



## REGIONAL DISTRICT OF CENTRAL KOOTENAY

# ARROW CREEK WATER TREATMENT & SUPPLY COMMISSION OPEN MEETING MINUTES

**Time:** 10:00 am

**Date:** Thursday, July 31, 2025

**Location:** Sunshine Room at the Creston Rec Centre 312 19<sup>th</sup> Avenue N, Creston, BC

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).

### COMMISSION MEMBERS PRESENT

Commissioner D. Dumas	Councillor, Town of Creston (Chair)	In-Person
Commissioner R. Tierney	Director Electoral Area B	In-Person
Commissioner K. Vandenbergh	Director Electoral Area C	In-Person

### RDCK STAFF PRESENT

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

### TOWN OF CRESTON STAFF ABSENT

M. Moore	Chief Administrative Officer
B. Ziefflie	Director of Infrastructure Services
C. Farynowski	Manager of Engineering

**3 out of 3 voting Commission members were present – quorum was met.**

## 1. CALL TO ORDER

The Chair called the meeting to order at 10:01 a.m.

### 1.1 TRADITIONAL LANDS ACKNOWLEDGEMENT STATEMENT

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

### 1.2 ADOPTION OF AGENDA

**Moved** and seconded,

AND Resolved:

The Agenda for the July 31, 2025 Arrow Creek Water Treatment & Supply Commission meeting be adopted as circulated.

**Carried**

### 1.3 RECEIPT OF MINUTES

The February 10, 2025 Arrow Creek Water Treatment & Supply Commission minutes, have been received.

## 2 STAFF REPORTS

### 2.1 Filtration Feasibility Study – Report

The Commission Report dated July 31, 2025 from Alexandra Divlakovski, Water Operations Manager, providing a summary of filtration replacement options, including pressurized ceramic membranes, upgraded polymeric membranes, and conventional treatment for the Arrow Creek Water Treatment Plant, and recommending that staff proceed with the design of raw water pre-treatment upgrades in 2025, funded through a reallocation of existing capital reserves. Included with the written report is a supplemental presentation that provides a media filtration options summary, has been received.

**Moved** and seconded,

And Resolved:

That the Arrow Creek Water Treatment & Supply Commission direct staff to proceed with proposed measures to improve raw water quality through pre-treatment upgrades for the Arrow Creek water treatment facility;

AND FURTHER, that the design of pre-treatment upgrades be completed in 2025 and be financed through the reallocation of funds in the Arrow Creek Water Service – S251 Capital Expenses Account for the Pilot Filtration Study to a maximum amount of \$120,000.

**Carried**

## **2.2 O&M and Capital Update**

Alexandra Divlakovski, Water Operations Manager provided a verbal update on ongoing Operations, Maintenance and Capital works.

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

### **Arrow Creek**

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

- Membrane Filter Train 1 is passing MITs Trains 2, 3 & 4 are currently not passing MITs, fibre repairs have been suspended as overhead crane cannot be operated due to scaffold set-up for HVAC System upgrade project.
- Overhead WTP crane and intake jib have been completed.
- Recovery Cleans on the membrane Filters will be performed.
- Installed a new online UVT monitoring system, currently in communication with manufacturers tech support to resolve issues with it not reading at a constant flow.
- Chlorination Disinfection By-Products Treated water is tested for the formation of chlorination disinfection by-products Trihalomethane and Haloacetic Acid on a bi-annual basis. Sampling was completed April 15, 2025 and demonstrated unacceptable results. Results were just above Maximum Acceptable Concentration, and re-testing was initiated. Trihalomethanes and Haloacetic Acids in drinking water are assessed based on locational running annual averages of quarterly sampling results. For bi-annual sampling with two samples per year per location, the LRAA is calculated from the most recent four quarters of available data.

#### **Capital:**

- HVAC system upgrade project has begun, 95% ducting work completed, currently working on the controls system, delivery and set-up of the new MUA unit pending (est. late August).
- Final back pulse tank overflow connections have been completed and actuator on the valve has been installed.

#### **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:**

- Continuing to locate service valves for properties, meter pit installs for Phase 1 Project.

**Capital:**

- Replaced 6 old meter pits with new 2" x 48" tandem meter/DCVA pits as part of the Phase 1 Universal Metering.
- Erickson Road (from train tracks west to Morris Flowers) watermain and PRV Upgrade Project has been awarded, and work will commence in August 2025.
- Phase 2 Universal Metering procurement awarded for meter supply, RFP for meter pit supply and installation to be issued late 2025.
- Phase 1 Universal Metering installation for all new meter/pits to proceed in summer 2025.

**3 FINANCIAL STATEMENT**

The June 2025 Service Statement for S251 Water Utility - Area B (Arrow Creek), has been received.

**4 PUBLIC TIME**

The Chair will call for questions from the public at 11:17 a.m.

**5 NEXT MEETING**

The next Arrow Creek Water Treatment & Supply Commission Meeting will be at the call of the Chair.

**6 ADJOURNMENT**

**Moved** and seconded,  
And Resolved:

The Arrow Creek Water Treatment & Supply Commission meeting adjourn at 11:17 a.m.

Carried



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Councillor D. Dumas  
Chair, Arrow Creek Water Treatment & Supply Commission  
July 31, 2025