placed into reserves as a contribution to the cost of existing water infrastructure, upgrades and long term asset renewal.

**Capital Reserve Fund Contribution** means a fee levied that is placed into reserves as a contribution to the cost of water infrastructure upgrades and long term asset renewal.

**Carwash** means a building or structure containing facilities for washing motor vehicles, including tunnel car washes, coin operated automatic car washes and coin operated self-service car washes.

**Commercial** means any Unit for which the use is the provision for the selling of goods and services, for the servicing and repair of goods or for commercial office functions, including but not limited to retail sales, wholesaling incidental to retail sales, commercial education and entertainment services, household services and all associated repairs, other personal and non-personal services and administrative, commercial and professional offices.

**Commercial Carwash** means a Carwash used or operated by a Commercial or Industrial business.

**Customer** means the Owner or occupant of any Property to which water is supplied or made available from the Regional District.

**Development** means the construction, alteration, or extension of buildings, structures, utilities or any use that requires the issuance of a building permit, plumbing permit, or Interior Health construction permit issued in accordance with the *Drinking Water Protection Act*.

**Dwelling** means any living quarters used or has the potential to be used by one or more persons which contains cooking, eating, living, sleeping and sanitary facilities.

**Flat Use Water Rates** means water use rates that are independent of the water quantity used.

**Folio** means a land identification number assigned by British Columbia Assessment and is used for Property tax purposes. Folio is synonymous with Assessment Roll Number. A Folio in this Bylaw may describe one or more Parcels grouped under one British Columbia Assessment Folio.

**Guest Room** means a room or structure with sleeping facilities provided for guests.

**Industrial** means businesses such as but not limited to airports, aggregate processing, asphalt plants, bulk fuel storage, concrete plants, fabrication plants, manufacturing, processing, sawmills, and truck terminals.

**Institutional** means activities focusing on non-profit services in the public's interest. For example, schools, hospitals, group foster homes, and buildings used for religious worship.

**Irrigation** means the distribution of water to the surface or subsurface of lawns, gardens, orchards greenhouses by pipes, hoses, sprinklers or any other method.

**Manager** in this Bylaw, unless the context otherwise requires, means the Regional District of Central Kootenay General Manager of Environmental Services, the Water Operations Manager, Utility Services Manager or designate.

**Manufactured Home** means any structure, whether ordinarily equipped with wheels or not, that is designed, constructed or manufactured to be moved from one place to another by being towed or carried, and that is used as a Dwelling.

**Manufactured Home Park** means property for which Manufactured Homes or other Dwellings sites are offered for lease or rent.

**Meter** means meters and other equipment or instruments used by the Regional District or authorized by the Regional District to be used to calculate the amount of water consumed.

**Metered Base Charge** is a fixed fee charged for water associated with metered based accounts that represent fixed water service costs and not variable costs related to the volume of water treated and distributed.

**Metered Rate Based Accounts** are Accounts that include a water billing rate based on volumetric metered consumption.

**Metered Rate Volumetric Charge** is a charge that varies with the volume of water delivered to the property.

**Mobile Housing Unit** is any type of living accommodation that has been produced to be transported or is a mobile unit such as a ship, boat, recreational vehicle, Manufactured Home and so on, and occupied as living quarters.

**Multiple Dwelling Property** means any Property containing more than one Dwelling Units on one Folio.

**Owner** has the same meaning as in the *British Columbia Land Title Act* and *Manufactured Home Act*.

**Owner Water Connection** means the Owner's water lines and appurtenances downstream of the Regional District Water Connection.

**Parcel** means the unit lot, block or other area in which land is registered under the *British Columbia Land Title Act*.

**Property** means land and improvements.

**Property Line** means a line which defines, in the British Columbia Land Title Office, the perimeter of a Parcel.

**Recreational** is land primarily used for public recreation and includes but is not limited to parks, sports fields, playgrounds, green areas, beaches and public camping sites.

**Regional District of Central Kootenay or Regional District or District** means the Regional District of Central Kootenay, as described under the British Columbia Local Government Act with offices located at 202 Lakeside Drive, Nelson, BC V1L 5R4 Phone: 250-352-6665 or toll-free number 1-800-268-7325 and Fax: 250-352-9300.

**Regional District Water Connection** means the water line extending from the Water Main to the Curb Stop Valve, generally near the Property Line and shall include any immediate downstream Meter installation, or Backflow Preventer.

**Reserve Account** means a financial account maintained by the Regional District to fund Water System infrastructure improvements, renewal, replacements, major repairs, study, assessments, plans and project management.

**Seasonal Service** means a service that is turned on for 8 months or less. The Seasonal Service rate only applies if identified in the Fees and Charges Bylaw.

**Secondary Suite** means an additional Dwelling attached to the principle Dwelling that is used or has the potential to be used as a living quarters by one or more persons. A Secondary Suite contains cooking, eating, living, sleeping and sanitary facilities.

**Short-Term Accommodation Rental** means a Dwelling, Secondary Suite, or Guest Room wherein accommodation is offered for rent to the public on a temporary basis of 31 days or less.

**Single Family Dwelling** means building or structure that contains only one Dwelling.

**Subdivision** means a subdivision as defined in the *British Columbia Land Title Act*, and a subdivision under the *British Columbia Strata Property Act*.

**Subdivision Bylaw** means the Subdivision Bylaw No. 2159 as it may be amended or replaced from time to time.

**Surveyor of Taxes** is responsible for collection of taxes for British Columbia rural areas.

**Swimming Pool** is any permanent or semi-permanent artificial pool for swimming in.

**Title (Land Title)** refers to the registration of land ownership in accordance with the *British Columbia Land Titles Act*.

**Turn On/Off** means a temporary interruption in or discontinuance of the supply of water authorized by the Regional District.

**Undeveloped Parcel** is a Parcel of land within a Regional District Water System where the water has not yet been turned on and where water has been made available.

**Unit** means any Dwelling, Commercial, Industrial, or Institutional space.

**Water Conservation Measures** any measures implemented by the Manager to restrict water usage.

**Water Main** means any water pipe under the control of the District which is intended for public use.

**Water Main Extension** is the extension or construction of a new water main to provide servicing to a new Water Connection(s).

**Water Meter** see Meter.

**Water Service Area** means the area defined by the Water System service area establishment bylaw.

**Water Service Area Extension** is the extension of the Water Service Area boundary by bylaw to include one or more additional parcels of land.

**Water System** means all Regional District owned assets like Water Mains, water treatment facilities, pump stations, reservoirs, wells, water intakes and all associated appurtenances.

**Water Tax** is a tax levied that contributes to the funding for a Water System.

**Work** means construction, maintenance, inspection or testing services provided for an Owner.

**Work Order** is a written order on an Approved form providing agreement by a Owner to proceed with Work identified on the form for which the Owner will be responsible for costs incurred by the Regional District in accordance with this Bylaw.

## SEVERABILITY

- 3 If any portion of this Bylaw is for any reason held to be invalid by the decision of any court of competent jurisdiction, that portion may be severed from the Bylaw and such decision shall not affect the validity of the remaining portions of the Bylaw.

## ADMINISTRATION

- 4 (1) The Manager is hereby authorized and directed to have general supervision over the Regional District of Central Kootenay Water Systems and to see that the provisions of this Bylaw are carried out.
- (2) The Manager shall have the power to appoint Designated Officers for the purpose of effectually carrying out the provisions of this Bylaw, and wherever the Manager is authorized or directed to perform any act or duty under this Bylaw, such act or duty may be performed by any Designated Officer authorized by the Manager to perform such act or duty.

## RATES AND ACCOUNT BILLING GENERAL

- 5
- (1) The Manager shall classify Accounts into Account Types and apply service charge rates as set out in this Bylaw.
  - (2) Accounts may include a mix of service charge fees.
  - (3) The Account Holder must pay all fees and charges for water supplied to the Account Holder's Property, as set out in this Bylaw.
  - (4) The Regional District's annual billing cycle will be from January 1st to December 31st.
  - (5) When a property changes ownership, the new Owner is responsible to apply for a New Account and the old Owner is responsible to close their Account. If an Application is not made, the Account Holder will be changed when British Columbia Assessment provides the new Property Owner information to the Regional District.
  - (6) Payments will be deemed to have been received on:
    - (a) the date payment is received in person at locations identified on Regional District utility bills;
    - (b) the date stamped by Canada Post on mailed payments; or
    - (c) the confirmed date the funds were transferred from the Customer's Account to the Regional District when payment was made through an approved financial institution.
  - (7) Any outstanding Account balances or Work invoices of more than 65 days on December 31st shall be deemed to be taxes in arrears in respect to the Property and the outstanding balance will be sent to the Surveyor of Taxes in accordance with Section 363.2(2) of the *Local Government Act*.
  - (8) Seasonal Service and Golf Course rates shall include one (1) annual Turn On and Turn Off.
  - (9) Seasonal Service, Public Campgrounds, Golf Course and Irrigation rates shall apply for the entire billing cycle regardless of whether or not the water has been Turned Off for a portion of the billing cycle.
  - (10) If an Auxiliary Building is used as the only Dwelling on a Property it is considered a Single Family Dwelling.
  - (11) Auxiliary Buildings and Dependent Suites are not subject to Dwelling Unit charges unless specifically identified in this Bylaw.
  - (12) If the Dwelling is occupied for more than 30 days of the calendar year, it is subject to assessment under this Bylaw.
  - (13) Mobile Housing Units set up for long-term occupancy greater than 90 days per calendar year or used as the only Dwelling, or Mobile Housing Units used for Commercial purposes shall be subject to service charges.

- (14) Agricultural Land Charge shall be assessed in increments of 0.1 acres, rounded down.
- (15) The Agricultural Land Charge assessed shall exclude the first acre when the property is also assessed other charge(s) that includes up to 1 acre of irrigation privileges.
- (16) If an Owner requests a reduction in the amount of Agricultural Land Charge assessed area the following shall apply:
  - (a) an assessment of the suitability of the lands for agricultural production shall be completed by Qualified Person and paid for by the Owner;
  - (b) only those lands identified by the Qualified Person as not suitable for agricultural production might be considered by the Manager for removal from assessment of the Agricultural Land Charge; and
  - (c) if a reduction in the Agricultural Land Charge is approved by the Manager, the Owner shall be responsible for the installation costs of a Water Meter and related appurtenances, and the Account may be switched to a Metered Rate Based Account.
- (17) Where an error is found to have been made in the amount invoiced or billed to an Account, the amount either under-billed or over-billed shall be debited from or credited to Account and shown on the next invoice subject to the following:
  - (a) The adjustment period is limited to the time that the current Owner is on Title;
  - (b) The adjustment period(s) for under-billing are to a maximum of 1 year where the error can reasonably be said to have been the fault of the Regional District;
  - (c) Where an under-billing is found to have been made in the amount invoiced or billed to an Account as a result of unauthorized use of a water service, or can reasonably be said to be a result of fraud, theft, tampering with a Meter or other equipment, or any other similar act, the following may be charged to the Customer Account:
    - (i) the amount of the under-billing, up to 5 years,
    - (ii) any direct administrative costs incurred by the Regional District in investigating the circumstances, and
    - (iii) interest and penalties at the rate normally charged on unpaid Accounts receivable by the Regional District;
  - (d) The adjustment period(s) for over-billing are to a maximum of 5 years or when the current Owner came on title for the property, whichever is less;
  - (e) Where the exact amount of under-billing or over-billing cannot be determined, the Regional District may make a reasonable and fair estimate of the amount, using its own records or those of the Customer, and in keeping with amounts billed to other Customers in similar premises, being used in a similar manner, over the same time period; and
  - (f) Where an amount has been under-billed, and where the error can reasonably be said to have been the fault of the Regional District, the Regional District may offer the Customer reasonable terms of repayment, and may be interest and penalty free.
- (18) A separate Account will only be created for a Manufactured Home in a Manufactured Home Park if the Manufactured Home is registered with the British Columbia Manufactured Home Registry and a Folio has been assigned.

- (19) Any charges or Work invoices with payment outstanding of more than 65 days by the owner of an unregistered Manufactured Home in Manufactured Home Park may be transferred to the Manufactured Home Park owner's Account.

#### **FLAT USE WATER RATES AND ACCOUNT BILLING**

- 6 (1) Flat Use Water Rates may be prorated to the 15<sup>th</sup> or the end of each month for changes to Flat Use Water Rate Based Accounts.
- (2) Changes to Flat Use Water Rate Based Accounts based on Customer Application, resulting in a reduction in water billing shall be prorated to the date of Application, unless an error in billing provided for in 5 (17).
- (3) When a specific Flat Use Water Rate has not been identified by this bylaw and a usage rate is required, an equivalent rate may be applied by the Manager and the equivalent rate chosen shall consider fair consumption and operational cost equivalency.
- (4) For Flat Use Water Rate Based Accounts, a penalty of 10% will be imposed on any outstanding Account balances as of the end of the first business day following July 4<sup>th</sup> or 65 days following the date the utility bill is issued by the Regional District, whichever is later.
- (5) Clause 6(4) does not apply to Account Holders enrolled in the Voluntary Pre-Authorized Payment Plan.
- (6) The Capital Reserve Fund Contribution shall apply to all land Folios in a Service Area for which a rate is identified for the Service Area.
- (7) The Capital Reserve Fund Contribution shall apply to all specific types of improvements in a Service Area for which a specific Capital Reserve Fund Contribution is identified for the Service Area.

#### **METERED RATE BASED ACCOUNT BILLING**

- 7 (1) For Metered Rate Based Accounts, the Account Holder is responsible to request a Meter reading when ownership changes.
- (2) For Metered Rate Based Accounts, Meters shall be read as near as reasonably possible to the date of any ownership change. Water usage shall be estimated for any difference in time between meter reading and date of ownership change.
- (3) Metered Base Charge fees may be prorated to the 15<sup>th</sup> or the end of each month for changes to Metered Rate Based Accounts, and Meter Base Charge will not be assessed if an Owner Water Connection is Deactivated.
- (4) A Water Meter reading may be estimated for billing by the Manager based on either previous consumption patterns or a daily average consumption for the Customer Service Connection, or an Unmetered Building Construction rate might be used for billing if:
  - (a) the Regional District is unable to obtain a Water Meter reading;

- (b) a Water Meter fails to properly register the amount of water consumed.
- (5) If a Customer experiences abnormal water consumption, the Manager may adjust the Account Holder's bill taking into consideration any or all of the following factors:
  - (a) the cause or nature of the abnormal water consumption;
  - (b) any evidence of action taken by the Customer to abate the abnormal consumption;
  - (c) Flat Use Water Rates established for the water service; and
  - (d) any other factors that might be relevant.
- (6) The Manager shall establish a Meter reading and billing schedule for Metered Rate Based Accounts.
- (7) For Metered Rate Based Accounts a penalty of 10% will be imposed as of the end of the first business day, following 65 days from the date the utility bill is issued by the Regional District on any outstanding Account balances.

### **SUBDIVISION AND DEVELOPMENT**

- 8 (1) The Regional District may waive or modify the Capital Infrastructure Charge requirements identified in this Bylaw for large Developments, if addressed by separate agreement with the Developer and the Regional District, in accordance with Section 937.1 of the *Local Government Act*.
- (2) Capital Infrastructure Charges collected shall be deposited to the Water Service's Reserve Account.
- (3) Capital Infrastructure Charges shall not be assessed for temporary Mobile Housing Units but shall be assessed for Commercial Mobile Housing Unit parking sites.
- (4) If a Parcel, subdivided after December 31, 2015, was not subject to some form of Regional District Capital Infrastructure Charge and a Regional District Water Connection was not provided, the Parcel is subject to a Capital Infrastructure Charge if a later Application is made and Approved for a new Regional District Water Connection to the Parcel.
- (5) When a Parcel is added to a Water Service Area, any further Subdivision or addition of Units is subject to Capital Infrastructure Charges at a rate equivalent to the rate for addition of a new Parcel to the Water Service Area, for a period of ten (10) years following the addition of the Parcel to the Water Service Area.

### **SERVICE WORK BY THE REGIONAL DISTRICT**

- 9 (1) A Customer is required to sign a Work Order or cost estimate to provide an agreement to do the Work before the Regional District can do any non-emergency Work for a Customer.
- (2) Prior to commencing Work, the Regional District must provide a cost estimate in writing.
- (3) The Designated Officer may require a deposit in the amount of the cost estimate prior to starting the Work.

- (4) Customers will be invoiced for Actual Cost Work as follows:
  - (a) at Labour and Equipment rates provided in this bylaw;
  - (b) at actual Labour rates plus 20% for Administration for all Regional District employees not identified in this Bylaw;
  - (c) at actual contract Labour rates plus 20%;
  - (d) at actual cost plus 20% for all other Equipment and Materials.

#### **VOLUNTARY PRE-AUTHORIZED PAYMENT PLAN**

- 10** (1) The Manager shall establish and maintain a Pre-Authorized Payment Plan.
- (2) Account Holders wishing to participate in the Pre-Authorized Payment Plan, are required to sign an agreement provided by the Manager.
- (3) Participation in the Pre-Authorized Payment Plan program is voluntary. Customers who choose not to participate in the program will be required to pay their water bill in full by the end of the first business day following July 4<sup>th</sup> or 65 days following the date the utility bill is issued by the Regional District, whichever is later.
- (4) Participation in the Pre-Authorized Payment Plan is subject to cancellation at the discretion of the Chief Financial Officer.
- (5) Those who sign up after the end of the first business day following July 4<sup>th</sup>, in any year, will be subject to a 10% penalty on the outstanding Account Balance for that year. The new outstanding Account Balance will then be divided by the number of months remaining from the time the Customer Account information has been added to the PAWS (Pre-Authorized Withdrawals) system, starting no sooner than July 15<sup>th</sup>.
- (6) Customers must sign up by November 30<sup>th</sup> in order for monthly payment plans to start in January of the following year. If customers sign up after November 30<sup>th</sup>, payments may begin in later months.
- (7) For all years where payments begin on January 15<sup>th</sup>, payment amounts will be determined by dividing the previous year's annual water bill by 12.
- (8) Returned payments (NSF) result in a \$25.00 fee, charged to the Customer Account.
- (9) Any outstanding balance on the Customer Account as of December 31<sup>st</sup> of each year due to returned payments (NSF) will be subject to a 10% penalty.
- (10) Customer Accounts may be adjusted at any time due to Regional District Board approved water rate changes or changes in water usage, as required. The outstanding balance will be recalculated and the equal withdrawal payment amounts will be adjusted accordingly for the remainder of the year.
- (11) The Pre-Authorized Payment Plan is not available for Metered based Customer Accounts.

**CITATION**

**11** This Bylaw may be cited as **“Regional District of Central Kootenay Utilities Rates, Fees and Charges Bylaw No. 3027, 2025.”**

**REPEAL**

**12** **“Regional District of Central Kootenay Utilities Rates, Fees, and Charges Bylaw No. 2951, 2024”**, and amendments thereto, are hereby repealed.

READ A FIRST TIME this 15<sup>th</sup> day of May, 2025.

READ A SECOND TIME this 15<sup>th</sup> day of May, 2025.

READ A THIRD TIME this 15<sup>th</sup> day of May, 2025.

ADOPTED by an affirmative vote of at least 2/3 of the votes cast this 15<sup>th</sup> day of May, 2025.

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Aimee Watson, Board Chair

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Mike Morrison, Corporate Officer

**SCHEDULE A TO BYLAW NO. 3027  
GENERAL RATES, FEES, AND CHARGES**

General Rates and Fees and Charges are as follows:

**1 GENERAL**

No.	Item	Rate	Unit
<b>1</b>	<b>Labour</b>		
1.1	Manager		
a)	Utility Services Manager	\$140	hour
b)	Water Operations Manager	\$128	hour
1.2	Utilities Supervisor		
a)	Operations, Maintenance, Installations & Repairs	\$100	hour
b)	Projects & Administration	\$117	hour
1.3	Water Services Liaison	\$117	hour
1.4	Environmental Services Technologist/Coordinator	\$110	hour
1.5	Utility Tech 2	\$81	hour
1.6	Utility Tech 1 or Maintenance Person	\$71	hour
<b>2</b>	<b>Equipment (excluding operator)</b>		
2.1	Service Truck – Greater of the following:		
a)	Half Daily Rate	\$70	½ day
b)	Kilometer Rate	\$0.80	km
2.2	Vehicle – Greater of the following:		
a)	Half Daily Rate	\$50	½ day
b)	Kilometer Rate	\$0.65	km
2.3	Backhoe	\$60	hour
2.4	Leak Noise Correlator	\$30	hour
<b>3</b>	<b>Temporary Water Usage</b>		
3.1	Damage Deposit for Connection to Standpipe or Hydrant	\$100	lump sum
3.2	Temporary Water Usage (\$100 minimum)	\$5	cubic meter
<b>4</b>	<b>Customer Account Administration &amp; Development Administrative Charges</b>		
4.1	Change of Property Ownerships	No Charge	each
4.2	Water Application from Within an Existing Water Service Area		
a)	Owner Initiated Change in Water Usage	No Charge	each
b)	Staff Initiated Change in Water Usage	\$100	each
c)	For New Connection	\$300	each
4.3	Water Application from Outside of a Water Service Area	\$800	each
4.4	Development or Redevelopment Administrative Cost Recovery Charge		
	Per First 1 to 10 Capital Infrastructure Charges Assessed		
a)	Per Additional 11 or More Capital Infrastructure Charges	\$500	each
b)	Assessed	\$200	each
c)	Latecomer Agreement Application	\$500	each
4.5	Account Deactivation	\$150	each
4.6	Account Activation		
a)	No Ownership Change	\$150	each
b)	On Ownership Change	No Charge	each
<b>5</b>	<b>Customer Connection Maintenance</b>		
5.1	Temporary Turn Off and Turn On (includes both Turn Off and Turn On, if required)		
a)	Pre-scheduled during business hours	\$50	each
b)	Outside regular business hours or not pre-scheduled	\$100	each

No.	Item	Rate	Unit
5.2	Seasonal Rate based Account Turn Off and On		
a)	Pre-scheduled during business hours	No Charge	each
b)	Outside regular business hours or not pre-scheduled	\$100	each
<b>6</b>	<b>Subdivision and Development</b>		
6.1	Capital Infrastructure Charge for creation of a new Serviced Parcel by Subdivision, and Capital Infrastructure Charge for creation of a Serviced Parcel with separate Folio from a group of two or more Parcels with one Folio		
a)	Balfour Water System	\$3,000	each
b)	Burton Water System	\$5,000	each
c)	Duhamel Water System	\$2,000	each
d)	Edgewood Water System	\$4,000	each
e)	Erickson Water System	\$3,000	each
f)	Fauquier Water System	\$5,000	each
g)	Grandview Properties Water System	\$5,000	each
h)	Lister Water System	\$5,000	each
i)	Lucas Road Water System	\$3,000	each
j)	McDonald Creek Water System	\$2,000	each
k)	Riondel Water System	\$2,000	each
l)	Rosebery Highlands Water System	\$5,000	each
m)	Sanca Water System	\$2,000	each
n)	South Slocan Water System	\$5,000	each
o)	West Robson Water System	\$4,000	each
p)	Woodbury Water System	\$4,000	each
q)	Woodlands Heights Water System	\$3,000	each
r)	Ymir Water System	\$2,000	each
6.2	Capital Infrastructure Charge for creation of Serviced Dwelling Units in a Multiple Dwelling Parcel Development after the initial Dwelling Unit, and Capital Infrastructure Charge for creation of Serviced Commercial, Industrial or Institutional Unit after the initial Unit		
a)	Balfour Water System	1,500	each
b)	Burton Water System	2,500	each
c)	Duhamel Water System	1,000	each
d)	Edgewood Water System	2,000	each
e)	Erickson Water System	1,500	each
f)	Fauquier Water System	2,500	each
g)	Grandview Properties Water System	2,500	each
h)	Lister Water System	2,500	each
i)	Lucas Road Water System	1,500	each
j)	McDonald Creek Water System	1,000	each
k)	Riondel Water System	1,000	each
l)	Rosebery Highlands Water System	2,500	each
m)	Sanca Water System	1,000	each
n)	South Slocan Water System	2,500	each
o)	West Robson Water System	2,000	each
p)	Woodbury Water System	2,000	each
q)	Woodlands Heights Water System	1,500	each
r)	Ymir Water System	1,000	each
6.3	Capital Infrastructure Charge for new irrigation privileges on Agricultural Land	\$5,000	per acre
6.4	Water Main Extension and Improvements	Actual Cost	

No.	Item	Rate	Unit
6.5	Water Connection Charges		
a)	Installation		Actual Cost
b)	Capital Infrastructure Charge for existing Parcels within a Water System Service Area not currently paying a Water Tax, Capital Reserve Fund Contribution or Undeveloped Parcel Fee		\$10,000
6.6	Abandonment of Water Connection		Actual Cost
<b>7</b>	<b>Water Service Area Boundary Extension</b>		
7.1	Capital Infrastructure Charge for addition of a new Parcel to a Service Area, and bringing land into a Water Service Area by lot line cancellation or lot boundary adjustment		
a)	Balfour Water System	25,000	each
b)	Burton Water System	25,000	each
c)	Duhamel Water System	18,000	each
d)	Edgewood Water System	25,000	each
e)	Erickson Water System	25,000	each
f)	Fauquier Water System	25,000	each
g)	Grandview Properties Water System	25,000	each
h)	Lister Water System	25,000	each
i)	Lucas Road Water System	25,000	each
j)	McDonald Creek Water System	17,000	each
k)	Riondel Water System	20,000	each
l)	Rosebery Highlands Water System	25,000	each
m)	Sanca Water System	20,000	each
n)	South Slocan Water System	25,000	each
o)	West Robson Water System	25,000	each
p)	Woodbury Water System	25,000	each
q)	Woodlands Heights Water System	25,000	each
r)	Ymir Water System	22,000	each
7.2	Capital Infrastructure Charge for each additional Serviced Dwelling Unit in a Multiple Dwelling Parcel development after the initial Dwelling Unit and Capital Infrastructure Charge for each additional Serviced Commercial, Industrial or Institutional Unit after the initial Unit		
a)	Balfour Water System		
b)	Burton Water System	12,500	each
c)	Duhamel Water System	12,500	each
d)	Edgewood Water System	9,000	each
e)	Erickson Water System	12,500	each
f)	Fauquier Water System	12,500	each
g)	Grandview Properties Water System	12,500	each
h)	Lister Water System	12,500	each
i)	Lucas Road Water System	12,500	each
j)	McDonald Creek Water System	12,500	each
k)	Riondel Water System	8,500	each
l)	Rosebery Highlands Water System	10,000	each
m)	Sanca Water System	12,500	each
n)	South Slocan Water System	10,000	each
o)	West Robson Water System	12,500	each
p)	Woodbury Water System	12,500	each
q)	Woodlands Heights Water System	12,500	each
r)	Ymir Water System	12,500	each
7.3	Capital Infrastructure Charge for irrigation privileges on Agricultural Land	\$25,000	per acre

No.	Item	Rate	Unit
7.5	Water Main Extension and Improvements	Actual Cost	
7.6	Water Connection Installation	Actual Cost	
<b>8</b>	<b>Alternate Meter Read</b>		
8.1	Manual Meter Read – when read during scheduled automated readings	\$50	annual
8.2	Manual Meter Read – unscheduled trip	\$50	each

**SCHEDULE B TO BYLAW NO. 3027  
WATER SYSTEM SPECIFIC RATES, FEES AND CHARGES**

<b>1. ARROW CREEK WATER TREATMENT AND SUPPLY SERVICE AREA</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Town of Creston (Operations and Maintenance)	\$815,189	annually
2	Erickson Water Distribution Service (Operations and Maintenance)	\$643,754	annually

<b>2. BALFOUR WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Metered Rate		
a)	Base Charge: 3/4" meter	\$ 199	quarterly
b)	Base Charge: 1" meter	\$ 247	quarterly
c)	Base Charge: 1 1/2" meter	\$310	quarterly
d)	Base Charge: 2" meter	\$ 387	quarterly
e)	Metered Consumption: First Block (Up to 100 cubic meters)	\$1.59	per cubic meter
	Metered Consumption: Second Block (Over 100 cubic meters)		quarterly
f)	Metered Consumption: Approved Non Profit (Per cubic meter)	\$2.38	per cubic meter
			quarterly
g)		\$1.06	per cubic meter
			quarterly
2	Unmetered or Failed Meter	\$1,110	annually
3	Capital Reserve Fund Contribution (per dwelling unit - applied to 10 or more dwelling unit sites for new developments starting and after 2020)	\$ 203	annually per dwelling unit site

<b>3. BURTON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Campground (includes washrooms, serviced campsites and standpipe fill stations)	\$3,486	annually
2	Commercial: Business	\$2,301	annually
3	Commercial: Food and Beverage Service	\$2,301	annually
4	Commercial: Orchard	\$2,301	annually
5	Dwelling: Multi Family		
a)	First Dwelling	\$2,301	annually
b)	Additional Dwelling	\$1,154	annually
c)	Additional Mobile Housing Unit Dwelling	\$1,154	annually
6	Dwelling: Single Family	\$2,301	annually
7	Institutional: Church	\$2,096	annually
8	Institutional: Community Hall	\$2,096	annually
9	Institutional: School	\$3,486	annually
10	Metered Rate		
a)	Base Charge	\$231	quarterly
b)	Metered Consumption	\$3.92	per cubic meter
			quarterly

<b>4. DUHAMEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Short-Term Accommodation Rentals	\$872	annually

<b>4. DUHAMEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
2	Dwelling: Multi Family		
a)	First Dwelling	\$ 872	annually
b)	Additional Dwelling	\$ 872	annually
c)	Additional Mobile Housing Unit Dwelling	\$872	annually
3	Dwelling: Single Family	\$ 872	annually
4	Metered Rate		
a)	Base Charge	\$ 88	quarterly
b)	Metered Consumption	\$1.32	per cubic meter quarterly

<b>5. EDGEWOOD WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, post office, office, concession & small business)	\$ 1,018	annually
2	Dwelling: Multi Family		
a)	First Dwelling	\$1,748	annually
b)	Additional Dwelling	\$ 876	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 876	annually
3	Dwelling: Single Family	\$1,748	annually
4	Industrial: Road Maintenance Yard	\$3,049	annually
5	Institutional: Church	\$1,527	annually
6	Institutional: Community Hall	\$1,527	annually
7	Institutional: Health Facility	\$ 764	annually
8	Institutional: Fire Hall	\$1,748	annually
9	Institutional: School	\$2,537	annually
10	Recreational (includes park & field Irrigation and Restroom Facilities)	\$2,537	annually
11	Metered Rate		
a)	Base Charge	\$ 175	quarterly
b)	Metered Consumption	\$2.21	per cubic meter quarterly

<b>6. ERICKSON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Agricultural: Land Charge (Per acre, excluding first acre)	\$ 416	annually
2	Agricultural: Greenhouse (for each square foot over 2,000)	\$0.153	per square foot annually
3	Commercial: Short-Term Accommodation Rentals		
a)	Base Rate	\$1,341	annually
b)	Rate per additional Rental Room	\$ 224	annually
4	Commercial: Business (Includes store, bank, post office, office & small business)	\$1,381	annually
5	Commercial: Campground		
a)	Base Rate (for Retail/Business /Dwelling)	\$1,381	annually
b)	Per Camp Site	\$ 99	annually
6	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	\$1,381	annually
7	Commercial: Food & Beverage Process & Storage	\$6,795	annually

<b>6. ERICKSON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
8	Commercial: Hotel/Motel		
a)	Base Rate	\$0	annually
b)	Per Room Rate	\$ 725	annually
c)	Restaurant	\$1,381	annually
d)	Lounge	\$1,381	annually
e)	Swimming Pool	\$ 704	annually
9	Commercial: Manufactured Home Park (Conforming to <i>Manufactured Home Park Bylaw</i> No. 1082, 1995 with all Dwellings under one Account)		
a)	Base Rate	\$1,381	annually
b)	Per Dwelling	\$ 923	annually
10	Dwelling: Multi Family		
a)	First Dwelling	\$1,341	annually
b)	Additional Dwelling	\$1,341	annually
c)	Secondary Suite	\$ 923	annually
d)	Additional Mobile Housing Unit Dwelling	\$1,341	annually
e)	Swimming Pool (greater than 5,000 Litres)	\$ 329	annually
11	Dwelling: Single Family		
a)	Dwelling	\$1,341	annually
b)	Swimming Pool (greater than 5,000 Litres)	\$ 329	annually
12	Industrial: Small Business (Includes office and yard)	\$1,381	annually
13	Industrial: Saw Mill	\$8,465	annually
14	Institutional: Church	\$1,271	annually
15	Institutional: Community Hall	\$1,271	annually
16	Institutional: School (per classroom)	\$1,184	annually
17	Water Usage with No Development	\$ 416	annually
18	Metered Rate		
a)	Base Charge	\$134.56	quarterly
b)	Metered Consumption	\$1.04	per cubic meter quarterly
19	Capital Reserve Fund Contribution		
a)	Per Parcel of Land	\$ 458	annually
b)	Per Manufactured Home Park Dwelling	\$458	annually

<b>7. FAUQUIER WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store & laundromat)	\$3,688	annually
2	Commercial: Concession Stand	\$1,965	annually
3	Commercial: Food & Beverage Services	\$4,437	annually
4	Commercial: Golf Course (Includes club house, irrigation and campsites)	\$7,624	annually
5	Commercial: Hotel/Motel	\$2,710	annually
6	Dwelling: Multi Family		
a)	First Dwelling	\$1,965	annually
b)	Additional Dwelling	\$ 984	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 984	annually
7	Dwelling: Single Family	\$1,965	annually
8	Institutional: Church	\$1,965	annually
9	Institutional: Community Hall	\$1,965	annually
10	Institutional: Public Restrooms (Transportation)	\$1,394	annually
11	Institutional: Utility Restrooms	\$1,394	annually

<b>7. FAUQUIER WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
12	Recreational (Includes Park & Field Irrigation and Restroom Facilities)	\$2,257	annually
13	Metered Rate		
a)	Base Charge	\$196	quarterly
b)	Metered Consumption	\$1.48	per cubic meter quarterly

<b>8. GRANDVIEW PROPERTIES WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Metered Rate		
a)	Base Charge	\$ 245	quarterly
b)	Metered Consumption: First Block (Up to 50 cubic meters)	\$1.71	per cubic meter quarterly
c)	Metered Consumption: Second Block (Over 50 cubic meters)	\$4.27	per cubic meter quarterly
2	Undeveloped Parcel	\$ 981	annually
3	Unmetered or Failed Meter	\$1,772	annually

<b>9. LISTER WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, post office, office & small business)	\$1,461	annually
2	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	\$1,461	annually
3	Commercial: Food Processing	\$1,461	annually
4	Commercial: Golf Course (Does not include irrigation)	\$6,394	annually
5	Dwelling: Multi Family		
a)	First Dwelling	\$ 925	annually
b)	Additional Dwelling	\$ 925	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 925	annually
d)	Swimming Pool (greater than 5,000 Liters)	\$ 632	annually
6	Dwelling: Single Family		
a)	Dwelling	\$ 925	annually
b)	Swimming Pool (greater than 5,000 Liters)	\$632	annually
7	Institutional: Fire Hall	\$925	annually
8	Institutional: Community Hall/Park	\$ 925	annually
9	Metered Rate		
a)	Base Charge	\$92.94	quarterly
b)	Metered Consumption	\$0.83	per cubic meter quarterly
10	Capital Reserve Fund Contribution	\$791	annually

<b>10. LUCAS ROAD WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Metered Rate		
a)	Base Charge	\$302.47	Quarterly
b)	Metered Consumption	\$2.32	per cubic meter quarterly

**11. MCDONALD CREEK WATER SYSTEM**

- (1) Rates and fees for the McDonald Creek Water System are in accordance with the agreement between the Regional District and the Village of Kaslo.
- (2) McDonald Creek Customer Account Administration and Water Connection Maintenance is subject to Village of Kaslo fees and charges.

<b>12. RIONDEL WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, post office, office & small business)	\$942	annually
2	Commercial: Recreational Rentals Seasonal (per unit)	\$ 585	annually
3	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	\$1,637	annually
4	Commercial: Golf Course (includes irrigation)	\$17,515	annually
5	Commercial: Campground (includes washrooms, serviced campsites and standpipe fill stations)	\$4,680	annually
6	Dwelling: Multi Family		
a)	First Dwelling	\$942	annually
b)	Additional Dwelling	\$ 942	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 942	annually
7	Dwelling: Single Family	\$ 942	annually
8	Institutional: Ambulance Station	\$1,398	annually
9	Institutional: Church	\$ 942	annually
10	Institutional: Church Seasonal	\$ 585	annually
11	Institutional: Regional District Community Building	\$0	annually
12	Institutional: Regional District Community Center	\$0	annually
13	Institutional: Regional District Recreational Center	\$0	annually
14	Institutional : Regional District Fire Hall	\$0	annually
15	Recreational: Regional District Recreational Center	\$0	annually
16	Metered Rate		
a)	Base Charge	\$106.34	quarterly
b)	Metered Consumption	\$1.43	per cubic meter quarterly

<b>13. ROSEBERY HIGHLANDS WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling : Multi Family		
a)	First Dwelling	\$1,730	annually
b)	Additional Dwelling	\$1,730	annually
c)	Additional Mobile Housing Unit Dwelling	\$1,730	annually
2	Dwelling: Single Family	\$1,730	annually
3	Undeveloped Parcel	\$ 1,013	annually
4	Metered Rate		
a)	Base Charge	\$303	quarterly
b)	Metered Consumption	\$3.37	per cubic meter quarterly

<b>14. SANCA WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Multi Family		
a)	First Dwelling	\$ 821	annually
b)	Additional Dwelling	\$821	annually
c)	Additional Mobile Housing Unit Dwelling	\$821	annually
2	Dwelling: Single Family	\$821	annually

<b>15. SOUTH SLOCAN WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Business (Includes store, bank, office & small business)	\$2,376	annually
2	Commercial: Food & Beverage Services (Including restaurant, fruit stand, food stand, bakery, coffee shop, lounge, beverage room/stand)	\$6,106	annually
3	Dwelling: Multi Family		
a)	First Dwelling	\$2,376	annually
b)	Additional Dwelling	\$2,376	annually
c)	Additional Mobile Housing Unit Dwelling	\$2,376	annually
d)	Secondary Suite	\$2,376	annually
4	Dwelling: Single Family	\$2,376	annually
5	Industrial: Small Business (Includes office, shop and yard)	\$2,376	annually
6	Institutional: Regional District Community Building	\$2,376	annually
7	Metered Rate		
a)	Base Charge	\$238	quarterly
b)	Metered Consumption	\$2.73	per cubic meter quarterly

<b>16. WEST ROBSON WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Manufactured Home Park (Conforming to <i>Manufactured Home Park Bylaw No. 1082, 1995</i> with all Dwellings under one Account)		
a)	Per Dwelling	\$ 777	annually
b)	Capital Reserve Fund Contribution per Dwelling	\$ 146	annually
2	Dwelling: Multi Family		
a)	First Dwelling	\$ 1,038	annually
b)	Additional Dwelling	\$ 518	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 518	annually
3	Dwelling: Single Family	\$ 1,038	annually
4	Metered Rate		
a)	Base Charge	\$ 104	quarterly
b)	Metered Consumption	\$1.79	per cubic meter quarterly

<b>17. WOODBURY WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Multi Family		
a)	First Dwelling	\$1,070	annually
b)	Additional Dwelling	\$ 562	annually
c)	Additional Mobile Housing Unit Dwelling	\$562	annually
d)	Secondary Suite	\$ 562	annually
2	Dwelling: Single Family	\$1,070	annually
3	Undeveloped Parcel	\$ 408	annually
4	Metered Rate		
a)	Base Charge	\$152	quarterly
b)	Metered Consumption	\$4.36	per cubic meter quarterly

<b>18. WOODLAND HEIGHTS WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Dwelling: Single Family	\$1,646	annually

<b>18. WOODLAND HEIGHTS WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
2	Dwelling: Multi Family		
a)	First Dwelling	\$1,646	annually
b)	Additional Dwelling	\$1,646	annually
c)	Secondary Suite	\$ 988	annually
3	Metered Rate		
a)	Base Charge	\$ 164	quarterly
b)	Metered Consumption	\$2.26	per cubic meter quarterly

<b>19. YMIR WATER SYSTEM</b>			
<b>No.</b>	<b>Item</b>	<b>Rate</b>	<b>Unit</b>
1	Commercial: Short-Term Accommodation Rentals		
a)	Base Rate (Including Dwelling)	\$ 706	annually
b)	Rate per Rental Room	\$ 108	annually
2	Commercial: Business (Includes store, bank, post office, office, food stand, food counter, bakery, coffee service & small business)	\$ 706	annually
3	Commercial: Food & Beverage Services (Including restaurant, lounge, & beverage room)	\$1,061	annually
4	Commercial - Hotel/Motel		
a)	Base Rate	\$3,385	annually
b)	Per Room Rate	\$ 108	annually
c)	Restaurant	\$ 766	annually
d)	Lounge/Beverage Room	\$ 550	annually
e)	Laundry	\$3,385	annually
f)	Coffee shop	\$ 766	annually
5	Dwelling: Multi Family		
a)	First Dwelling	\$ 706	annually
b)	Additional Dwelling	\$ 706	annually
c)	Additional Mobile Housing Unit Dwelling	\$ 706	annually
6	Dwelling: Single Family	\$ 706	annually
7	Institutional: Community Association	\$0	annually
8	Institutional: Arts & Museum Society	\$0	annually
9	Institutional: Fire Hall	\$0	annually
10	Metered Rate		
a)	Base Charge	\$ 70	quarterly
b)	Metered Consumption	\$2.88	per cubic meter quarterly



# Committee Report

April 1, 2026

## Bylaw No. 3078 – Repeal and Replace Water Bylaw No. 2894

<b>Author:</b>	Chris Gainham, Utility Services Manager
<b>File Reference:</b>	08-3200-10-3027
<b>Electoral Area/Municipality:</b>	A, B, C, D, E, F, G, H, J & K
<b>Services Impacted</b>	S241-Riondel, S242-Sanca Park, S243-Lister, S244-Ymir, S245-South Slocan, S246-McDonald Creek, S247-Lucas Road, S248-Duhamel, S250-Erickson, S251-Arrow Creek, S252-Burton, S253-Edgewood, S254-Fauquier, S255-Balfour, S256-West Robson, S257-Woodland Heights, S258-Grandview Properties, S259-Woodbury, S260-Rosebery Highlands

### 1.0 STAFF RECOMMENDATION

That the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be read a first, second and third time by content to repeal and replace Water Bylaw No. 2894, 2023.

That Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

### 2.0 BACKGROUND/HISTORY

Water Bylaw No. 2894, 2023 establishes the terms and conditions under which water services are provided, regulated, and administered across RDCK water systems.

Since adoption, a number of operational, regulatory, and administrative considerations have been identified that warrant updates to improve clarity, consistency, and alignment with current practices.

A key area of update relates to access to Water System infrastructure located on private property. This includes access required for meter pit installation, inspection, maintenance, and operation of existing infrastructure. In many RDCK water systems, portions of the Water System are located on private lands, in some cases without registered Statutory Rights of Way, reflecting historic construction practices.

The updated bylaw clarifies the Regional District's authority to access these assets in accordance with applicable legislation, including expectations regarding notice, restoration, and limitations on entry. These updates are intended to support safe, efficient and effective operation of the Water System, while providing transparency and consistency for property owners.

A redline version of the bylaw is provided in Attachment A for reference.

### **3.0 PROBLEM OR OPPORTUNITY DESCRIPTION**

The existing bylaw requires updating to better reflect current operational practices, infrastructure standards, and regulatory expectations and to ensure consistency in the regulation of RDCK water systems.

Additionally, the proposed bylaw provides an opportunity to improve clarity, clarify administrative authority, and better align the regulatory framework with how RDCK water systems are currently managed.

#### **3.1 Alignment to Board Strategic Plan**

This bylaw supports the Board Strategic Plan by clarifying service delivery and levels of service, sustainable infrastructure management, and effective governance.

The bylaw also supports sustainable asset management by clarifying requirements related to infrastructure standards, servicing conditions, and lifecycle planning, including situations where infrastructure must be upgraded or replaced to meet current service expectations.

#### **3.2 Legislative Considerations**

The bylaw is enacted under the authority of the Local Government Act and the Community Charter, and is consistent with applicable provincial legislation including the Drinking Water Protection Act.

The bylaw establishes conditions of service, access authority, and operational requirements necessary for the provision of water services within RDCK water service areas.

#### **3.3 What Are the Risks**

If Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894, 2023 is not adopted, the following are identified as risks:

Operational and Infrastructure Risk - Ambiguity in existing provisions may result in inconsistent application of servicing requirements and the effective and efficient undertaking of required infrastructure works

Regulatory/Legislative Risk - Outdated or unclear provisions may not align with current regulations or best practices.

Reputational Risk - Inconsistent or unclear requirements may lead to confusion for property owners, developers, and stakeholders.

### **4.0 PROPOSED SOLUTION**

The proposed solution is to Adopt Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894, 2023. The updated bylaw includes clarification and refinements - these updates do not represent a fundamental shift in how water services are delivered. The updated bylaw improves clarity around access to infrastructure on private property, restoration of disturbed areas, owner compensation and provides better alignment with provincial legislation.

#### **4.1 Financial Considerations of the Proposed Solution**

There are no direct financial impacts associated with adoption of the bylaw. The bylaw supports long-term financial sustainability by reinforcing cost recovery principles, enabling appropriate infrastructure upgrades as a condition of service where appropriate, and clarifies the scope of reasonable restoration works on private lands, clarifying that compensation is not required when reasonable restoration by the RDCK is completed – aligning with the requirements of the Local Government Act and related legislation.

#### **4.2 Risks with the Proposed Solution**

There are few risks associated with the adoption of Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894, since the updated bylaw clarifies infrastructure operations and works, including alignment with provincial legislation related to private property access, restoration and compensation.

#### **4.3 Resource Allocation and Workplan Impact**

This work is included in the annual workplan and completed by staff.

#### **4.4 Public Benefit and Stakeholder Engagement of Proposed Solution**

The bylaw provides benefit through improved clarity and transparency regarding infrastructure operations, servicing requirements and alignment with provincial legislation. Input has been received from internal staff and via outside professional legal advice. The bylaw reflects current practices already being implemented across RDCK water systems.

#### **4.5 Leveraging Technology**

The bylaw supports the integration of modern infrastructure and operational tools, including advanced metering infrastructure (AMI) and remote reading systems, meter pit installations to support accessible and maintainable metering and improved data collection to support asset management and system planning. These enhance operational efficiency and provide better information to support decision-making.

#### **4.6 Measuring Success**

Success will be measured by consistent application of bylaw provisions; reduced ambiguity in servicing and operational decisions; improved alignment between bylaw requirements, operational practices and provincial legislation, and continued reliability and performance of RDCK water systems

### **5.0 ALTERNATIVE SOLUTION(S)**

The alternative is that the Board could choose not to adopt Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894

#### **5.1 Financial Considerations of the Alternative Solution(s)**

No immediate financial impact; however, potential longer-term costs may arise from inefficiencies or inability to require appropriate infrastructure upgrades or liability associated with unclear provisions.

#### **5.2 Risks with the Alternative Solution(s)**

Risks include continued reliance on outdated or unclear provisions and an increased likelihood of inconsistent decision-making as well as a reduced ability to respond to infrastructure and regulatory needs.

#### **5.3 Resource Allocation and Workplan Impact**

The preparation of the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894

is already included in the department workplan. If the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 to repeal and replace Water Bylaw No. 2894 is rejected, this will add unplanned work.

#### 5.4 Public Benefit and Stakeholder Engagement of Alternative Solutions

Limited benefit. Continued ambiguity/lack of clarity and misalignment with provincial legislation may lead to confusion for staff, property owners and developers.

#### 5.5 Measuring Success

The updated bylaw is drafted to clarify water system regulatory requirements, service delivery expectations and reduce liability.

### 6.0 OPTIONS CONSIDERED BUT NOT PRESENTED

N/A

### 7.0 OPTIONS SUMMARY

#### Option 1:

##### Recommendation:

That the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Water Bylaw No. 2894, 2023

That Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same.

##### Pros:

- provides necessary regulatory bylaw updates.

##### Cons:

- None.

#### Option 2:

##### Recommendation:

That the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 not be approved.

##### Pros:

- None

##### Cons:

- Will not provide necessary regulatory bylaw updates.

### 8.0 RECOMMENDATION

#### RECOMMENDATION #1:

That the Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be read a first, second and third time by content to repeal and replace Regional District of Central Kootenay Water Bylaw No. 2894, 2023

**RECOMMENDATION #2:**

That Regional District of Central Kootenay Water Bylaw No. 3078, 2026 be ADOPTED and the Chair and Corporate Officer be authorized to sign the same



Respectfully submitted,  
Chris Gainham – Utility Services Manager

**CONCURRENCE**

General Manager of Environmental Services – Uli Wolf

**ATTACHMENTS:**

Attachment A – Regional District of Central Kootenay Water Bylaw No. 2894, 2023 - REDLINE

Attachment B – Regional District of Central Kootenay Water Bylaw No. 3078, 2026 – CLEAN



**REGIONAL DISTRICT OF CENTRAL KOOTENAY  
WATER BYLAW NO. ~~2894~~3078, 20236**

**ADOPTED ~~April 20, 2023~~**

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## SCHEDULES

**SCHEDULE A: WATER CONSERVATION MEASURES**

**SCHEDULE B: LATECOMER CHARGES AND COST RECOVERY FOR EXCESS AND EXTENDED SERVICES**

REGIONAL DISTRICT OF CENTRAL KOOTENAY

**BYLAW NO. ~~2894~~3078**

---

A Bylaw to regulate the terms and conditions under which water from the Regional District of Central Kootenay Water Systems may be supplied, used and regulated.

---

WHEREAS the Regional District of Central Kootenay wishes to regulate the terms and conditions under which water from the Regional District of Central Kootenay Water Systems may be supplied, used and regulated.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

**1. Bylaw Title**

This Bylaw is applicable to all Water Service Areas of the Regional District of Central Kootenay of the Regional District of Central Kootenay.

**2. Application of Bylaw**

This Bylaw applies to all Water Service Areas of the Regional District of Central Kootenay.

**3. Severability**

If any portion of this Bylaw is for any reason held to be invalid by the decision of any court of competent jurisdiction, that portion may be severed from the Bylaw and such decision shall not affect the validity of the remaining portions of the Bylaw.

**4. Definitions**

In this Bylaw:

**Account** means a formal arrangement under this Bylaw for the provision of water services to a Property.

**Account Holder** means the person, organization, agent or representative that holds the water Account with the Regional District of Central Kootenay.

**Account Type** means the predominate usage of the Account such as but not limited to: Single Family Dwelling, Multiple Dwelling Property, Commercial, Industrial, Institutional, Agricultural, and Recreational.

**Agricultural Land** means the land where agricultural irrigation privileges have been assigned by the Manager.

**Air Gap** means the unobstructed vertical distance through air between the lowest point of a water fixture and the flood level rim of the fixture or device into which the outlet discharges.

**Approved/Approval** means approved by the Manager.

**Auxiliary Building or Dependent Suite** means a secondary or supplementary building or Unit that does not include all of cooking, eating, living, sleeping and sanitary facilities. An Auxiliary Building or Dependent Suite intended for habitation would be reliant on the main Dwelling.

**Backflow** means the flowing back or reversal of the normal direction of flow.

**Backflow Prevention / Preventer** is a method or device used to prevent Backflow that is selected and installed in accordance with the Plumbing Code, and CSA B64.10-11.

**Boil Water Notice** means the Notice issued by the Regional District or Interior Health when water provided by a Water System or portion of a Water System is considered non-potable due to potential health risk.

**Board** means the Regional District of Central Kootenay Board of Directors.

**Capital Infrastructure Charge** means a fee levied that is placed into reserves as a contribution to the cost of existing water infrastructure, upgrades and long term asset renewal.

**Carwash** means a building or structure containing facilities for washing motor vehicles, including but not limited to tunnel car washes, coin operated automatic car washes and coin operated self-service car washes.

**Certificate of Total Performance** means a certificate issued by the Regional District indicating that water infrastructure has been designed, installed, tested, and commissioned to the satisfaction of the Regional District.

**Commercial** means any Unit for which the use is the provision for the selling of goods and services, for the servicing and repair of goods or for commercial office functions, including but not limited to retail sales, wholesaling incidental to retail sales, commercial education and entertainment services, household services and all associated repairs, other personal and non-personal services and administrative, commercial and professional offices.

**Commercial Carwash** means a Carwash used or operated by a Commercial or Industrial business.

**Cross Connection** means any physical arrangement whereby the Water System is connected, directly or indirectly, with any potable, non-potable or un-Approved private water supply system, sewer drain, conduit, well, pool, irrigation system, storage reservoir, plumbing fixture, or any other device which contains, or may contain, contaminated water, liquid, gases, sewage, or other wastes, or unknown or unsafe water quality which may be capable of imparting contamination to the water supply as a result of Backflow.

**CSA B64.10-11** means Canadian Standards CSA B64.10-11, Selection and Installation of Backflow Preventers, November 2011, or the latest version thereof.

**Curb Stop Valve** means the valve owned by the Regional District generally placed on the water service at the Property Line to control the flow of water to a lot.

**Curb Stop Box** means the hollow metal tube that runs from the Curb Stop Valve to the cap. The Curb Stop Box includes the operating stem and the box cap.

**Customer** means the Owner or occupant of any Property to which water is supplied or made available from the Regional District.

**Designated Officer** means an employee of the Regional District or an authorized representative as designated in writing by the Manager.

**Developer** means the Owner of a Development.

**Development** means the Subdivision of land, new construction of buildings, structures, utilities or any use that requires the issuance of a building permit, plumbing permit, development permit, or Interior Health construction permit issued in accordance with the *Drinking Water Protection Act*, or the development of irrigated land.

**Disconnection** means physically turning off the water to an Owner's Property and adjusting the Owner's Account accordingly.

**Drip Irrigation** means an irrigation method that saves water by allowing water to drip slowly to the roots of plants, either onto the soil surface or directly onto the root zone, and uses less than 7.6 liters per hour (2 United States gallons per hour) at less than 138 kPa (20 psi). This does not include soaker hoses, weeper hoses or micro-sprayers.

**Double Check Valve Assembly** mean a Backflow Prevention devise meeting Canadian Standards CSA B64.5.

**Dual Check Valve** means a Backflow Prevention devise meeting Canadian Standards CSA B64.6.

**Dwelling** means any living quarters used or has the potential to be used by one or more persons which contains cooking, eating, living, sleeping and sanitary facilities.

**Easement** means a right to the use of land, or a right to restrict the use of land. See also Statutory Right of Way.

**Fees and Charges** means the fees and charges set out in the *Fees and Charges Bylaw*.

**Fees and Charges Bylaw** means the Utilities Rates, Fees, and Charges Bylaw No. ~~2895~~ [3027](#), [2023](#),~~5~~ as may be amended or replaced from time to time.

**Folio** means a land identification number assigned by British Columbia Assessment and is used for Property tax purposes. Folio is synonymous with Assessment Roll Number. A Folio in this Bylaw may describe one or more Parcels grouped under one British Columbia Assessment Folio.

**Free Flow Bleeder** means a Freeze Protection Device that allows the discharge of bleed water continuously.

**Freeze Protection Device** means any Approved device to prevent the freezing of the water service.

**Illegal Water Connection** means any water connection that was made without the Manager's Approval under the Bylaw or other legal authority.

**Industrial** means businesses including but not limited to airports, aggregate processing, asphalt plants, bulk fuel storage, concrete plants, fabrication plants, manufacturing, processing, sawmills, and truck terminals.

**Institutional** means activities focusing on non-profit services in the public's interest. For example, schools, hospitals, group foster homes, and buildings used for religious worship.

**Irrigation** means the distribution of water to the surface or subsurface of lawns, gardens, vineyards and orchards, greenhouses by pipes, hoses, sprinklers or any other method.

**Manager** in this Bylaw, unless the context otherwise requires, means the Regional District of Central Kootenay General Manager of Environmental Services, the Water Operations Manager, Utility Services Manager or designate.

**Manufactured Home** means any structure, whether ordinarily equipped with wheels or not, that is designed, constructed or manufactured to be moved from one place to another by being towed or carried, and that is used as a Dwelling.

**Meter** means water meters, remote reading device, wire and other equipment or instruments used by the Regional District or authorized by the Regional District to be used to calculate the amount of water consumed, and other related appurtenances.

**Meter Pit** means [a below-grade or at-grade enclosure, typically located near the Property Line, that houses a Water Meter and associated appurtenances, including but not limited to valves, fittings, backflow prevention devices, remote reading equipment, and insulation, and forms part of the Regional District Water Connection where installed by or authorized by the Regional District.](#)

**Mobile Housing Unit** is any type of living accommodation that has been produced to be transported or is a mobile unit such as a ship, boat, recreational vehicle, Manufactured Home and so on, and occupied as living quarters.

**Minor Cross Connection Hazard** means any type of Cross Connection or potential cross-connection that involves a substance that constitutes only a nuisance and that results in a reduction in only the aesthetic qualities of the water.

**Moderate Cross Connection Hazard** means any Minor Cross Connection Hazard that has a low probability of becoming a Severe Cross Connection Hazard.

**Multiple Dwelling Property** means any Property containing more than one Dwelling Unit on one Folio.

**Occupancy Permit** means a permit issued by the Regional District indicating a building or structure is in compliance with applicable building codes and is suitable for occupancy.

**Once Through Cooling Equipment** means cooling, air conditioning or refrigeration systems in buildings, building systems and equipment, which rely upon the temperature of the water for

cooling purposes and deliver water to a drain or other discharge facility without having recycled that water.

**Owner** has the same meaning as in the British Columbia *Land Title Act* and *Manufactured Home Act*.

**Owner Water Connection** means the Owner's water lines and appurtenances downstream of the Regional District Water Connection.

**Parcel** means the unit lot, block or other area in which land is registered under the British Columbia *Land Title Act*.

**Plumbing Code** means the British Columbia *Plumbing Code, 2012*, as it may be amended or replaced from time to time.

**Property** means land and improvements.

**Property Isolation** means Cross Connection protection provided at the entrance to a Property on the Regional District Water Connection.

**Property Line** means a line which defines, in the British Columbia Land Title Office, the perimeter of a Parcel.

**Provincial Drought Level** means drought levels defined and issued by the Province of British Columbia.

**Qualified Person** means a person who has a recognized degree, certificate, or professional standing related to subject matter.

**Recreational** is land primarily used for public recreation and includes but is not limited to not for profit: golf courses, parks, sports fields, gymnasiums, playgrounds, parks, green areas, beaches and camping sites.

**Reconnection** means physically turning on the water and reestablishing or adjusting an Account as required.

**Redevelopment** means the alteration or extension of existing buildings, structures, utilities or any use that results in a significant change in water usage and requires the issuance of a building permit, plumbing permit, development permit or Interior Health construction permit, or the redevelopment irrigated land.

**Reduced Pressure Principle Backflow Preventer** means a Backflow Prevention device meeting Canadian Standards CSA B64.4.

**Regional District of Central Kootenay or Regional District or District** means the Regional District of Central Kootenay, as described under the British Columbia *Local Government Act* with offices located at 202 Lakeside Drive, Nelson, BC V1L 5R4 Phone: 250-352-6665 or toll free number 1-800-268-7325 and Fax: 250-352-9300.

**Regional District Water Connection** means the water line extending from the Water Main to the Curb Stop Valve, generally near the Property Line and shall include any immediate downstream Meter installation, or Backflow Preventer.

**Severe Cross Connection Hazard** means any type of Cross Connection or potential Cross Connection involving water that has additives or substances that can create a danger to health.

**Single Family Dwelling** means a building or structure that contains only one Dwelling.

**Statutory Right of Way** means the grant of a right of way under Section 218 of the British Columbia *Land Title Act*.

**Subdivision** means a subdivision as defined in the British Columbia *Land Title Act*, and a subdivision under the British Columbia *Strata Property Act*.

**Subdivision Bylaw** means the *Subdivision Bylaw No. 2159* as it may be amended or replaced from time to time.

**Swimming Pool** means any permanent or semi-permanent artificial pool for swimming in.

**Title (Land Title)** refers to the registration of land ownership in accordance with the British Columbia *Land Title Act*.

**Turn On/Off** means a temporary interruption in or discontinuance of the supply of water authorized by the Regional District.

**Unit** means any Dwelling, Commercial, Industrial, or Institutional space.

**Water Conservation Measures** means any measures implemented by the Manager to restrict water usage.

**Water Main** means any water pipe under the control of the District which is intended for public use.

**Water Meter** see Meter.

**Water Service Area** means the area defined by the Water System service area establishment bylaw.

**Water Service Area Extension** means the extension of the Water Service Area boundary by bylaw to include one or more additional parcels of land.

**Water System** means all Regional District owned assets like Water Mains, water treatment facilities, pump stations, reservoirs, wells, water intakes and all associated appurtenances used in the provision of Water Services.

**Water Servicing Plan** means a plan that details the proposed Development or Subdivision as it relates to water servicing.

**Work** means construction, maintenance, inspection or testing services provided for an Owner.

**Work Order** means a written order on an Approved form providing agreement by a Owner to proceed with Work identified on the form for which the Owner will be responsible for costs incurred by the Regional District in accordance with the Utilities Rates, Fees and Charges Bylaw.

## **5. Administration**

1. The Manager is hereby authorized and directed to have general supervision over the Regional District of Central Kootenay Water Systems and to see that the provisions of this Bylaw are carried out.
2. The Manager shall have the power to appoint Designated Officers for the purpose of effectually carrying out the provisions of this Bylaw, and wherever the Manager is authorized or directed to perform any act or duty under this Bylaw, such act or duty may be performed by any Designated Officer authorized by the Manager to perform such act or duty.

## **6. Liability**

1. Nothing contained in this Bylaw shall be construed to impose any liability on the Regional District to service any person or Property or to give a continuous supply of water to any person or Property.
2. The Regional District shall not be liable for the failure of the water supply in consequence of any accident or damage to the Water System, or to excessive pressure or lack of pressure, or any interruption of service.
3. The Regional District does not guarantee provision of minimum or maximum service pressures or minimum flow rates.
4. The Regional District shall not be liable for deposition of sediment, mineral build up, staining or corrosion in the Owner Water Connection or Owner's water system.

## **7. Operation of the Water System**

1. No person, except a Designated Officer, or authorized contractor of the Regional District, or a member of a Regional District fire department shall operate any hydrant, standpipe or valve that forms part of the Water System or use any water therefrom, without written Approval of the Manager.
2. No person shall destroy, injure or tamper with any hydrant, or other fixture of the Water System and no person shall in any manner interfere or meddle with the Regional District Water Connection or Water System, or make any additions or alterations to the Water System or any Regional District Water Connection, or Turn On or Turn Off any Curb Stop, service valve or gate valve that forms part of the Water System without written Approval of the Manager, and damages incurred will be repaired by the Regional District at the person's expense.

## **8. Applications**

1. An application is required for a new Owner Water Connection, Account, Disconnection or Reconnection and shall be made on the application form provided by the Manager.
2. An application is required for a change of Account Type or a significant change of water usage that would result in a change in billing.
3. Application for new Owner Water Connections or Account, or change of Account Type or water use will only be accepted from the Owner.
4. An application in writing is required to the Manager for temporary water usage for such things as construction, road maintenance, and events.

5. New Water Connections, changes to existing Water Connections, temporary water usage, and Account changes require Manager Approval.
6. New Developments, including phased Developments, and Redevelopments with Regional District water servicing greater than 10 Units, have potential water demands greater than equivalent to 10 Single Family Dwellings, add 2.0 hectares (5 acres) or more of Irrigation, increase number of connections or Customers by 10% or more, or have the potential to increase water system demand by 10% or more, shall require Regional District Board approval.
7. Developments and Redevelopments smaller than that identified in Clause 8.6 shall require only Manager Approval.

## **9. Disconnection and Water Shut-Off**

### **9.1. Water Turn Off**

1. An Owner may apply for water Turn Off.
2. The Regional District may Turn Off or Disconnect the water service to any Property, group of Properties or Water Service Area for any of the following reasons, and the Regional District shall not be liable for damages by reason of discontinuing water service:
  - a. Unnecessary or wasteful use of water, or violation of regulations concerning watering or sprinkling;
  - b. Non-payment of Fees and Charges, repair charges or other miscellaneous charges;
  - c. Failure to replace or repair defective pipes, fittings, valves, tanks or appliances which are leaking or are otherwise not in a good state of repair and which are or may become a cause of waste of water;
  - d. Failure to allow access for inspection of any reasonably assumed contravention of this Bylaw;
  - e. Failure to allow access for a Meter installation, Work, inspection, testing or reading;
  - f. Failure to allow access for Backflow Preventer installation, inspection, or testing;
  - g. Water System maintenance or repairs;
  - h. Inadequate source water supply or disruption;
  - i. Concerns with water quality;
  - j. For violation of any of the provisions of this Bylaw.
3. Except under emergency situations, reasonable notice is required before Shut Off or Disconnection of the Regional District Water Connection. Reasonable notice shall consist of at least 48 hours' notice.

### **9.2. Application to Leave a Water Service Area**

1. Any request for a Parcel to be removed from a Water Service Area shall be submitted in writing to the Manager.
2. Parcels may only be removed from the Water Service Area if removal benefits the Water System or the Parcel cannot be feasibly serviced from the Water System.
3. If a future application is made for the Parcel to re-join the Water Service Area, the Parcel is subject to all conditions of this Bylaw and Fees and Charges as identified in the Utilities Rates, Fees and Charges Bylaw. No credit shall be given for past contributions to the Water Service Area.
4. After a Parcel is removed from a Water Service Area, no rebates for any past Fees and Charges or taxes shall be paid to the Owner, except proration of the current year's Fees and Charges.
5. If permission is granted for a Parcel to be removed from the Water Service Area, the Regional District Water Connection shall be removed at the Owner's expense.

## **10. Ownership, Responsibility, and Access**

### **10.1. Owner Water Connections**

1. The Owner is responsible for the supply and installation of Owner Water Connections.
2. Joining of the Regional District Water Connection and the Owner Water Connection during construction shall be the responsibility of the Owner. The joint shall be inspected by a Designated Officer prior to backfilling the Owner Water Connection. A minimum notice of two working days is required before inspection.
3. The Owner shall ensure that all pipe, fixtures and appurtenances connected to the Owner's water system are in good working order.
4. All new Regional District Water Connections shall have a properly placed Curb Stop Valve and Curb Stop Box for Regional District Water Connections up to 50 mm in diameter or a shut off valve conforming to AWWA C509 for Regional District Water Connections of 100 mm diameter or larger.
5. All new Regional District Water Connection Curb Stop Valves or shut off valves shall be generally located immediately on the roadway side of the Parcel Property Line.
6. The Regional District shall own and be responsible for any maintenance or replacement of the Curb Stop Box and Curb Stop Valve with the exception of the connection point with the Owner Water Connection which is the responsibility of the Owner.
7. The Regional District does not guarantee the proper function of Curb Stop Valves.
8. The property Owner is responsible for any damage to the Curb Stop Box and Curb Stop Valve caused by the Owner or the Owner's contractors or representatives.
9. If it becomes necessary to do repairs on the Owner Water Connection, any costs incurred shall be the responsibility of the Owner. No work is permitted on the Regional District Water Connection without prior Approval from the Manager.
10. If the source of the leakage, freezing or other condition which causes the interruption of the supply of water cannot be determined, the Owner shall sign a Work Order for investigative Work. If it is determined that the source of the problem is within the Regional District Water Connection or other part of the Regional District Water System, then the Owner will not be charged for the Work. If it is determined that the source of the problem is within the Owner Water Connection then the Owner will be responsible for the investigative Work and any other repairs.
11. If potential high pressures are a concern, the Owner shall be responsible to provide and maintain any required pressure-reducing valves and pressure relief valves.
12. The Owner shall permit access by the Designated Officer upon reasonable notice for inspection of the Owner Water Connection, Meters, Backflow Preventers, fixtures or appurtenances, if the Designated Officer has reasonable reason to believe water is being wasted, there is a leak, there is a Cross Connection or any other contravention of this Bylaw.
13. Owner Water Connections may not be extended to service other Properties.
14. Water connections that pass through private property and service any other private property without looping back to a Regional District Water Main, and without Statutory Right of Way, shall be considered an Owner Water Connection.

### **10.2. Access to the Water System on Public Lands**

1. No person shall enter into any utility structure forming part of a Water Service whether underground or above ground or any utility compound whether it is fenced or not.
2. No person shall obstruct at any time or in any manner the access to any hydrant, valve, Curb Stop or other fixture connected with the Water System or Regional District Water Connection.

3. No person shall obstruct or prevent the Manager or any person authorized by the Manager from carrying out any or all of the provisions of this Bylaw, nor shall any person refuse to grant the Manager or any person authorized by the Manager, permission to inspect any Owner Water Connection at any reasonable time.

### **10.3. Water System Access on Private Lands**

1. Regional District access to the Water System located on private lands ~~shall be done in accordance with Local Government Act Clause 311 (1), Clause 312, Clause 314.1, and Community Charter Section 16 (1) to (5).~~ may occur for the purposes of inspection, installation, maintenance, repair, replacement, or operation of the Water System, and shall be carried out in accordance with the provisions of the Local Government Act and the Community Charter, including applicable requirements respecting notice, timing of entry, and limitations on entry into buildings.

### **10.4. Fire Hydrants and Standpipes**

1. All fire hydrants and standpipes directly connected to Regional District Water Mains are the property of the Regional District.
2. All fire hydrants and standpipes connected to Owner Water Connections are the property of the Owner unless otherwise agreed in writing between the Manager and Owner.

## **11. Water Usage**

### **11.1. General Water Usage**

1. No person shall irrigate land unless irrigation privileges have been assigned by this Bylaw or by the Manager, regardless if Metered.
2. No Owner shall cause or allow Regional District supplied water to be conveyed to any other Property.
3. No person shall commercially sell water from a Regional District of Central Kootenay Water System unless otherwise Approved by the Manager or unless the sale or distribution of water is by a landlord to a tenant or by a condominium corporation to a member and the charge to the tenant or member for water use shall not exceed the amount charged by the Regional District.
4. No change or addition to the number or type of fixtures on a Property, for the purpose of expanding the number of Dwellings, installation of a Swimming Pool, or Commercial or Industrial enterprise, shall be made until an Application is made to the Manager and written permission thereof obtained.
5. No pumps shall be connected to the Water System without Approval of the Manager. Any Owner pumps connected to the Water System shall be subject to conditions imposed by the Manager which may include but is not limited to:
  - a. Pump capacity limitations;
  - b. Pump discharge pressure limitations;
  - c. Pump low suction pressure monitoring and lock out;
  - d. Minimum service size;
  - e. Placement of a Restrictive Covenant on Title, in accordance with Section 219 of the British Columbia Land Title Act;
  - f. Existing pumps may only be replaced with a pump of the same make, model, impeller and speed. Approval of the Manager is required for any changes;
  - g. Approval from other applicable regulatory agencies.
6. Free Flow Bleeders for frost protection or any other purpose are not permitted after December 31, 2016 unless Approved in writing by the Manager.

### 11.2. Temporary Water Usage

1. Temporary water usage may only be approved by the Manager for construction, road maintenance, emergency water supply to other organizations, and community events, such as, but not limited to concerts, festivals and markets.
2. Temporary water users are not required to open an Account but Approval is required from the Manager for water usage.
3. Temporary water users shall provide tamper protection, Backflow Prevention, and or Metering, if required by the Manager.
4. Temporary water usage is subject to Fees and Charges as identified in the Utilities Rates, Fees and Charges Bylaw.
5. A deposit amount payable to the Regional District may be set out in the Utilities Rates, Fees and Charges Bylaw and the deposit may be used to recover any damages to the Water System.
6. Temporary water usage is limited to the water service area when required by the water system's provincially issued water licence.

### 11.3. Water Conservation

1. All Water Systems are subject to seasonal Stage One water conservations measures as identified in Schedule A.
2. The Manager may introduce further Stages of water conservation based on the following criteria and upon receiving due notice of such restriction, no person shall use water for the purposes prohibited by, or in excess of the limits imposed by such restrictions:
  - a. For planned maintenance of pumping and treatment equipment;
  - b. For emergency operating conditions including Water Main breaks, pumping failure, treatment failure, or emergency maintenance activities;
  - c. When emergency water storage levels cannot be maintained;
  - d. ~~For Provincial Drought Level 2 or higher~~ Based on Provincial drought classifications or other indicators as determined by the Manager;
  - e. When water demand reaches or is reasonably expected to reach rated Water System capacity.
3. Due notice of Water Conservation Measures shall be given either by publication in a newspaper circulating within the Regional District, by mail, or by automated email, voice message or mobile device messaging service.
4. No person shall:
  - a. Use water for sprinkling in excess of reasonable requirements;
  - b. Irrigate more than 0.40 Hectares (1 acre) of land per non-Metered Account unless the Account has been classified as Agricultural Land, Golf Course, Institutional or Recreational, and assigned irrigation privileges by the Manager;
  - c. Irrigate more land area than has been assigned irrigation privileges by the Manager;
  - d. Use water at a rate greater than 0.70 litres per second per hectare (0.28 litres per second per acre or 4.5 United States gallons per minute per acre) on Agricultural Land, or for unmetered irrigation on Single Family Dwelling or Multiple Dwelling Properties;
  - e. Use an unattended open pipe or hose for sprinkling purposes.

### 11.4. Once Through Cooling Equipment

1. Once Through Cooling Equipment is not to be permitted to be connected to the Water System after December 31, 2016, unless otherwise Approved in writing by the Manager.

### **11.5. Car Washes**

1. Commercial Carwashes connected to a Regional District Water System shall comply with the following:
  - a. Maximum of 151 liters (40 United States gallons) of Potable Water per average automated Carwash;
  - b. Maintain high pressure wash nozzles and pump systems that use less than 0.19 liters per second (3 United States Gallons per minute).
2. Commercial Carwashes may use recycled water to augment water volume and flow limits.

### **11.6. Water Wastage**

1. No Customer shall allow Regional Districted supplied water to be wasted.
2. Notwithstanding the prohibitions in this Section, the Manager may authorize in writing the discharge of Regional District supplied water for the purposes of:
  - a. health and safety;
  - b. the installation and maintenance of infrastructure, including the flushing of Water Mains, hydrant leads and water service connections;
  - c. preventing the freezing of Water Mains, hydrant leads and water service connections;
  - d. conducting water flow tests;
  - e. installation and testing of permanently installed irrigation systems;
  - f. training programs for fire fighters.

### **11.7. Illegal Water Connections**

1. No person shall make or cause to be made a connection to the Water System without the express written Approval of the Manager.
2. Any Illegal Water Connections shall be removed from the Water System within a reasonable time frame given by the Manager at the expense of the Owner, or the Owner shall make an Application for a Regional District Water Connection and the Owner is subject to all conditions of a new Regional District Water Connection.
3. An Owner is responsible for all Fees and Charges that would have been levied from the time of installation.

## **12. New Servicing and Development**

### **12.1. New Regional District Water Connections**

1. New Regional District Water Connections are subject to Fees and Charges identified in the Utilities Rates, Fees and Charges Bylaw.
2. There shall only be one Regional District Water Connection per Parcel for new Developments, unless a dedicated non-Cross Connected fire service is also required.
3. Given limitations on the availability or pressure of water within some Water Systems, a new Regional District Water Connection may not be permitted if normal operating pressures are anticipated to be below 280 kPa (40.6 psi) or above 700 kPa (101.5 psi) as might be measured at the living floor elevation. The Manager may approve pressures outside this range and impose specific conditions in writing.
4. Regional District Water Connections, Owner Water Connections or Water Mains may not pass through a private Property to service another Property. Exceptions may be made at the discretion of the Manager as follows:
  - a. if the benefiting Property is an existing landlocked Parcel and an Easement Agreement is executed between the properties with the Easement Agreement including the requirement for Regional District Approval for Easement Agreement

- discharge;
- b. if Water Mains and Water Connections are located within a Provincially approved access common lot and all Water Mains and Water Connections within the access common lot are owned by the Property Owners, not the Regional District.
5. Owners are responsible for all costs associated with provision of the Regional District Water Connection including but not limited to:
    - a. Water System assessment to confirm adequate capacity and pressures;
    - b. Extension of Water Mains;
    - c. Roadway and surface restoration costs.
  6. Provision of a new Regional District Water Connection is not guaranteed by the Regional District and an Application may be rejected by the Manager for any reasonable reason, such as but not limited to, inadequate water pressures, inadequate capacity, Water System under boil water notice, geological hazards, unpaid water bills or taxes, zoning or development conditions, or if the connection is not economically feasible.
  7. New Regional District Water Connections shall not run parallel with roadways; rather a new Water Main extension is required. New Water Mains shall be a minimum of 100 millimeter diameter in Water Service Areas without fire protection and 150 millimeter diameter in Water Service Areas with existing or planned fire protection. Water Mains may be larger or smaller in diameter subject to an engineering assessment and Approval by the Manager.
  8. New Water Mains shall have a minimum pressure rating of 1,379 kPa (200 psi) unless otherwise approved by a Professional Engineer or Qualified Person, and the Manager.
  - ~~9. Allowance for new Regional District Water Connections to substandard Water Mains is at the discretion of the Manager and the Manager may require that substandard Water Mains be replaced at the Owners expense.~~ Allowance for new Regional District Water Connections to substandard Water Mains is at the discretion of the Manager. Where condition assessment, hydraulic modeling, or asset management planning identifies a Water Main as substandard, the Manager may require that the Water Main be upgraded or replaced at the Owner's expense as a condition of service.
  - ~~10. A Developer or Owner who is required to replace or extend Water System infrastructure may qualify for a future rebate in accordance with Section 508 of the Local Government Act, and Schedule B: Bylaw No. 2894 Latecomer Charges and Cost Recovery for Excess and Extended Services.~~ A Developer or Owner required to replace or extend Water System infrastructure may be eligible for cost recovery in accordance with the Local Government Act and the Regional District's Latecomer Charges and Cost Recovery provisions, as amended or replaced from time to time.

## 12.2. Water Service Area Extension

1. Inclusion of one or more new Parcels into a Water Service Area is subject to Fees and Charges identified in the Utilities Rates, Fees and Charges Bylaw.
2. Owners are responsible for all costs associated with Water Service Area extension including but not limited to:
  - a. Water System assessment to confirm adequate capacity and pressures;
  - b. Extension of Water Mains;
  - c. Upgrade of treatment, pumping and storage facilities;
  - d. Roadway and surface restoration costs.
3. New Water Mains shall be a minimum of 100 millimeter diameter in Water Service Areas without fire protection and 150 millimeter diameter in Water Service Areas with existing or planned fire protection. Water Mains may be required to be larger or smaller diameter as determined by an engineering assessment and Approved by the Manager.
4. New Water Mains shall have a minimum pressure rating of 1,379 kPa (200 psi) unless

otherwise approved by a Professional Engineer or Qualified Person, and the Manager.

5. All new Water System infrastructure shall be located in road right of ways or Parcels Titled to the Regional District. Location of new Water System infrastructure in Easements or Statutory Right of Ways may only be permitted under special circumstance and requires Approval of the Manager.

### **12.3. Subdivision of a Parcel, Creation of Additional Units, or Changes to Irrigation on an Existing Property**

1. Any Subdivision or addition of Units to a Property within a Water Service Area may be subject to a Capital Infrastructure Charge as defined in the Utilities Rates, Fees and Charges Bylaw.
2. Applications for a new Regional District Water Connection as part of a Subdivision process shall include submission of a Water Servicing Plan to the Manager. The Water Servicing Plan shall include property lines, existing legal lot, block and plan numbers, proposed lot numbers, building location(s), driveways or hard surfaces, sanitary systems and service offsets, other utilities, road names, and the requested location of the water connection(s). Neat sketches may be acceptable from the Owner for small Developments or Subdivisions but the Manager may require drawings issued by a Professional Engineer or Qualified Person for larger Developments or Subdivisions.
3. The Manager may require the Owner to upgrade any existing Regional District Water Connection due to age, to meet current standards or to improve capacity as a condition of Subdivision or as a condition of adding a water serviced addition to a Unit or additional water serviced Units to a Property.
4. There shall only be one Regional District Water Connection per Parcel for Redevelopments, unless a dedicated non-Cross Connected fire service is also required, or unless deemed beneficial to the Water System by the Manager to have more than one connection.
5. If the Owner does not initiate construction of the required Water System within one year after the date of the subdivision approval, the Regional District may enter upon the subdivided lands to complete the installation of the required Water System at the expense of the Owner.

### **12.4. Multiple Dwelling Property Developments**

1. Owners of a proposed Multiple Dwelling Property Development wishing to connect to a Regional District Water Service shall, prior to the start of any construction, submit a Water Servicing Plan to the Manager for Approval. The Water Servicing Plan shall include property lines, existing legal lot, block and plan numbers, proposed lot numbers, building location(s), driveways or hard surfaces, sanitary systems and service offsets, other utilities, road names, and the requested location of the water connection(s). Neat sketches may be acceptable from the Owner for small Developments or Subdivisions but the Manager may require drawings issued by a Professional Engineer or Qualified Person.
2. The Manager may require the Owner to upgrade any existing Regional District Water Connections due to age, to meet current standards or to improve capacity as a condition of Development.

### **12.5. Existing Water Mains and Service Connections on Private Land**

1. Existing Water Mains and service connections that cross private Property to service another Property shall be relocated in road right of ways or Parcels Titled to the Regional District during new Developments, Redevelopments or property line boundary adjustments, unless otherwise approved by the Manager, and a Statutory Right of Way

or Easement Agreement is provided for existing Water Mains and service connections.

#### **12.6. Work Completed by Others**

1. Work on Regional District Water Systems or installation of water infrastructure that is to become part of a Regional District Water System shall be completed by the Regional District or the Regional District's contractor unless done under written agreement between the Regional District and Developer.
2. The Developer is responsible for but not limited to the following when any infrastructure installed by the Developer is to be owned by the Regional District:
  - a. Securing all required permits, including but not limited to an Interior Health Issued Construction Permit, Ministry of Transportation and Infrastructure Provincial Public Highway Permit, Development Permits, Building Permits, and Plumbing Permits;
  - b. Provision of "issued for construction drawings" and "plan of record drawings" provided by a Professional Engineer or Qualified Person;
  - c. Provision of project costs by a Qualified Person.
  - d. All materials shall meet applicable American Water and Wastewater Association standards, Canadian Standards Association standards, NSF standards, and designs and construction standards shall meet the satisfaction of the Regional District and applicable Regulatory agencies;
  - e. Provision of a deposit with the Regional District in the form of an unconditional, irrevocable letter of credit, a bank draft drawn on a chartered bank in Canada, or cash in the value of 20% of the estimated cost of the water infrastructure, and for a term to the time of not less than to the issuance of a Certificate of Total Performance by the Regional District; and
  - f. Securing and maintaining commercial general liability insurance against claims for bodily injury, death or property damage arising out of this Agreement or the construction of the water infrastructure in a form acceptable to the Chief Financial Officer of the Regional District, in the amount of \$5,000,000 per occurrence.
3. The Developer shall provide the following warranty on any infrastructure installed by a Developer that is to be owned by the Regional District:
  - a. One year from the time of issuance of a Certificate of Total Performance by the Regional District for any water infrastructure.
  - b. Two years from the time of issuance of a Certificate of Total Performance by the Regional District for any landscaping.
  - c. The cost of all work required to repair any defects or deficiencies shall be at the expense of the Developer during the warranty period.

### **13. Cross Connection Control and Backflow Prevention**

#### **13.1. Cross Connection Control Requirement and Classification**

1. As a condition of Approval of service:
  - a. The property owner must have a cross connection control device already installed as part of the plumbing system on their property in accordance with and when required by the Plumbing Code; or
  - b. Where a cross connection control device is not part of the owner's plumbing system, a cross connection control device must be installed outside of the property line on the Regional District Water Connection when require by the Manager.
2. No person shall cause or permit to continue a Cross Connection to a Regional District Water system or a connection between a Regional District Water System and another source of water.
3. When required by this Bylaw, Backflow Prevention shall be required to be installed on

the public side of a Water Connection only at the following times:

- a. During Developments or Redevelopments, at the Owner's expense;
  - b. When an Owner does not mitigate a Severe Hazard, at the Owner's expense;
  - c. When metering in a meter pit is required; or
  - d. During Water System metering implementation programs.
4. All new meter pits shall include Dual Check Valves for all Single Family Dwelling properties, Multiple Dwelling properties and Minor Cross Connection Hazard properties.
  5. All new Regional District owned meter pits shall have Double Check Valve Assemblies for Moderate Cross Connection Hazard properties and potential Severe Cross Connection Hazard properties.
  6. Property Owners with a Severe Cross Connection Hazard not protected by a Reduced Pressure Principle Backflow Preventer or Air Gap, approved by a Qualified Person, shall immediately eliminate the Severe Cross Connection Control Hazard or be subject to immediate water Turn Off by the Regional District.
  7. Property Owners with a potential Severe Cross Connection Hazard shall install a Reduced Pressure Principle Backflow Preventer or Air Gap on their property, approved by a Qualified Person.
  8. Backflow Prevention is ~~not~~ required in Water Systems under long-term Boil Water Notice.
  9. Backflow Prevention, when required, shall be selected and installed by a Qualified Person in accordance with CSA B64.10-11.
  10. No person shall remove or modify a Backflow Preventer unless a Qualified Person.
  11. Buildings or facilities in a Regional District Water System may be classified as being a Minor, Moderate or Severe Cross Connection Hazard by the Manager in accordance with CSA B64.10-11.
  12. All new Regional District Water Connections or Redevelopments servicing four or more Units, including Dwellings, shall be considered at least a Minor Cross Connection Hazard.
  13. All new Regional District Water Connections or Redevelopments in potable Water Systems with no residual disinfection protection and with a building or facility identified as being a Minor Cross Connection Hazard shall have a Property Isolation Dual Check Valve or Double Check Valve Assembly as Approved by the Manager.
  14. All new Regional District Water Connections or Redevelopments in all Water Systems with a building or facility identified as being a Moderate or Severe Cross Connection Hazard shall have Property Isolation Backflow Prevention as specified by a Qualified Person and as Approved by the Manager.
  15. All new Regional District Water Connections on parcels of land 0.40 hectares (1 Acre) or larger, when also required to be metered, shall have Property Isolation Backflow Prevention, as specified by a Qualified Person and as Approved by the Manager.

### **13.2. Owner Responsibilities**

1. When an Owner's Premises Isolation Backflow Preventer protecting a Moderate or Severe Cross Connection Control Hazard is found to not be in proper working condition, the condition shall be reported to the Regional District by the Customer or Owner and the Backflow Preventer shall be repaired or replaced by the Owner within 5 working days.
2. When an Owner's Premises Isolation Backflow Preventer protecting a Minor Cross Connection Control Hazard is found to not be in proper working condition, the condition shall be reported to the Regional District by the Customer or Owner and the Backflow Preventer shall be repaired or replaced by the Owner within 30 days.

### 13.3. Backflow Preventer Ownership

1. Backflow Preventers installed on the Owner's Property shall be owned by the Property Owner and shall be installed, maintained and tested at the Owner's expense.
2. Backflow Preventers when required to be installed on a Regional District Water Connection for new Regional District Water Connections or Redevelopments shall be installed at the Owner's expense.
3. Backflow Preventers when required to be installed on a Regional District Water Connection due to Cross Connections created by portable equipment connected to the water system by a Property Owner or their representatives shall be installed at the Owner's expense.
4. Backflow Preventers installed on the Regional District Water Connection shall be owned by the Regional District and shall be maintained and tested by the Regional District.

### 13.4. Backflow Preventer Testing and Inspection

1. Backflow Preventers that are owned by the Owner and that are protecting against Moderate or Severe Cross Connection Hazards shall be tested by a British Columbia Water and Wastewater Association certified Cross Connection Control Tester as follows:
  - a. Upon installation;
  - b. When cleaned, repaired, or overhauled;
  - c. When relocated; and
  - d. Every three years.
2. Owners shall maintain a record of Backflow Preventer Inspection and testing results on the Property and shall provide a copy of these records to the Regional District upon request.
3. Testable Backflow Preventers shall have an Approved testing tag affixed to the device by a British Columbia Water and Wastewater certified Cross Connection Control Tester.

## 14. Water Meters

### 14.1. Water Meter Requirement

1. Any new Regional District Water Connections or Redevelopment with Regional District Water Connection greater than 25 mm shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
2. All new Regional District Water Connections or Redevelopments servicing, Commercial properties, Industrial properties, Institutional properties, golf courses, Agricultural Land, and recreation facilities, excluding home based businesses, shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
3. All new Regional District Water Connections or Redevelopments servicing four or more Units, including Dwellings, shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
4. All Regional District Water Connections in the Lucas Road, Balfour Water System, Grandview Water System, ~~and~~ Rosebery Water System, ~~and~~ [Erickson Water System](#) shall be Metered.
5. All existing Properties with Approved Free Flow Bleeders shall be Metered, unless otherwise identified in a Board approved metering plan.
6. Owner Water Connections that cross a privately owned Property to service another Property unless otherwise exempted by the Manager in writing, shall have a Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
7. All existing ~~Multiple Dwelling Properties~~, Commercial properties, Industrial properties, Institutional properties, golf courses, Agricultural Land, and recreation facilities shall

- have a Meter installed by the Owner ~~by December 31, 2024~~, unless otherwise identified in a Board Approved metering plan.
8. The Manager may at any time require that a Meter be installed or relocated by the Owner on Water Connections where there is reasonable cause to suspect a high water demand or where water usage cannot be easily determined.
  9. No un-Metered water may be used on a Metered Property without the written Approval of the Manager.
  10. The following Water Connections shall not require a Water Meter:
    - a. Fire water connections which are not used for any other purpose; and
    - b. Such other connections where, in the opinion of the Manager, it is impractical to install a Water Meter.
  11. If an Owner requests and the Manager Approves an increase or decrease to the amount of irrigation privileges assigned or an increase or decrease to the assessed Agricultural Land Charge, a water meter will be required and the Owner shall be responsible for the installation costs of a Water Meter and related appurtenances, if the amount of assessed assigned irrigation privileges or assessed Agricultural Land Charge results in more than one acre and less all the lands.
  12. For the purposes of meter installation, maintenance, repair, or replacement, the Regional District may enter onto real property in accordance with the statutory authority granted under Section 290 of the Local Government Act and Section 16 of the Community Charter. Entry shall be at reasonable times and with reasonable notice to the Owner or Occupier.
  13. The Regional District shall take reasonable steps to restore any areas of private property disturbed during meter installation to their original condition, including regrading, reseeding, or replanting grassed areas or placing sod, unless otherwise agreed with the Owner. Restoration shall not include replacement of ornamental landscaping or private structures unless damaged due to negligence.
  14. Except where required under Section 292 of the Local Government Act, the Regional District shall not be responsible for compensation to Owners for the installation of water meters or related infrastructure located at or near the Property Line, provided reasonable restoration is completed.
  - 14.15. Where the installation of a water meter or associated works must occur significantly beyond the Property Line or encumbers the use of private property in a substantial or ongoing manner, the Regional District may require a Statutory Right of Way to be granted by the Owner prior to installation.

#### **14.2. Metering Equipment**

1. Water Meters and equipment shall be selected and installed in accordance with requirements identified by the Manager.
2. All new Meter installations shall be located at or near the Property Line and may be installed within an Approved Meter Pit on the Owner's property, where necessary due to site constraints, right-of-way limitations, or service line alignment. The Regional District may enter onto private property for this purpose in accordance with the Local Government Act. All new Meter installations shall be located at Property Line and shall be installed in an Approved Meter Pit at the Owner's expense, unless otherwise identified in a Board approved metering plan.
3. The size of all Meters installed shall be Approved by the Designated Officer and will not necessarily conform to the size of the service pipe installed but will be based on the estimated rate of consumption.
4. All Water Meters with a bypass shall have a seal on the bypass.
5. If a Property Owner fails to provide access to an existing Meter, a new Meter may be

installed on the Regional District Water Connection at the Owner's expense.

**14.3. Customer Responsibility and Notification Requirements**

1. The Customer shall protect any Water Meter, valves, or pipes located on the Property from freezing, excessive heat, overheating of water, external or internal damage of any kind, or any other thing which may affect the operation of the Water Meter or Meters.
2. If a bypass seal is broken, the Customer shall notify the Designated Officer within twenty-four (24) hours of knowledge of the broken seal.
3. If a Water Meter is damaged, the Customer shall notify the Designated Officer within twenty-four (24) hours of knowledge of the damaged meter.
4. No Person shall:
  - a. Interfere with or tamper with the operation of any Water Meter or remote reading device; nor
  - b. Open a bypass valve on a Water Meter or metering installation except in the case of an emergency.

**14.4. Water Meter Costs and Ownership**

1. Water Meters located on Owner Water Connections shall be installed at the Owner's expense, unless installed as part of a Regional District metering program, and shall be the property of the Regional District.
2. If a Water Meter is removed or stolen, the Owner shall be responsible for the cost of replacing the Water Meter including installation.
3. If a Water Meter is damaged or tampered with, the Owner shall be responsible for the cost of repairs or replacement.
4. The Regional District shall be responsible for Water Meter maintenance, repair and replacement due to normal wear and tear, and life expectancy.
5. If a Water Meter is required by the Owner to be relocated, all costs associated with the Meter relocation shall be the responsibility of the Owner.

**14.5. Meter Testing**

1. The Owner may request that a Water Meter be tested for accuracy, and the cost of any such test shall be at the expense of the Regional District if the Water Meter is found to be inaccurate in excess of two (2%) percent of actual flow. The test shall be at the Owner's expense if the Water Meter is found to be accurate within two (2%) percent of actual flow.
2. The Manager may require a water meter to be tested for accuracy, and the cost of any such test shall be the expense of the Regional District.

**14.6. Meter Readings**

1. The Manager shall establish the frequency of regular Meter reading.
2. The Manager may require that a Meter be read at any time.
3. Customers shall provide Meter reading(s) when requested by the Manager.

**15. Offences and Penalties**

1. Any person who contravenes this Bylaw or other requirements made or imposed under this Bylaw or amendments thereto is guilty of an offence and is liable to a fine not exceeding \$2,000.
2. Where an offence is committed or continues for more than one day, a person shall be deemed to have committed separate offences for each day on or during which an offence occurs or continues, and separate fines, each not exceeding \$2,000, may be imposed for each day on or

during which an offence occurs or continues.

3. Nothing in this Bylaw shall restrict the Regional District of Central Kootenay from utilizing any other remedy that would otherwise be available to the Regional District of Central Kootenay at law.

## 16. Citation

This Bylaw may be cited as Regional District of Central Kootenay Water Bylaw No. 2894, 2023

## 17. Repeal

**Water Bylaw No. 2824, 2022**, and amendments hereto, are hereby repealed.

READ A FIRST TIME this 20<sup>th</sup> day of April, 2023.

READ A SECOND TIME this 20<sup>th</sup> day of April, 2023.

READ A THIRD TIME this 20<sup>th</sup> day of April, 2023.

ADOPTED by an affirmative vote of at least 2/3 of the votes cast this 20th day of April, 2023.

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Aimee Watson, Board Chair

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Mike Morrison, Corporate Officer

**SCHEDULE A: BYLAW NO. 2894  
WATER CONSERVATION MEASURES**

Stage 1 Water Conservation Measures go into effect every year regardless of seasonal weather patterns. These measures are in effect from June 1<sup>st</sup> to September 30<sup>th</sup>. The Regional District may, upon notification, impose further water conservation measures (Stages 2-4) as necessary.

Activity	Mandatory Restrictions			
	Stage 1	Stage 2	Stage 3	Stage 4
<b>Watering of lawns</b>	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited	Prohibited
<b>Watering of new lawns</b> (seed within 45 days and sod within 21 days of installation)	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited (Except where permitted by the Manager)
<b>Watering of gardens, trees and shrubs</b> (excluding watering of commercial agricultural products on Agricultural Land)	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited
<b>Outdoor water usage during power outages greater than 1 hour</b>	Prohibited	Prohibited	Prohibited	Prohibited
<b>Watering of Commercial Agricultural Products</b> (production and sales)	Permitted	Permitted	Permitted	Permitted (Voluntary Conservation)
<b>Wash down</b> (sidewalks, walkways, driveways, exterior building surfaces, window, vehicles or other outdoor surface)	Permitted	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited (Except where critical for health and safety, and business operations)	Prohibited (Except where critical for health and safety)
<b>Filling of fountains or other decorative features</b>	Permitted	Prohibited (Except where permitted by the Manager)	Prohibited	Prohibited
<b>Filling of outdoor hot tubs and/or wading pools.</b>	Permitted	Permitted	Prohibited	Prohibited
<b>Filling of swimming pools</b>	<b>ONLY</b> between the hours 8 pm - 7 am	Prohibited (Except where permitted by the Manager)	Prohibited	Prohibited
<b>Dwelling water consuming appliances such as washing machines and dishwashers</b>	Permitted	Permitted	Permitted (Voluntary Conservation)	Permitted (Voluntary Conservation)
<b>Large commercial water use such as laundromats, washers, carwashes, etc.</b>	Permitted	Permitted	Permitted (Voluntary Conservation)	Permitted (Voluntary Conservation)

**SCHEDULE B: BYLAW NO. 2894**  
**LATECOMER CHARGES AND COST RECOVERY FOR EXCESS AND EXTENDED SERVICES**

**PURPOSE**

The purpose of this Schedule is to provide a form of authorization for staff on how to process Latecomer Agreements and associated Latecomer Charges within water systems owned and operated by the Regional District of Central Kootenay.

A Latecomer Agreement is executed between a Developer and the Regional District when Latecomer Charges are owed to a Developer for off-site infrastructure they have installed that benefit other lands within the water system. Identified Benefitting Lands in the Latecomer Agreement pay calculated Latecomer Charges to the Regional District at the time of a new water service request. The collected Latecomer Charges are reimbursed to the Developer for a set term.

Any modifications to this Schedule must be approved by the Regional District Board.

**SCOPE**

This schedule applies in situations where a developer wishes to install water infrastructure that is to become part of a Regional District water system that is deemed as Excess or Extended services.

**DEFINITIONS**

**Benefitting Land** means lands that benefit from an extended service within a Regional District water system boundary.

**Development Agreement** means an agreement executed between the Developer and the Regional District that outlines the requirements for installation of water infrastructure by the Developer that is to become part of a Regional District water system.

**Excess Service** means the oversizing built into the water system in order to provide excess capacity to service properties other than the land being developed.

**Extended Service** means the water system infrastructure that is being installed by a developer to service their development, but which also extends the immediate capability of water servicing to other properties.

**Latecomer Agreement** means the executed Latecomer Agreement as the legally binding contract between the Developer and the Regional District.

**Latecomer** means the registered owner of lands benefitting from the construction of the extended services.

**Latecomer Charge** means a charge imposed on the benefitting lands which will be collected by the Regional District as a condition of a latecomer connecting or using extended services.

**Substantial Completion** means the extended or excess service work is sufficiently complete in accordance with the Development Agreement to the point that it may be used for its intended purpose.

**1 General Administration**

Latecomer charges apply to Excess or Extended water services required as part of the subdivision, development process, or building permit process within a Regional District owned water system. The Latecomer Agreement Application submitted by the Developer is reviewed and approved by the Manager.

The Regional District may pay the cost of oversizing or extending of water services subject to funding availability and Board approval. The Developer shall not be eligible for Latecomer Charge benefits for any over sizing or additional component of water service extension paid for by the Regional District.

Benefitting lands are limited to:

- a. Parcels fronting the Excess or Extended services, or parcels fronting public roads where future water main extensions from the Excess or Extended services is feasible;
- b. Parcels that would achieve normal operating pressures as outlined in Bylaw 2894, as amended or replaced; and
- c. Parcels within the existing water system boundary.

A parcel with an existing service connection will be reconnected to the new service without a Latecomer Charge applied. Parcels with on-site servicing, such as a well, will not be entitled to this free connection.

Latecomer charges do not apply to offsite works and services which are voluntarily installed by a Developer or where the Developer has waived their right to collect latecomer charges.

Interest on Latecomer Charges shall be calculated annually at 1% and payable for the period beginning on date of Substantial Completion, up to the date that the benefitting lands water service is made.

Building and/or Development permits pursuant to the Subdivision and Development Bylaws will not be issued for works and services which are the subject of a latecomer charge until the Latecomer Agreement and the Development Agreement have been executed.

Before the Regional District will execute a Latecomer Agreement with the Developer, the Developer must pay an application administration fee to the Regional District in the amount prescribed in the Water Utility Rates, Charges, and Charges Bylaw [28253027](#), as amended or replaced.

The term for the Latecomer Agreement will be set for the 10<sup>th</sup> anniversary of the Substantial Completion date, with no opportunity for extension.

**2 Procedure**

Staff is to establish and maintain procedures for process, approval, administration, collection, and reimbursement of Latecomer charges.

**3 Authority for Execution**

Latecomer Agreement contracts must be authorized by the General Manager of Environmental Services with the approval of the Chief Administrative Officer.

**4 Related Legislation**

*Local Government Act* Part 14 – Planning and Land Use Management Section 508.





**REGIONAL DISTRICT OF CENTRAL KOOTENAY  
WATER BYLAW NO. 3078, 2026**

**ADOPTED April \_\_\_\_\_, 2026**

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**SCHEDULES**

**SCHEDULE A: WATER CONSERVATION MEASURES**

**SCHEDULE B: LATECOMER CHARGES AND COST RECOVERY FOR EXCESS AND EXTENDED SERVICES**

**REGIONAL DISTRICT OF CENTRAL KOOTENAY**

**BYLAW NO. 3078**

---

A Bylaw to regulate the terms and conditions under which water from the Regional District of Central Kootenay Water Systems may be supplied, used and regulated.

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WHEREAS the Regional District of Central Kootenay wishes to regulate the terms and conditions under which water from the Regional District of Central Kootenay Water Systems may be supplied, used and regulated.

NOW THEREFORE the Board of the Regional District of Central Kootenay, in open meeting assembled, HEREBY ENACTS as follows:

**1. Bylaw Title**

This Bylaw is applicable to all Water Service Areas of the Regional District of Central Kootenay of the Regional District of Central Kootenay.

**2. Application of Bylaw**

This Bylaw applies to all Water Service Areas of the Regional District of Central Kootenay.

**3. Severability**

If any portion of this Bylaw is for any reason held to be invalid by the decision of any court of competent jurisdiction, that portion may be severed from the Bylaw and such decision shall not affect the validity of the remaining portions of the Bylaw.

**4. Definitions**

In this Bylaw:

**Account** means a formal arrangement under this Bylaw for the provision of water services to a Property.

**Account Holder** means the person, organization, agent or representative that holds the water Account with the Regional District of Central Kootenay.

**Account Type** means the predominate usage of the Account such as but not limited to: Single Family Dwelling, Multiple Dwelling Property, Commercial, Industrial, Institutional, Agricultural, and Recreational.

**Agricultural Land** means the land where agricultural irrigation privileges have been assigned by the Manager.

**Air Gap** means the unobstructed vertical distance through air between the lowest point of a water fixture and the flood level rim of the fixture or device into which the outlet discharges.

**Approved/Approval** means approved by the Manager.

**Auxiliary Building or Dependent Suite** means a secondary or supplementary building or Unit that does not include all of cooking, eating, living, sleeping and sanitary facilities. An Auxiliary Building or Dependent Suite intended for habitation would be reliant on the main Dwelling.

**Backflow** means the flowing back or reversal of the normal direction of flow.

**Backflow Prevention / Preventer** is a method or device used to prevent Backflow that is selected and installed in accordance with the Plumbing Code, and CSA B64.10-11.

**Boil Water Notice** means the Notice issued by the Regional District or Interior Health when water provided by a Water System or portion of a Water System is considered non-potable due to potential health risk.

**Board** means the Regional District of Central Kootenay Board of Directors.

**Capital Infrastructure Charge** means a fee levied that is placed into reserves as a contribution to the cost of existing water infrastructure, upgrades and long term asset renewal.

**Carwash** means a building or structure containing facilities for washing motor vehicles, including but not limited to tunnel car washes, coin operated automatic car washes and coin operated self-service car washes.

**Certificate of Total Performance** means a certificate issued by the Regional District indicating that water infrastructure has been designed, installed, tested, and commissioned to the satisfaction of the Regional District.

**Commercial** means any Unit for which the use is the provision for the selling of goods and services, for the servicing and repair of goods or for commercial office functions, including but not limited to retail sales, wholesaling incidental to retail sales, commercial education and entertainment services, household services and all associated repairs, other personal and non-personal services and administrative, commercial and professional offices.

**Commercial Carwash** means a Carwash used or operated by a Commercial or Industrial business.

**Cross Connection** means any physical arrangement whereby the Water System is connected, directly or indirectly, with any potable, non-potable or un-Approved private water supply system, sewer drain, conduit, well, pool, irrigation system, storage reservoir, plumbing fixture, or any other device which contains, or may contain, contaminated water, liquid, gases, sewage, or other wastes, or unknown or unsafe water quality which may be capable of imparting contamination to the water supply as a result of Backflow.

**CSA B64.10-11** means Canadian Standards CSA B64.10-11, Selection and Installation of Backflow Preventers, November 2011, or the latest version thereof.

**Curb Stop Valve** means the valve owned by the Regional District generally placed on the water service at the Property Line to control the flow of water to a lot.

**Curb Stop Box** means the hollow metal tube that runs from the Curb Stop Valve to the cap. The Curb Stop Box includes the operating stem and the box cap.

**Customer** means the Owner or occupant of any Property to which water is supplied or made available from the Regional District.

**Designated Officer** means an employee of the Regional District or an authorized representative as designated in writing by the Manager.

**Developer** means the Owner of a Development.

**Development** means the Subdivision of land, new construction of buildings, structures, utilities or any use that requires the issuance of a building permit, plumbing permit, development permit, or Interior Health construction permit issued in accordance with the *Drinking Water Protection Act*, or the development of irrigated land.

**Disconnection** means physically turning off the water to an Owner's Property and adjusting the Owner's Account accordingly.

**Drip Irrigation** means an irrigation method that saves water by allowing water to drip slowly to the roots of plants, either onto the soil surface or directly onto the root zone, and uses less than 7.6 liters per hour (2 United States gallons per hour) at less than 138 kPa (20 psi). This does not include soaker hoses, weeper hoses or micro-sprayers.

**Double Check Valve Assembly** mean a Backflow Prevention devise meeting Canadian Standards CSA B64.5.

**Dual Check Valve** means a Backflow Prevention devise meeting Canadian Standards CSA B64.6.

**Dwelling** means any living quarters used or has the potential to be used by one or more persons which contains cooking, eating, living, sleeping and sanitary facilities.

**Easement** means a right to the use of land, or a right to restrict the use of land. See also Statutory Right of Way.

**Fees and Charges** means the fees and charges set out in the *Fees and Charges Bylaw*.

**Fees and Charges Bylaw** means the Utilities Rates, Fees, and Charges Bylaw No. 3027, 2025 as may be amended or replaced from time to time.

**Folio** means a land identification number assigned by British Columbia Assessment and is used for Property tax purposes. Folio is synonymous with Assessment Roll Number. A Folio in this Bylaw may describe one or more Parcels grouped under one British Columbia Assessment Folio.

**Free Flow Bleeder** means a Freeze Protection Device that allows the discharge of bleed water continuously.

**Freeze Protection Device** means any Approved device to prevent the freezing of the water service.

**Illegal Water Connection** means any water connection that was made without the Manager's Approval under the Bylaw or other legal authority.

**Industrial** means businesses including but not limited to airports, aggregate processing, asphalt plants, bulk fuel storage, concrete plants, fabrication plants, manufacturing, processing, sawmills, and truck terminals.

**Institutional** means activities focusing on non-profit services in the public's interest. For example, schools, hospitals, group foster homes, and buildings used for religious worship.

**Irrigation** means the distribution of water to the surface or subsurface of lawns, gardens, vineyards and orchards, greenhouses by pipes, hoses, sprinklers or any other method.

**Manager** in this Bylaw, unless the context otherwise requires, means the Regional District of Central Kootenay General Manager of Environmental Services, the Water Operations Manager, Utility Services Manager or designate.

**Manufactured Home** means any structure, whether ordinarily equipped with wheels or not, that is designed, constructed or manufactured to be moved from one place to another by being towed or carried, and that is used as a Dwelling.

**Meter** means water meters, remote reading device, wire and other equipment or instruments used by the Regional District or authorized by the Regional District to be used to calculate the amount of water consumed, and other related appurtenances.

**Meter Pit** means a below-grade or at-grade enclosure, typically located near the Property Line, that houses a Water Meter and associated appurtenances, including but not limited to valves, fittings, backflow prevention devices, remote reading equipment, and insulation, and forms part of the Regional District Water Connection where installed by or authorized by the Regional District.

**Mobile Housing Unit** is any type of living accommodation that has been produced to be transported or is a mobile unit such as a ship, boat, recreational vehicle, Manufactured Home and so on, and occupied as living quarters.

**Minor Cross Connection Hazard** means any type of Cross Connection or potential cross-connection that involves a substance that constitutes only a nuisance and that results in a reduction in only the aesthetic qualities of the water.

**Moderate Cross Connection Hazard** means any Minor Cross Connection Hazard that has a low probability of becoming a Severe Cross Connection Hazard.

**Multiple Dwelling Property** means any Property containing more than one Dwelling Unit on one Folio.

**Occupancy Permit** means a permit issued by the Regional District indicating a building or structure is in compliance with applicable building codes and is suitable for occupancy.

**Once Through Cooling Equipment** means cooling, air conditioning or refrigeration systems in buildings, building systems and equipment, which rely upon the temperature of the water for

cooling purposes and deliver water to a drain or other discharge facility without having recycled that water.

**Owner** has the same meaning as in the British Columbia *Land Title Act* and *Manufactured Home Act*.

**Owner Water Connection** means the Owner's water lines and appurtenances downstream of the Regional District Water Connection.

**Parcel** means the unit lot, block or other area in which land is registered under the British Columbia *Land Title Act*.

**Plumbing Code** means the British Columbia *Plumbing Code, 2012*, as it may be amended or replaced from time to time.

**Property** means land and improvements.

**Property Isolation** means Cross Connection protection provided at the entrance to a Property on the Regional District Water Connection.

**Property Line** means a line which defines, in the British Columbia Land Title Office, the perimeter of a Parcel.

**Provincial Drought Level** means drought levels defined and issued by the Province of British Columbia.

**Qualified Person** means a person who has a recognized degree, certificate, or professional standing related to subject matter.

**Recreational** is land primarily used for public recreation and includes but is not limited to not for profit: golf courses, parks, sports fields, gymnasiums, playgrounds, parks, green areas, beaches and camping sites.

**Reconnection** means physically turning on the water and reestablishing or adjusting an Account as required.

**Redevelopment** means the alteration or extension of existing buildings, structures, utilities or any use that results in a significant change in water usage and requires the issuance of a building permit, plumbing permit, development permit or Interior Health construction permit, or the redevelopment irrigated land.

**Reduced Pressure Principle Backflow Preventer** means a Backflow Prevention device meeting Canadian Standards CSA B64.4.

**Regional District of Central Kootenay or Regional District or District** means the Regional District of Central Kootenay, as described under the British Columbia *Local Government Act* with offices located at 202 Lakeside Drive, Nelson, BC V1L 5R4 Phone: 250-352-6665 or toll free number 1-800-268-7325 and Fax: 250-352-9300.

**Regional District Water Connection** means the water line extending from the Water Main to the Curb Stop Valve, generally near the Property Line and shall include any immediate downstream Meter installation, or Backflow Preventer.

**Severe Cross Connection Hazard** means any type of Cross Connection or potential Cross Connection involving water that has additives or substances that can create a danger to health.

**Single Family Dwelling** means a building or structure that contains only one Dwelling.

**Statutory Right of Way** means the grant of a right of way under Section 218 of the British Columbia *Land Title Act*.

**Subdivision** means a subdivision as defined in the British Columbia *Land Title Act*, and a subdivision under the British Columbia *Strata Property Act*.

**Subdivision Bylaw** means the *Subdivision Bylaw No. 2159* as it may be amended or replaced from time to time.

**Swimming Pool** means any permanent or semi-permanent artificial pool for swimming in.

**Title (Land Title)** refers to the registration of land ownership in accordance with the British Columbia *Land Title Act*.

**Turn On/Off** means a temporary interruption in or discontinuance of the supply of water authorized by the Regional District.

**Unit** means any Dwelling, Commercial, Industrial, or Institutional space.

**Water Conservation Measures** means any measures implemented by the Manager to restrict water usage.

**Water Main** means any water pipe under the control of the District which is intended for public use.

**Water Meter** see Meter.

**Water Service Area** means the area defined by the Water System service area establishment bylaw.

**Water Service Area Extension** means the extension of the Water Service Area boundary by bylaw to include one or more additional parcels of land.

**Water System** means all Regional District owned assets like Water Mains, water treatment facilities, pump stations, reservoirs, wells, water intakes and all associated appurtenances used in the provision of Water Services.

**Water Servicing Plan** means a plan that details the proposed Development or Subdivision as it relates to water servicing.

**Work** means construction, maintenance, inspection or testing services provided for an Owner.

**Work Order** means a written order on an Approved form providing agreement by a Owner to proceed with Work identified on the form for which the Owner will be responsible for costs incurred by the Regional District in accordance with the Utilities Rates, Fees and Charges Bylaw.

## **5. Administration**

1. The Manager is hereby authorized and directed to have general supervision over the Regional District of Central Kootenay Water Systems and to see that the provisions of this Bylaw are carried out.
2. The Manager shall have the power to appoint Designated Officers for the purpose of effectually carrying out the provisions of this Bylaw, and wherever the Manager is authorized or directed to perform any act or duty under this Bylaw, such act or duty may be performed by any Designated Officer authorized by the Manager to perform such act or duty.

## **6. Liability**

1. Nothing contained in this Bylaw shall be construed to impose any liability on the Regional District to service any person or Property or to give a continuous supply of water to any person or Property.
2. The Regional District shall not be liable for the failure of the water supply in consequence of any accident or damage to the Water System, or to excessive pressure or lack of pressure, or any interruption of service.
3. The Regional District does not guarantee provision of minimum or maximum service pressures or minimum flow rates.
4. The Regional District shall not be liable for deposition of sediment, mineral build up, staining or corrosion in the Owner Water Connection or Owner's water system.

## **7. Operation of the Water System**

1. No person, except a Designated Officer, or authorized contractor of the Regional District, or a member of a Regional District fire department shall operate any hydrant, standpipe or valve that forms part of the Water System or use any water therefrom, without written Approval of the Manager.
2. No person shall destroy, injure or tamper with any hydrant, or other fixture of the Water System and no person shall in any manner interfere or meddle with the Regional District Water Connection or Water System, or make any additions or alterations to the Water System or any Regional District Water Connection, or Turn On or Turn Off any Curb Stop, service valve or gate valve that forms part of the Water System without written Approval of the Manager, and damages incurred will be repaired by the Regional District at the person's expense.

## **8. Applications**

1. An application is required for a new Owner Water Connection, Account, Disconnection or Reconnection and shall be made on the application form provided by the Manager.
2. An application is required for a change of Account Type or a significant change of water usage that would result in a change in billing.
3. Application for new Owner Water Connections or Account, or change of Account Type or water use will only be accepted from the Owner.
4. An application in writing is required to the Manager for temporary water usage for such things as construction, road maintenance, and events.

5. New Water Connections, changes to existing Water Connections, temporary water usage, and Account changes require Manager Approval.
6. New Developments, including phased Developments, and Redevelopments with Regional District water servicing greater than 10 Units, have potential water demands greater than equivalent to 10 Single Family Dwellings, add 2.0 hectares (5 acres) or more of Irrigation, increase number of connections or Customers by 10% or more, or have the potential to increase water system demand by 10% or more, shall require Regional District Board approval.
7. Developments and Redevelopments smaller than that identified in Clause 8.6 shall require only Manager Approval.

## **9. Disconnection and Water Shut-Off**

### **9.1. Water Turn Off**

1. An Owner may apply for water Turn Off.
2. The Regional District may Turn Off or Disconnect the water service to any Property, group of Properties or Water Service Area for any of the following reasons, and the Regional District shall not be liable for damages by reason of discontinuing water service:
  - a. Unnecessary or wasteful use of water, or violation of regulations concerning watering or sprinkling;
  - b. Non-payment of Fees and Charges, repair charges or other miscellaneous charges;
  - c. Failure to replace or repair defective pipes, fittings, valves, tanks or appliances which are leaking or are otherwise not in a good state of repair and which are or may become a cause of waste of water;
  - d. Failure to allow access for inspection of any reasonably assumed contravention of this Bylaw;
  - e. Failure to allow access for a Meter installation, Work, inspection, testing or reading;
  - f. Failure to allow access for Backflow Preventer installation, inspection, or testing;
  - g. Water System maintenance or repairs;
  - h. Inadequate source water supply or disruption;
  - i. Concerns with water quality;
  - j. For violation of any of the provisions of this Bylaw.
3. Except under emergency situations, reasonable notice is required before Shut Off or Disconnection of the Regional District Water Connection. Reasonable notice shall consist of at least 48 hours' notice.

### **9.2. Application to Leave a Water Service Area**

1. Any request for a Parcel to be removed from a Water Service Area shall be submitted in writing to the Manager.
2. Parcels may only be removed from the Water Service Area if removal benefits the Water System or the Parcel cannot be feasibly serviced from the Water System.
3. If a future application is made for the Parcel to re-join the Water Service Area, the Parcel is subject to all conditions of this Bylaw and Fees and Charges as identified in the Utilities Rates, Fees and Charges Bylaw. No credit shall be given for past contributions to the Water Service Area.
4. After a Parcel is removed from a Water Service Area, no rebates for any past Fees and Charges or taxes shall be paid to the Owner, except proration of the current year's Fees and Charges.
5. If permission is granted for a Parcel to be removed from the Water Service Area, the Regional District Water Connection shall be removed at the Owner's expense.

## **10. Ownership, Responsibility, and Access**

### **10.1. Owner Water Connections**

1. The Owner is responsible for the supply and installation of Owner Water Connections.
2. Joining of the Regional District Water Connection and the Owner Water Connection during construction shall be the responsibility of the Owner. The joint shall be inspected by a Designated Officer prior to backfilling the Owner Water Connection. A minimum notice of two working days is required before inspection.
3. The Owner shall ensure that all pipe, fixtures and appurtenances connected to the Owner's water system are in good working order.
4. All new Regional District Water Connections shall have a properly placed Curb Stop Valve and Curb Stop Box for Regional District Water Connections up to 50 mm in diameter or a shut off valve conforming to AWWA C509 for Regional District Water Connections of 100 mm diameter or larger.
5. All new Regional District Water Connection Curb Stop Valves or shut off valves shall be generally located immediately on the roadway side of the Parcel Property Line.
6. The Regional District shall own and be responsible for any maintenance or replacement of the Curb Stop Box and Curb Stop Valve with the exception of the connection point with the Owner Water Connection which is the responsibility of the Owner.
7. The Regional District does not guarantee the proper function of Curb Stop Valves.
8. The property Owner is responsible for any damage to the Curb Stop Box and Curb Stop Valve caused by the Owner or the Owner's contractors or representatives.
9. If it becomes necessary to do repairs on the Owner Water Connection, any costs incurred shall be the responsibility of the Owner. No work is permitted on the Regional District Water Connection without prior Approval from the Manager.
10. If the source of the leakage, freezing or other condition which causes the interruption of the supply of water cannot be determined, the Owner shall sign a Work Order for investigative Work. If it is determined that the source of the problem is within the Regional District Water Connection or other part of the Regional District Water System, then the Owner will not be charged for the Work. If it is determined that the source of the problem is within the Owner Water Connection then the Owner will be responsible for the investigative Work and any other repairs.
11. If potential high pressures are a concern, the Owner shall be responsible to provide and maintain any required pressure-reducing valves and pressure relief valves.
12. The Owner shall permit access by the Designated Officer upon reasonable notice for inspection of the Owner Water Connection, Meters, Backflow Preventers, fixtures or appurtenances, if the Designated Officer has reasonable reason to believe water is being wasted, there is a leak, there is a Cross Connection or any other contravention of this Bylaw.
13. Owner Water Connections may not be extended to service other Properties.
14. Water connections that pass through private property and service any other private property without looping back to a Regional District Water Main, and without Statutory Right of Way, shall be considered an Owner Water Connection.

### **10.2. Access to the Water System on Public Lands**

1. No person shall enter into any utility structure forming part of a Water Service whether underground or above ground or any utility compound whether it is fenced or not.
2. No person shall obstruct at any time or in any manner the access to any hydrant, valve, Curb Stop or other fixture connected with the Water System or Regional District Water Connection.

3. No person shall obstruct or prevent the Manager or any person authorized by the Manager from carrying out any or all of the provisions of this Bylaw, nor shall any person refuse to grant the Manager or any person authorized by the Manager, permission to inspect any Owner Water Connection at any reasonable time.

### **10.3. Water System Access on Private Lands**

1. Regional District access to the Water System located on private lands may occur for the purposes of inspection, installation, maintenance, repair, replacement, or operation of the Water System, and shall be carried out in accordance with the provisions of the Local Government Act and the Community Charter, including applicable requirements respecting notice, timing of entry, and limitations on entry into buildings.

### **10.4. Fire Hydrants and Standpipes**

1. All fire hydrants and standpipes directly connected to Regional District Water Mains are the property of the Regional District.
2. All fire hydrants and standpipes connected to Owner Water Connections are the property of the Owner unless otherwise agreed in writing between the Manager and Owner.

## **11. Water Usage**

### **11.1. General Water Usage**

1. No person shall irrigate land unless irrigation privileges have been assigned by this Bylaw or by the Manager, regardless if Metered.
2. No Owner shall cause or allow Regional District supplied water to be conveyed to any other Property.
3. No person shall commercially sell water from a Regional District of Central Kootenay Water System unless otherwise Approved by the Manager or unless the sale or distribution of water is by a landlord to a tenant or by a condominium corporation to a member and the charge to the tenant or member for water use shall not exceed the amount charged by the Regional District.
4. No change or addition to the number or type of fixtures on a Property, for the purpose of expanding the number of Dwellings, installation of a Swimming Pool, or Commercial or Industrial enterprise, shall be made until an Application is made to the Manager and written permission thereof obtained.
5. No pumps shall be connected to the Water System without Approval of the Manager. Any Owner pumps connected to the Water System shall be subject to conditions imposed by the Manager which may include but is not limited to:
  - a. Pump capacity limitations;
  - b. Pump discharge pressure limitations;
  - c. Pump low suction pressure monitoring and lock out;
  - d. Minimum service size;
  - e. Placement of a Restrictive Covenant on Title, in accordance with Section 219 of the British Columbia Land Title Act;
  - f. Existing pumps may only be replaced with a pump of the same make, model, impeller and speed. Approval of the Manager is required for any changes;
  - g. Approval from other applicable regulatory agencies.
6. Free Flow Bleeders for frost protection or any other purpose are not permitted after December 31, 2016 unless Approved in writing by the Manager.

### **11.2. Temporary Water Usage**

1. Temporary water usage may only be approved by the Manager for construction, road maintenance, emergency water supply to other organizations, and community events, such as, but not limited to concerts, festivals and markets.
2. Temporary water users are not required to open an Account but Approval is required from the Manager for water usage.
3. Temporary water users shall provide tamper protection, Backflow Prevention, and or Metering, if required by the Manager.
4. Temporary water usage is subject to Fees and Charges as identified in the Utilities Rates, Fees and Charges Bylaw.
5. A deposit amount payable to the Regional District may be set out in the Utilities Rates, Fees and Charges Bylaw and the deposit may be used to recover any damages to the Water System.
6. Temporary water usage is limited to the water service area when required by the water system's provincially issued water licence.

### **11.3. Water Conservation**

1. All Water Systems are subject to seasonal Stage One water conservations measures as identified in Schedule A.
2. The Manager may introduce further Stages of water conservation based on the following criteria and upon receiving due notice of such restriction, no person shall use water for the purposes prohibited by, or in excess of the limits imposed by such restrictions:
  - a. For planned maintenance of pumping and treatment equipment;
  - b. For emergency operating conditions including Water Main breaks, pumping failure, treatment failure, or emergency maintenance activities;
  - c. When emergency water storage levels cannot be maintained;
  - d. Based on Provincial drought classifications or other indicators as determined by the Manager;
  - e. When water demand reaches or is reasonably expected to reach rated Water System capacity.
3. Due notice of Water Conservation Measures shall be given either by publication in a newspaper circulating within the Regional District, by mail, or by automated email, voice message or mobile device messaging service.
4. No person shall:
  - a. Use water for sprinkling in excess of reasonable requirements;
  - b. Irrigate more than 0.40 Hectares (1 acre) of land per non-Metered Account unless the Account has been classified as Agricultural Land, Golf Course, Institutional or Recreational, and assigned irrigation privileges by the Manager;
  - c. Irrigate more land area than has been assigned irrigation privileges by the Manager;
  - d. Use water at a rate greater than 0.70 litres per second per hectare (0.28 litres per second per acre or 4.5 United States gallons per minute per acre) on Agricultural Land, or for unmetered irrigation on Single Family Dwelling or Multiple Dwelling Properties;
  - e. Use an unattended open pipe or hose for sprinkling purposes.

### **11.4. Once Through Cooling Equipment**

1. Once Through Cooling Equipment is not to be permitted to be connected to the Water System after December 31, 2016, unless otherwise Approved in writing by the Manager.

### **11.5. Car Washes**

1. Commercial Carwashes connected to a Regional District Water System shall comply with the following:
  - a. Maximum of 151 liters (40 United States gallons) of Potable Water per average automated Carwash;
  - b. Maintain high pressure wash nozzles and pump systems that use less than 0.19 liters per second (3 United States Gallons per minute).
2. Commercial Carwashes may use recycled water to augment water volume and flow limits.

### **11.6. Water Wastage**

1. No Customer shall allow Regional Districted supplied water to be wasted.
2. Notwithstanding the prohibitions in this Section, the Manager may authorize in writing the discharge of Regional District supplied water for the purposes of:
  - a. health and safety;
  - b. the installation and maintenance of infrastructure, including the flushing of Water Mains, hydrant leads and water service connections;
  - c. preventing the freezing of Water Mains, hydrant leads and water service connections;
  - d. conducting water flow tests;
  - e. installation and testing of permanently installed irrigation systems;
  - f. training programs for fire fighters.

### **11.7. Illegal Water Connections**

1. No person shall make or cause to be made a connection to the Water System without the express written Approval of the Manager.
2. Any Illegal Water Connections shall be removed from the Water System within a reasonable time frame given by the Manager at the expense of the Owner, or the Owner shall make an Application for a Regional District Water Connection and the Owner is subject to all conditions of a new Regional District Water Connection.
3. An Owner is responsible for all Fees and Charges that would have been levied from the time of installation.

## **12. New Servicing and Development**

### **12.1. New Regional District Water Connections**

1. New Regional District Water Connections are subject to Fees and Charges identified in the Utilities Rates, Fees and Charges Bylaw.
2. There shall only be one Regional District Water Connection per Parcel for new Developments, unless a dedicated non-Cross Connected fire service is also required.
3. Given limitations on the availability or pressure of water within some Water Systems, a new Regional District Water Connection may not be permitted if normal operating pressures are anticipated to be below 280 kPa (40.6 psi) or above 700 kPa (101.5 psi) as might be measured at the living floor elevation. The Manager may approve pressures outside this range and impose specific conditions in writing.
4. Regional District Water Connections, Owner Water Connections or Water Mains may not pass through a private Property to service another Property. Exceptions may be made at the discretion of the Manager as follows:
  - a. if the benefiting Property is an existing landlocked Parcel and an Easement Agreement is executed between the properties with the Easement Agreement including the requirement for Regional District Approval for Easement Agreement

- discharge;
- b. if Water Mains and Water Connections are located within a Provincially approved access common lot and all Water Mains and Water Connections within the access common lot are owned by the Property Owners, not the Regional District.
5. Owners are responsible for all costs associated with provision of the Regional District Water Connection including but not limited to:
    - a. Water System assessment to confirm adequate capacity and pressures;
    - b. Extension of Water Mains;
    - c. Roadway and surface restoration costs.
  6. Provision of a new Regional District Water Connection is not guaranteed by the Regional District and an Application may be rejected by the Manager for any reasonable reason, such as but not limited to, inadequate water pressures, inadequate capacity, Water System under boil water notice, geological hazards, unpaid water bills or taxes, zoning or development conditions, or if the connection is not economically feasible.
  7. New Regional District Water Connections shall not run parallel with roadways; rather a new Water Main extension is required. New Water Mains shall be a minimum of 100 millimeter diameter in Water Service Areas without fire protection and 150 millimeter diameter in Water Service Areas with existing or planned fire protection. Water Mains may be larger or smaller in diameter subject to an engineering assessment and Approval by the Manager.
  8. New Water Mains shall have a minimum pressure rating of 1,379 kPa (200 psi) unless otherwise approved by a Professional Engineer or Qualified Person, and the Manager.
  9. Allowance for new Regional District Water Connections to substandard Water Mains is at the discretion of the Manager. Where condition assessment, hydraulic modeling, or asset management planning identifies a Water Main as substandard, the Manager may require that the Water Main be upgraded or replaced at the Owner's expense as a condition of service.
  10. A Developer or Owner required to replace or extend Water System infrastructure may be eligible for cost recovery in accordance with the Local Government Act and the Regional District's Latecomer Charges and Cost Recovery provisions, as amended or replaced from time to time.

#### **12.2. Water Service Area Extension**

1. Inclusion of one or more new Parcels into a Water Service Area is subject to Fees and Charges identified in the Utilities Rates, Fees and Charges Bylaw.
2. Owners are responsible for all costs associated with Water Service Area extension including but not limited to:
  - a. Water System assessment to confirm adequate capacity and pressures;
  - b. Extension of Water Mains;
  - c. Upgrade of treatment, pumping and storage facilities;
  - d. Roadway and surface restoration costs.
3. New Water Mains shall be a minimum of 100 millimeter diameter in Water Service Areas without fire protection and 150 millimeter diameter in Water Service Areas with existing or planned fire protection. Water Mains may be required to be larger or smaller diameter as determined by an engineering assessment and Approved by the Manager.
4. New Water Mains shall have a minimum pressure rating of 1,379 kPa (200 psi) unless otherwise approved by a Professional Engineer or Qualified Person, and the Manager.
5. All new Water System infrastructure shall be located in road right of ways or Parcels Titled to the Regional District. Location of new Water System infrastructure in Easements or Statutory Right of Ways may only be permitted under special circumstance and requires Approval of the Manager.

**12.3. Subdivision of a Parcel, Creation of Additional Units, or Changes to Irrigation on an Existing Property**

1. Any Subdivision or addition of Units to a Property within a Water Service Area may be subject to a Capital Infrastructure Charge as defined in the Utilities Rates, Fees and Charges Bylaw.
2. Applications for a new Regional District Water Connection as part of a Subdivision process shall include submission of a Water Servicing Plan to the Manager. The Water Servicing Plan shall include property lines, existing legal lot, block and plan numbers, proposed lot numbers, building location(s), driveways or hard surfaces, sanitary systems and service offsets, other utilities, road names, and the requested location of the water connection(s). Neat sketches may be acceptable from the Owner for small Developments or Subdivisions but the Manager may require drawings issued by a Professional Engineer or Qualified Person for larger Developments or Subdivisions.
3. The Manager may require the Owner to upgrade any existing Regional District Water Connection due to age, to meet current standards or to improve capacity as a condition of Subdivision or as a condition of adding a water serviced addition to a Unit or additional water serviced Units to a Property.
4. There shall only be one Regional District Water Connection per Parcel for Redevelopments, unless a dedicated non-Cross Connected fire service is also required, or unless deemed beneficial to the Water System by the Manager to have more than one connection.
5. If the Owner does not initiate construction of the required Water System within one year after the date of the subdivision approval, the Regional District may enter upon the subdivided lands to complete the installation of the required Water System at the expense of the Owner.

**12.4. Multiple Dwelling Property Developments**

1. Owners of a proposed Multiple Dwelling Property Development wishing to connect to a Regional District Water Service shall, prior to the start of any construction, submit a Water Servicing Plan to the Manager for Approval. The Water Servicing Plan shall include property lines, existing legal lot, block and plan numbers, proposed lot numbers, building location(s), driveways or hard surfaces, sanitary systems and service offsets, other utilities, road names, and the requested location of the water connection(s). Neat sketches may be acceptable from the Owner for small Developments or Subdivisions but the Manager may require drawings issued by a Professional Engineer or Qualified Person.
2. The Manager may require the Owner to upgrade any existing Regional District Water Connections due to age, to meet current standards or to improve capacity as a condition of Development.

**12.5. Existing Water Mains and Service Connections on Private Land**

1. Existing Water Mains and service connections that cross private Property to service another Property shall be relocated in road right of ways or Parcels Titled to the Regional District during new Developments, Redevelopments or property line boundary adjustments, unless otherwise approved by the Manager, and a Statutory Right of Way or Easement Agreement is provided for existing Water Mains and service connections.

**12.6. Work Completed by Others**

1. Work on Regional District Water Systems or installation of water infrastructure that is to become part of a Regional District Water System shall be completed by the Regional

- District or the Regional District's contractor unless done under written agreement between the Regional District and Developer.
2. The Developer is responsible for but not limited to the following when any infrastructure installed by the Developer is to be owned by the Regional District:
    - a. Securing all required permits, including but not limited to an Interior Health Issued Construction Permit, Ministry of Transportation and Infrastructure Provincial Public Highway Permit, Development Permits, Building Permits, and Plumbing Permits;
    - b. Provision of "issued for construction drawings" and "plan of record drawings" provided by a Professional Engineer or Qualified Person;
    - c. Provision of project costs by a Qualified Person.
    - d. All materials shall meet applicable American Water and Wastewater Association standards, Canadian Standards Association standards, NSF standards, and designs and construction standards shall meet the satisfaction of the Regional District and applicable Regulatory agencies;
    - e. Provision of a deposit with the Regional District in the form of an unconditional, irrevocable letter of credit, a bank draft drawn on a chartered bank in Canada, or cash in the value of 20% of the estimated cost of the water infrastructure, and for a term to the time of not less than to the issuance of a Certificate of Total Performance by the Regional District; and
    - f. Securing and maintaining commercial general liability insurance against claims for bodily injury, death or property damage arising out of this Agreement or the construction of the water infrastructure in a form acceptable to the Chief Financial Officer of the Regional District, in the amount of \$5,000,000 per occurrence.
  3. The Developer shall provide the following warranty on any infrastructure installed by a Developer that is to be owned by the Regional District:
    - a. One year from the time of issuance of a Certificate of Total Performance by the Regional District for any water infrastructure.
    - b. Two years from the time of issuance of a Certificate of Total Performance by the Regional District for any landscaping.
    - c. The cost of all work required to repair any defects or deficiencies shall be at the expense of the Developer during the warranty period.

### **13. Cross Connection Control and Backflow Prevention**

#### **13.1. Cross Connection Control Requirement and Classification**

1. As a condition of Approval of service:
  - a. The property owner must have a cross connection control device already installed as part of the plumbing system on their property in accordance with and when required by the Plumbing Code; or
  - b. Where a cross connection control device is not part of the owner's plumbing system, a cross connection control device must be installed outside of the property line on the Regional District Water Connection when require by the Manager.
2. No person shall cause or permit to continue a Cross Connection to a Regional District Water system or a connection between a Regional District Water System and another source of water.
3. When required by this Bylaw, Backflow Prevention shall be required to be installed on the public side of a Water Connection only at the following times:
  - a. During Developments or Redevelopments, at the Owner's expense;
  - b. When an Owner does not mitigate a Severe Hazard, at the Owner's expense;
  - c. When metering in a meter pit is required; or
  - d. During Water System metering implementation programs.

4. All new meter pits shall include Dual Check Valves for all Single Family Dwelling properties, Multiple Dwelling properties and Minor Cross Connection Hazard properties.
5. All new Regional District owned meter pits shall have Double Check Valve Assemblies for Moderate Cross Connection Hazard properties and potential Severe Cross Connection Hazard properties.
6. Property Owners with a Severe Cross Connection Hazard not protected by a Reduced Pressure Principle Backflow Preventer or Air Gap, approved by a Qualified Person, shall immediately eliminate the Severe Cross Connection Control Hazard or be subject to immediate water Turn Off by the Regional District.
7. Property Owners with a potential Severe Cross Connection Hazard shall install a Reduced Pressure Principle Backflow Preventer or Air Gap on their property, approved by a Qualified Person.
8. Backflow Prevention is required in Water Systems under long-term Boil Water Notice.
9. Backflow Prevention, when required, shall be selected and installed by a Qualified Person in accordance with CSA B64.10-11.
10. No person shall remove or modify a Backflow Preventer unless a Qualified Person.
11. Buildings or facilities in a Regional District Water System may be classified as being a Minor, Moderate or Severe Cross Connection Hazard by the Manager in accordance with CSA B64.10-11.
12. All new Regional District Water Connections or Redevelopments servicing four or more Units, including Dwellings, shall be considered at least a Minor Cross Connection Hazard.
13. All new Regional District Water Connections or Redevelopments in potable Water Systems with no residual disinfection protection and with a building or facility identified as being a Minor Cross Connection Hazard shall have a Property Isolation Dual Check Valve or Double Check Valve Assembly as Approved by the Manager.
14. All new Regional District Water Connections or Redevelopments in all Water Systems with a building or facility identified as being a Moderate or Severe Cross Connection Hazard shall have Property Isolation Backflow Prevention as specified by a Qualified Person and as Approved by the Manager.
15. All new Regional District Water Connections on parcels of land 0.40 hectares (1 Acre) or larger, when also required to be metered, shall have Property Isolation Backflow Prevention, as specified by a Qualified Person and as Approved by the Manager.

### **13.2. Owner Responsibilities**

1. When an Owner's Premises Isolation Backflow Preventer protecting a Moderate or Severe Cross Connection Control Hazard is found to not be in proper working condition, the condition shall be reported to the Regional District by the Customer or Owner and the Backflow Preventer shall be repaired or replaced by the Owner within 5 working days.
2. When an Owner's Premises Isolation Backflow Preventer protecting a Minor Cross Connection Control Hazard is found to not be in proper working condition, the condition shall be reported to the Regional District by the Customer or Owner and the Backflow Preventer shall be repaired or replaced by the Owner within 30 days.

### **13.3. Backflow Preventer Ownership**

1. Backflow Preventers installed on the Owner's Property shall be owned by the Property Owner and shall be installed, maintained and tested at the Owner's expense.
2. Backflow Preventers when required to be installed on a Regional District Water Connection for new Regional District Water Connections or Redevelopments shall be installed at the Owner's expense.
3. Backflow Preventers when required to be installed on a Regional District Water

Connection due to Cross Connections created by portable equipment connected to the water system by a Property Owner or their representatives shall be installed at the Owner's expense.

4. Backflow Preventers installed on the Regional District Water Connection shall be owned by the Regional District and shall be maintained and tested by the Regional District.

#### **13.4. Backflow Preventer Testing and Inspection**

1. Backflow Preventers that are owned by the Owner and that are protecting against Moderate or Severe Cross Connection Hazards shall be tested by a British Columbia Water and Wastewater Association certified Cross Connection Control Tester as follows:
  - a. Upon installation;
  - b. When cleaned, repaired, or overhauled;
  - c. When relocated; and
  - d. Every three years.
2. Owners shall maintain a record of Backflow Preventer Inspection and testing results on the Property and shall provide a copy of these records to the Regional District upon request.
3. Testable Backflow Preventers shall have an Approved testing tag affixed to the device by a British Columbia Water and Wastewater certified Cross Connection Control Tester.

### **14. Water Meters**

#### **14.1. Water Meter Requirement**

1. Any new Regional District Water Connections or Redevelopment with Regional District Water Connection greater than 25 mm shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
2. All new Regional District Water Connections or Redevelopments servicing, Commercial properties, Industrial properties, Institutional properties, golf courses, Agricultural Land, and recreation facilities, excluding home based businesses, shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
3. All new Regional District Water Connections or Redevelopments servicing four or more Units, including Dwellings, shall have an Approved Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
4. All Regional District Water Connections in the Lucas Road, Balfour Water System, Grandview Water System, Rosebery Water System, and Erickson Water System shall be Metered.
5. All existing Properties with Approved Free Flow Bleeders shall be Metered, unless otherwise identified in a Board approved metering plan.
6. Owner Water Connections that cross a privately owned Property to service another Property unless otherwise exempted by the Manager in writing, shall have a Meter installed by the Owner, unless otherwise identified in a Board approved metering plan.
7. All existing Commercial properties, Industrial properties, Institutional properties, golf courses, Agricultural Land, and recreation facilities shall have a Meter installed by the Owner, unless otherwise identified in a Board Approved metering plan.
8. The Manager may at any time require that a Meter be installed or relocated by the Owner on Water Connections where there is reasonable cause to suspect a high water demand or where water usage cannot be easily determined.
9. No un-Metered water may be used on a Metered Property without the written Approval of the Manager.
10. The following Water Connections shall not require a Water Meter:

- a. Fire water connections which are not used for any other purpose; and
  - b. Such other connections where, in the opinion of the Manager, it is impractical to install a Water Meter.
11. If an Owner requests and the Manager Approves an increase or decrease to the amount of irrigation privileges assigned or an increase or decrease to the assessed Agricultural Land Charge, a water meter will be required and the Owner shall be responsible for the installation costs of a Water Meter and related appurtenances, if the amount of assessed assigned irrigation privileges or assessed Agricultural Land Charge results in more than one acre and less all the lands.
  12. For the purposes of meter installation, maintenance, repair, or replacement, the Regional District may enter onto real property in accordance with the statutory authority granted under Section 290 of the Local Government Act and Section 16 of the Community Charter. Entry shall be at reasonable times and with reasonable notice to the Owner or Occupier.
  13. The Regional District shall take reasonable steps to restore any areas of private property disturbed during meter installation to their original condition, including regrading, reseeding, or replanting grassed areas or placing sod, unless otherwise agreed with the Owner. Restoration shall not include replacement of ornamental landscaping or private structures unless damaged due to negligence.
  14. Except where required under Section 292 of the Local Government Act, the Regional District shall not be responsible for compensation to Owners for the installation of water meters or related infrastructure located at or near the Property Line, provided reasonable restoration is completed.
  15. Where the installation of a water meter or associated works must occur significantly beyond the Property Line or encumbers the use of private property in a substantial or ongoing manner, the Regional District may require a Statutory Right of Way to be granted by the Owner prior to installation.

#### **14.2. Metering Equipment**

1. Water Meters and equipment shall be selected and installed in accordance with requirements identified by the Manager.
2. All new Meter installations shall be located at or near the Property Line and may be installed within an Approved Meter Pit on the Owner's property, where necessary due to site constraints, right-of-way limitations, or service line alignment. The Regional District may enter onto private property for this purpose in accordance with the Local Government Act.
3. The size of all Meters installed shall be Approved by the Designated Officer and will not necessarily conform to the size of the service pipe installed but will be based on the estimated rate of consumption.
4. All Water Meters with a bypass shall have a seal on the bypass.
5. If a Property Owner fails to provide access to an existing Meter, a new Meter may be installed on the Regional District Water Connection at the Owner's expense.

#### **14.3. Customer Responsibility and Notification Requirements**

1. The Customer shall protect any Water Meter, valves, or pipes located on the Property from freezing, excessive heat, overheating of water, external or internal damage of any kind, or any other thing which may affect the operation of the Water Meter or Meters.
2. If a bypass seal is broken, the Customer shall notify the Designated Officer within twenty-four (24) hours of knowledge of the broken seal.
3. If a Water Meter is damaged, the Customer shall notify the Designated Officer within twenty-four (24) hours of knowledge of the damaged meter.

4. No Person shall:
  - a. Interfere with or tamper with the operation of any Water Meter or remote reading device; nor
  - b. Open a bypass valve on a Water Meter or metering installation except in the case of an emergency.

#### **14.4. Water Meter Costs and Ownership**

1. Water Meters located on Owner Water Connections shall be installed at the Owner's expense, unless installed as part of a Regional District metering program, and shall be the property of the Regional District.
2. If a Water Meter is removed or stolen, the Owner shall be responsible for the cost of replacing the Water Meter including installation.
3. If a Water Meter is damaged or tampered with, the Owner shall be responsible for the cost of repairs or replacement.
4. The Regional District shall be responsible for Water Meter maintenance, repair and replacement due to normal wear and tear, and life expectancy.
5. If a Water Meter is required by the Owner to be relocated, all costs associated with the Meter relocation shall be the responsibility of the Owner.

#### **14.5. Meter Testing**

1. The Owner may request that a Water Meter be tested for accuracy, and the cost of any such test shall be at the expense of the Regional District if the Water Meter is found to be inaccurate in excess of two (2%) percent of actual flow. The test shall be at the Owner's expense if the Water Meter is found to be accurate within two (2%) percent of actual flow.
2. The Manager may require a water meter to be tested for accuracy, and the cost of any such test shall be the expense of the Regional District.

#### **14.6. Meter Readings**

1. The Manager shall establish the frequency of regular Meter reading.
2. The Manager may require that a Meter be read at any time.
3. Customers shall provide Meter reading(s) when requested by the Manager.

### **15. Offences and Penalties**

1. Any person who contravenes this Bylaw or other requirements made or imposed under this Bylaw or amendments thereto is guilty of an offence and is liable to a fine not exceeding \$2,000.
2. Where an offence is committed or continues for more than one day, a person shall be deemed to have committed separate offences for each day on or during which an offence occurs or continues, and separate fines, each not exceeding \$2,000, may be imposed for each day on or during which an offence occurs or continues.
3. Nothing in this Bylaw shall restrict the Regional District of Central Kootenay from utilizing any other remedy that would otherwise be available to the Regional District of Central Kootenay at law.

### **16. Citation**

This Bylaw may be cited as **Regional District of Central Kootenay Water Bylaw No. 3078, 2026**

**17. Repeal**

**Water Bylaw No. 2894, 2023**, and amendments hereto, are hereby repealed.

READ A FIRST TIME this \_\_\_<sup>th</sup> day of April , 2026.

READ A SECOND TIME this \_\_\_<sup>th</sup> day of April , 2026.

READ A THIRD TIME this \_\_\_<sup>th</sup> day of April , 2026.

ADOPTED by an affirmative vote of at least 2/3 of the votes cast this \_\_\_ day of April, 2026.

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Aimee Watson, Board Chair

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Mike Morrison, Corporate Officer

**SCHEDULE A: BYLAW NO. 2894  
WATER CONSERVATION MEASURES**

Stage 1 Water Conservation Measures go into effect every year regardless of seasonal weather patterns. These measures are in effect from June 1<sup>st</sup> to September 30<sup>th</sup>. The Regional District may, upon notification, impose further water conservation measures (Stages 2-4) as necessary.

Activity	Mandatory Restrictions			
	Stage 1	Stage 2	Stage 3	Stage 4
<b>Watering of lawns</b>	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited	Prohibited
<b>Watering of new lawns</b> (seed within 45 days and sod within 21 days of installation)	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited (Except where permitted by the Manager)
<b>Watering of gardens, trees and shrubs</b> (excluding watering of commercial agricultural products on Agricultural Land)	<b>ONLY</b> between the hours 7 pm - 10 am	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited
<b>Outdoor water usage during power outages greater than 1 hour</b>	Prohibited	Prohibited	Prohibited	Prohibited
<b>Watering of Commercial Agricultural Products</b> (production and sales)	Permitted	Permitted	Permitted	Permitted (Voluntary Conservation)
<b>Wash down</b> (sidewalks, walkways, driveways, exterior building surfaces, window, vehicles or other outdoor surface)	Permitted	<b>ONLY</b> between the hours 6 am - 10 am, and 8 pm - 10 pm	Prohibited (Except where critical for health and safety, and business operations)	Prohibited (Except where critical for health and safety)
<b>Filling of fountains or other decorative features</b>	Permitted	Prohibited (Except where permitted by the Manager)	Prohibited	Prohibited
<b>Filling of outdoor hot tubs and/or wading pools.</b>	Permitted	Permitted	Prohibited	Prohibited
<b>Filling of swimming pools</b>	<b>ONLY</b> between the hours 8 pm - 7 am	Prohibited (Except where permitted by the Manager)	Prohibited	Prohibited
<b>Dwelling water consuming appliances such as washing machines and dishwashers</b>	Permitted	Permitted	Permitted (Voluntary Conservation)	Permitted (Voluntary Conservation)
<b>Large commercial water use such as laundromats, washers, carwashes, etc.</b>	Permitted	Permitted	Permitted (Voluntary Conservation)	Permitted (Voluntary Conservation)

**SCHEDULE B: BYLAW NO. 3078**  
**LATECOMER CHARGES AND COST RECOVERY FOR EXCESS AND EXTENDED SERVICES**

**PURPOSE**

The purpose of this Schedule is to provide a form of authorization for staff on how to process Latecomer Agreements and associated Latecomer Charges within water systems owned and operated by the Regional District of Central Kootenay.

A Latecomer Agreement is executed between a Developer and the Regional District when Latecomer Charges are owed to a Developer for off-site infrastructure they have installed that benefit other lands within the water system. Identified Benefitting Lands in the Latecomer Agreement pay calculated Latecomer Charges to the Regional District at the time of a new water service request. The collected Latecomer Charges are reimbursed to the Developer for a set term.

Any modifications to this Schedule must be approved by the Regional District Board.

**SCOPE**

This schedule applies in situations where a developer wishes to install water infrastructure that is to become part of a Regional District water system that is deemed as Excess or Extended services.

**DEFINITIONS**

**Benefitting Land** means lands that benefit from an extended service within a Regional District water system boundary.

**Development Agreement** means an agreement executed between the Developer and the Regional District that outlines the requirements for installation of water infrastructure by the Developer that is to become part of a Regional District water system.

**Excess Service** means the oversizing built into the water system in order to provide excess capacity to service properties other than the land being developed.

**Extended Service** means the water system infrastructure that is being installed by a developer to service their development, but which also extends the immediate capability of water servicing to other properties.

**Latecomer Agreement** means the executed Latecomer Agreement as the legally binding contract between the Developer and the Regional District.

**Latecomer** means the registered owner of lands benefitting from the construction of the extended services.

**Latecomer Charge** means a charge imposed on the benefitting lands which will be collected by the Regional District as a condition of a latecomer connecting or using extended services.

**Substantial Completion** means the extended or excess service work is sufficiently complete in accordance with the Development Agreement to the point that it may be used for its intended purpose.

**1 General Administration**

Latecomer charges apply to Excess or Extended water services required as part of the subdivision, development process, or building permit process within a Regional District owned water system. The Latecomer Agreement Application submitted by the Developer is reviewed and approved by the Manager.

The Regional District may pay the cost of oversizing or extending of water services subject to funding availability and Board approval. The Developer shall not be eligible for Latecomer Charge benefits for any over sizing or additional component of water service extension paid for by the Regional District.

Benefitting lands are limited to:

- a. Parcels fronting the Excess or Extended services, or parcels fronting public roads where future water main extensions from the Excess or Extended services is feasible;
- b. Parcels that would achieve normal operating pressures as outlined in Bylaw 2894, as amended or replaced; and
- c. Parcels within the existing water system boundary.

A parcel with an existing service connection will be reconnected to the new service without a Latecomer Charge applied. Parcels with on-site servicing, such as a well, will not be entitled to this free connection.

Latecomer charges do not apply to offsite works and services which are voluntarily installed by a Developer or where the Developer has waived their right to collect latecomer charges.

Interest on Latecomer Charges shall be calculated annually at 1% and payable for the period beginning on date of Substantial Completion, up to the date that the benefitting lands water service is made.

Building and/or Development permits pursuant to the Subdivision and Development Bylaws will not be issued for works and services which are the subject of a latecomer charge until the Latecomer Agreement and the Development Agreement have been executed.

Before the Regional District will execute a Latecomer Agreement with the Developer, the Developer must pay an application administration fee to the Regional District in the amount prescribed in the Water Utility Rates, Charges, and Charges Bylaw 3027, as amended or replaced.

The term for the Latecomer Agreement will be set for the 10<sup>th</sup> anniversary of the Substantial Completion date, with no opportunity for extension.

**2 Procedure**

Staff is to establish and maintain procedures for process, approval, administration, collection, and reimbursement of Latecomer charges.

**3 Authority for Execution**

Latecomer Agreement contracts must be authorized by the General Manager of Environmental Services with the approval of the Chief Administrative Officer.

**4 Related Legislation**

*Local Government Act* Part 14 – Planning and Land Use Management Section 508.