

**AGENDA  
COUNCIL MEETING  
MUNICIPAL DISTRICT OF PINCHER CREEK NO. 9  
December 12, 2023 6:00 pm  
Council Chambers**

A. ADOPTION OF AGENDA

B. DELEGATIONS

C. MINUTES/NOTES

1. Committee Meeting Minutes
  - November 28, 2023
2. Council Meeting Minutes
  - November 28, 2023

D. UNFINISHED BUSINESS

E. BUSINESS ARISING FROM THE MINUTES

- a) Southern Operations Section, Agriculture and Irrigation
- b) STARS
- c) RCMP Quarterly Update (Pincher Creek Detachment)
- d) Ag Society – Internet Invoice

F. COMMITTEE REPORTS / DIVISIONAL CONCERNS

1. Councillor Tony Bruder – Division 1
2. Councillor Rick Lemire – Division 2
3. Reeve Dave Cox – Division 3
4. Councillor Harold Hollingshead - Division 4
5. Councillor John MacGarva – Division 5

November 30, 2023 RCMP Town Hall – resolution needed for Council attendance

G. ADMINISTRATION REPORTS

1. Operations
  - a) Public Works Operations Report
    - Report from Public Works dated December 7, 2023
    - Public Works Call Log
    - School Bus Snow Plow Map 2023/2024
  - b) Utilities & Infrastructure Report
    - Report from Public Works/Administration dated December 6, 2023
2. Finance
3. Planning and Community Services
  - a) Sign Request - Lundbreck Hill
    - Report from Development, dated December 7, 2023
  - b) Notice of Subdivision - 2023-0-148 from Cardston County
    - Report from Development, dated December 7, 2023
4. Municipal
  - a) CAO Report
    - Report from Administration, dated December 7, 2023

H. CORRESPONDENCE

1. For Action
  - a) Pincher Creek Community Hall
    - Letter dated November 27, 2023
  - b) Oldman Watershed Council
    - Request for Support

- c) Patton Park Society Request for Bathrooms
  - Letter dated November 22, 2023
- d) AltaLink's proposed 185L and 412L Transmission Line Rebuild Project
  - Feedback Requested from AltaLink
- e) AVAIL LLP
  - Letter of Engagement

2. For Information

- a) Inquiry into the ongoing economic, orderly and efficient development of electricity generation
  - Letter from AUC
- b) News Release: Helping Alberta manage water supply
- c) Unavailability of Second Peace Officer Vehicle for Lease
  - Letter from Town of Pincher Creek
- d) 2024 Drought Risk and Management
  - Presentation from Alberta Environment and Protected Areas
- e) ORRSC Christmas Card

I. NEW BUSINESS

J. CLOSED MEETING SESSION

- a) Road Closure Request – FOIP Sec. 23.1
- b) Road Closure Request – FOIP Sec. 23.1
- c) CAO Performance Review – FOIP Sec. 19.1

K. ADJOURNMENT



MINUTES  
REGULAR COUNCIL COMMITTEE MEETING  
MUNICIPAL DISTRICT OF PINCHER CREEK NO. 9  
Tuesday, November 28, 2023 2:00 pm  
Council Chambers

Present: Reeve Dave Cox, Deputy Reeve John MacGarva, and Councillors Rick Lemire, Tony Bruder and Harold Hollingshead.

Staff: CAO Roland Milligan, Director of Finance Meghan Dobie, Financial Manager Brendan Schlossberger, Utilities & Infrastructure Manager David Desabrais, Public Works Manager Patrick Gauvreau, and Executive Assistant Jessica McClelland.

Reeve Dave Cox called the meeting to order, the time being 2:00 pm.

1. Approval of Agenda

Councillor Harold Hollingshead

Moved that the agenda for the November 28, 2023 be amended to include in closed, CAO Performance Review FOIP Sec. 19.2,

AND THAT the agenda be approved as amended.

Carried

2. Delegations

a) Southern Operations Section, Agriculture and Irrigation

Paul Elser, Director, Southern Operations Water Infrastructure and Operations Branch, along with his colleagues Dennis Matis, Scott Gerber, and David Hunt, all with Alberta Agriculture and Irrigation attended the meeting at this time to discuss the operation plan for the Oldman Dam.

In summary the discussion covered; Reservoirs are managed to capture storage while ensuring irrigation and instream flow needs are met. 2023 saw a combination of low water supply and high irrigation demand resulting in low end-of-season storage. Rivers.alberta.ca shows near real-time data on snowpack, river and canal flows, reservoir levels, water supply forecasts.

Members of Alberta Agriculture and Irrigation left the meeting at this time, the time being 3:11 pm.

b) STARS

Rob Lavigne and Codi O'Brien with STARS attended the meeting at this time to discuss the Vigilant Services provided by STARS.

STARS VIGILANT Emergency Call Answer Services is an Emergency communications specialists are available 24/7 to provide:

REGULAR COUNCIL COMMITTEE MEETING  
MUNICIPAL DISTRICT OF PINCHER CREEK NO. 9  
TUESDAY, NOVEMBER 28, 2023

- Activation of emergency response plans;
- consistent and accurate call answer services;
- accurate use of geographical information systems (GIS) mapping technology to confirm incident locations;
- education and outreach for EH&S team and field staff;
- activation of incident notification and mass broadcast systems to notify stakeholders of an emergency.

STARS representatives left the meeting at this time, the time being 3:53 pm.

c) RCMP

Sgt. Ryan Hodge attended the meeting at this time to discuss the quarterly Community Policing Report. Recently there was a rash of copper wires and metals stolen from local turbines and infrastructure, a few of the perpetrators were apprehended when the information from the recycle company was provided. At present time, Provincial Government does not find it constitutional to take in the information of people that are recycling metals.

Sgt. Hodge requested a letter from MD Council to the MLA be drafted explaining what this lack of information means to the community. If recyclers were mandated to record the information from metal recyclers, it could allow the Police Force to follow up on potential crimes in the area.

Sgt. Hodge left the meeting at this time, the time being 4:05 pm.

3. Closed Session

Councillor Rick Lemire

Moved that Council move into closed session to discuss the following, the time being 4:10 pm.

- a) Pincher Creek Emergency Services Funding Formula – FOIP 24.1.a
- b) Draft Operating Budget – FOIP Sec. 24.1.a
- c) Draft Recreation Agreement – FOIP Sec. 24.1.a
- d) Water Update and Raw Water Storage Grant – FOIP Sec. 24.1.
- e) Performance Review CAO – FOIP Sec. 19.2 (moved to Council closed)

Councillor Harold Hollingsead

Moved that Council move out of closed session, the time being 6:00.

Carried

REGULAR COUNCIL COMMITTEE MEETING  
MUNICIPAL DISTRICT OF PINCHER CREEK NO. 9  
TUESDAY, NOVEMBER 28, 2023

5. Round Table

6. Adjournment

Councillor John MacGarva

Moved that the Committee Meeting adjourn, the time being 6:00 pm.

Carried

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REEVE

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CHIEF ADMINISTRATIVE OFFICER

**MINUTES**  
**MUNICIPAL DISTRICT OF PINCHER CREEK NO. 9**  
**REGULAR COUNCIL MEETING**  
**NOVEMBER 28, 2023**

9778

The Regular Meeting of Council of the Municipal District of Pincher Creek No. 9 was held on Tuesday, November 28, 2023 at 6:00 pm, in the Council Chambers of the Municipal District Administration Building, Pincher Creek, Alberta.

**PRESENT** Reeve Dave Cox, Deputy Reeve John MacGarva, and Councillors Tony Bruder, Harold Hollingshead and Rick Lemire.

**STAFF** CAO Roland Milligan, Director of Finance Meghan Dobie, Utilities & Infrastructure Manager David Desabrais, Public Works Manager Patrick Gauvreau, Finances Manager Brendan Schlossberger, Development Officer Laura McKinnon, and Executive Assistant Jessica McClelland.

Reeve Dave Cox called the meeting to order at 6:05 pm.

**A. ADOPTION OF AGENDA**

Councillor Harold Hollingshead 23/510

Moved that the Council Agenda for November 28, 2023 be amended to include:

Municipal:

- Pincher Creek Emergency Services Funding Formula
- Lundbreck Pathway

Closed:

- CAO Performance Review – FOIP Sec 19.2

AND THAT the agenda be approved as amended.

Carried

**B. DELEGATIONS**

a) Ag Society – Internet Invoice

Travis McRae and Nita Jayne, with the Pincher Creek and District Agriculture Society attended the meeting at this time to discuss the internet invoice that they presented from Rite Line. The Ag Society called Rite Line to have temporary internet to allow for vendors to use pay terminals at the Christmas Market. Rite Line installed permanent internet in the area, with the balance due billed \$3937.50. The Ag Society attended the meeting to request the MD pay ½ the bill, as they will be attending the Town meeting on December 11, 2023 to request the same.

MD Council advised that this matter will be brought forward at the meeting of December 12, 2023 for resolution.

**C. MINUTES**

1) Council Committee Meeting Minutes – November 14, 2023

Councillor John MacGarva 23/511

Moved that the minutes of the Council Committee Meeting of November 14, 2023 be approved as presented.

Carried

2) Council Meeting Minutes – November 14, 2023

Councillor Tony Bruder 23/512

Moved that the minutes of the Council Meeting of November 14, 2023 be approved as presented.

Carried

Minutes  
 Council Meeting  
 Municipal District of Pincher Creek No. 9  
 November 28, 2023

3) Special Council Meeting Minutes – November 16, 2023

Councillor Rick Lemire 23/513

Moved that the minutes of the Special Council Meeting of November 16, 2023 be approved as presented.

Carried

4) Coffee with Council – November 16, 2023

Councillor John MacGarva 23/514

Moved that the notes from Coffee with Council on November 16, 2023 be approved as presented.

Carried

5) Special Council Meeting Minutes – November 16, 2023

Councillor Harold Hollingshead 23/515

Moved that the minutes of the Special Council Meeting of November 16, 2023 be approved as presented.

Carried

Councillor Tony Bruder 23/516

Moved that the Raw Water Storage; Sizing and Grant Contribution be discussed during the Utilities & Infrastructure Report.

Carried

D. UNFINISHED BUSINESS

E. BUSINESS ARISING FROM THE MINUTES

F. COMMITTEE REPORTS / DIVISIONAL CONCERNS

1. Councillor Tony Bruder – Division 1
  - Waterton Biosphere
  - Crowsnest Pincher Creek Landfill
2. Councillor Rick Lemire – Division 2
  - Pincher Creek Emergency Services Commission
3. Reeve Dave Cox– Division 3
  - Highway 3
  - Beaver Mines Fire Department
4. Councillor Harold Hollingshead - Division 4
  - Family and Community Support Services
  - Pincher Creek Foundation
5. Councillor John MacGarva – Division 5
  - Beavers on the Landscape

Lundbreck Citizens Council

Councillor John MacGarva 23/517

Moved that administration respond to the Lundbreck Citizens Council suggesting that they request SASCI host the grant through the Lethbridge Community Foundation.

Carried

Minutes  
 Council Meeting  
 Municipal District of Pincher Creek No. 9  
 November 28, 2023

Councillor John MacGarva 23/518

Moved to accept the Committee Reports as information.

Carried

Coffee with Council Discussion – Summerview

Councillor Harold Hollingshead 23/519

Moved that MD of Pincher Creek discontinue using Mag30 as dust suppression on MD roads.

Motion Lost

Councillor Rick Lemire 23/520

Moved that the discussion on the coffee with Council on November 16, 2023 be accepted as information, with the following mentions:

- Staff to be introduced at the next coffee meeting
- Chair to have anyone using offensive language warned, then removed
- Over all was a great turnout with lots of relevant information

Carried

## G. ADMINISTRATION REPORTS

### 1. Operations

#### a) Public Works Operations Report

Councillor Tony Bruder 23/521

Moved that Council receive the Public Works Operations Report, including the call log, for the period November 8, 2023 to November 20, 2023 as information.

Carried

#### b) Utilities & Infrastructure Report

Councillor Tony Bruder 23/522

Moved that Council receive the Utilities & Infrastructure Report for the period November 8, 2023 to November 21, 2023 as information.

Carried

Raw Water Storage; Sizing and Grant Contribution

Councillor Tony Bruder 23/523

Moved that Council approve a \$5,000,000 grant application under Alberta Municipal Water/Wastewater Partnership (AMWWP) for a dependable water supply.

Carried

Brendan Schlossberger left the meeting at this time, the time being 7:38 pm.

Minutes  
 Council Meeting  
 Municipal District of Pincher Creek No. 9  
 November 28, 2023

c) STARS Vigilant Services Report

Councillor Rick Lemire 23/524

Moved that Council approve the use of STARS Vigilant Services for 2024 at a cost of \$16,140;

AND FURTHER that it be included as part of the 2024 operating budget.

Carried

2. Finance

3. Development and Community Services

a) Northern and Regional Economic Development (NRED) Grant

Councillor Tony Bruder 23/525

Moved that Council approve the grant application for the Northern and Regional Economic Development (NRED) program, for the Renewable Energy Analysis and Review.

Carried

Patrick Gauvreau left the meeting at this time, the time being 7:40 pm.

b) Notice of Public Hearing – Bylaw No. 1165 (Municipality of Crowsnest Pass)

Councillor Rick Lemire 23/526

Moved that Council receive the Notice of Public Hearing – Bylaw No. 1165, from the Municipality of Crowsnest Pass as information and direct Administration if any comments are required.

Carried

4. Municipal

a) Administrative Support Activity

Councillor John MacGarva 23/527

Moved that Council receive for information, the Administrative Support Activity report for the period of November 10, 2023 to November 24, 2023.

Carried

b) Cancellation of December Meeting

Councillor Rick Lemire 23/528

Moved that the regularly scheduled Council Committee Meeting and Council Meeting of December 26, 2023 be cancelled;

AND FURTHER THAT that if there is an emergent need to have a meeting during this time that an appropriate date and time be set.

Carried

Minutes  
 Council Meeting  
 Municipal District of Pincher Creek No. 9  
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c) Pincher Creek Emergency Services Funding Formula

Councillor Tony Bruder 23/529

Moved that the MD of Pincher Creek accept the Town of Pincher Creeks funding formula for the Pincher Creek Emergency Services, for one year, at such time it shall be reviewed.

Carried

d) Lundbreck Pathway (Oakley Drive)

Harold Hollingshead 23/530

Moved that administration be directed to respond to the ratepayer stating that no pathway will be built in Lundbreck between Oakley Drive and Patton Park in 2024,

AND THAT if they wish to have this project reviewed, to attend a future Council meeting to discuss.

Carried

H. CORRESPONDENCE

1. For Action

a) Breakfast with Santa – Heritage Acres, December 2 from 9 to noon

Due to prior commitments, Council will be unable to attend the Breakfast with Santa this year.

Meghan Dobie left the meeting at this time, the time being 7:55 pm.

2. For Information

Emerging Trends in Municipal Law – Virtual

Councillor Tony Bruder 23/531

Moved that administration arrange for the virtual Emerging Trends in Municipal Law on February 15, 2023,

AND THAT any interested Councillors be authorized to attend.

Carried

Councillor Rick Lemire 23/532

Moved that the following be received as information:

- a) Community Policing Report – CNP
  - Community Letter
  - Crime Statistics
  - RCMP Policing Report
- c) Thank you from Group Group Youth
- d) Regular Meeting of the Foothills Little Bow Municipal Association
- e) Candlelight Church Service
  - Invitation from Heritage Acres

Carried

I. NEW BUSINESS

J. CLOSED SESSION



Minutes  
 Council Meeting  
 Municipal District of Pincher Creek No. 9  
 November 28, 2023

Councillor John MacGarva 23/533

Moved that Council move into closed session to discuss the following, the time being 8:00 pm:

- a) Beaver Mines Water and Sewer Exemption – FOIP Sec. 24.1.a
- b) CAO Performance Appraisal – FOIP Sec. 19.2

Councillor John MacGarva 23/534

Moved that Council move out of closed session, the time being 8:34 pm.

Carried

- a) Beaver Mines Water and Sewer Exemption

Councillor Tony Bruder 23/535

Moved that administration be directed to write a letter to owner regarding Beaver Mines Water and Sewer Exemption, as discussed in closed session.

Carried

K. ADJOURNMENT

Councillor Harold Hollingshead 23/536

Moved that Council adjourn the meeting, the time being 8:35 pm.

Carried

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REEVE

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CHIEF ADMINISTRATIVE OFFICER

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# OLDMAN RIVER BASIN

## Oldman Reservoir Operations 2023-2024 Overview

Presentation to the MD of Pincher Creek

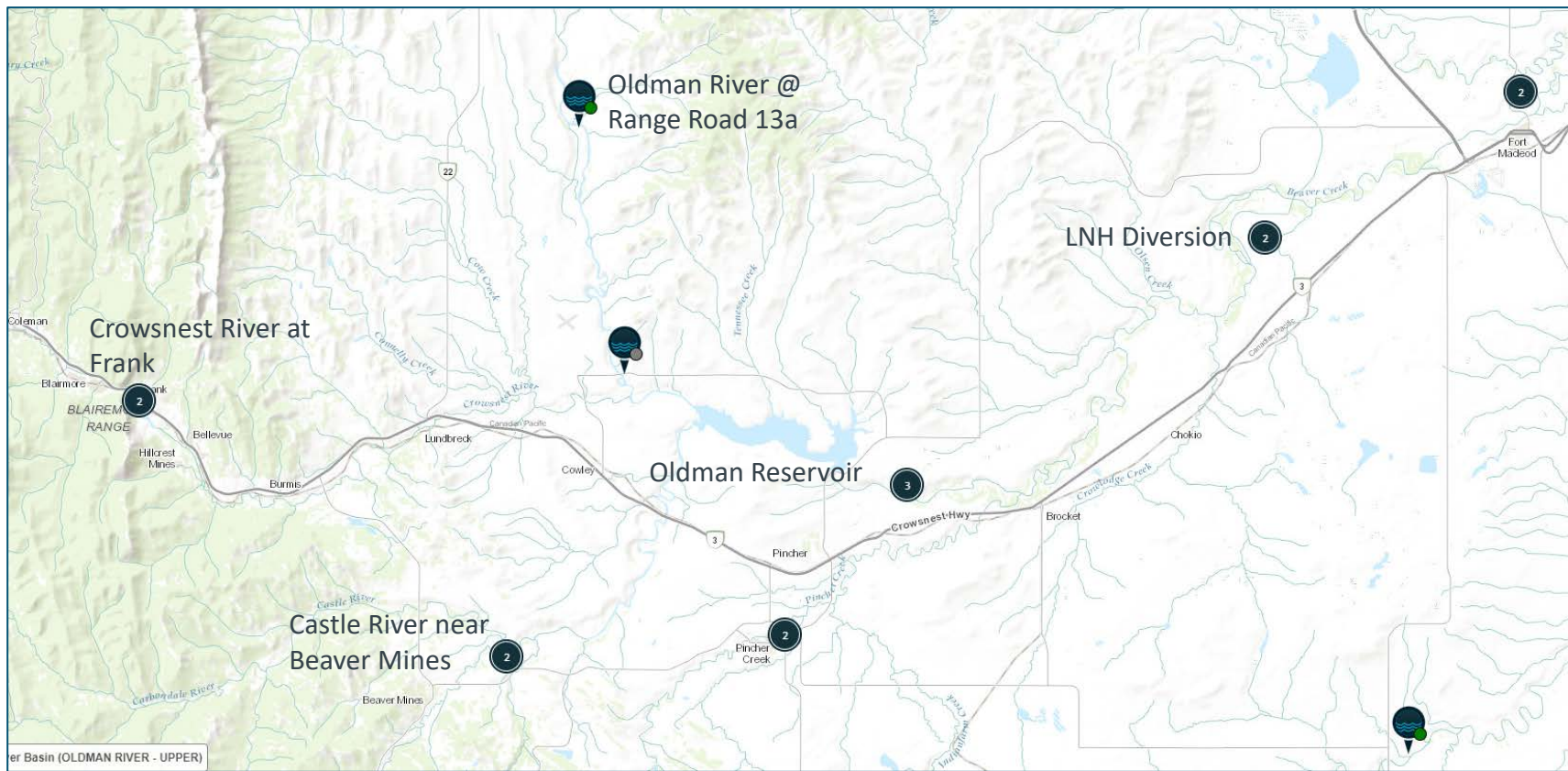
November 28, 2023

# Agenda

- 1 System Overview
- 2 Operating Plan
- 3 Apportionment
- 4 2023 Overview
- 5 Real Time Data
- 6 Water Supply Outlook
- 7 Questions

# System Overview

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# Operating Plan

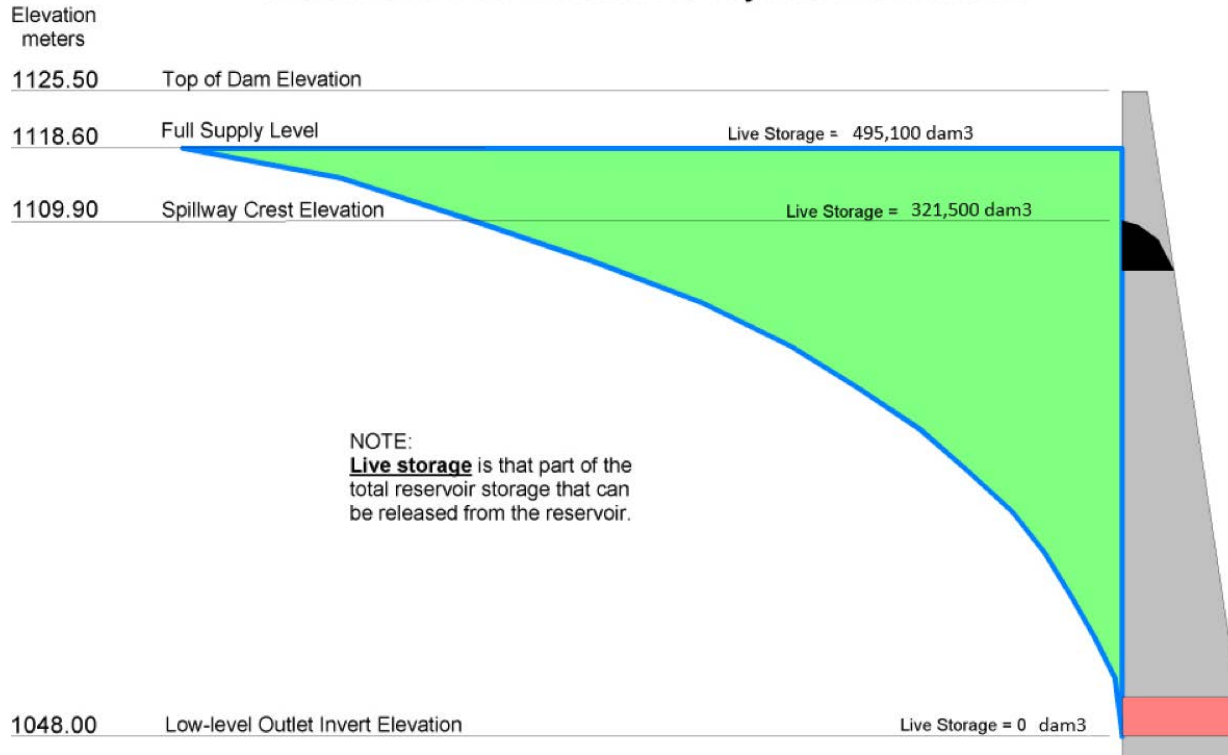
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# Operating Plan

- Reservoir Management
  - Physical Characteristics
  - Operating Rule Curve
  
- Reservoir Releases
  - Irrigation Demand
  - Fish Rule Curve (FRC)
  - Minimum Downstream Flow

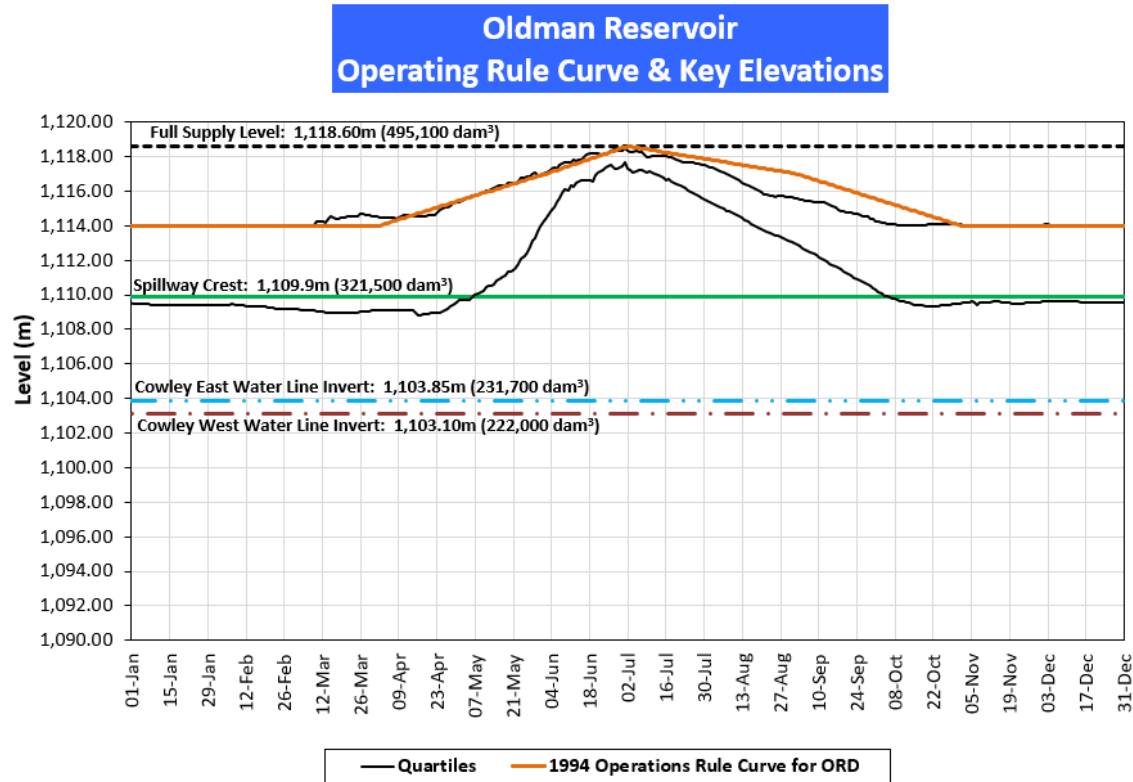
# Operating Plan – Physical Characteristics

Oldman River Dam and Reservoir Physical Characteristics



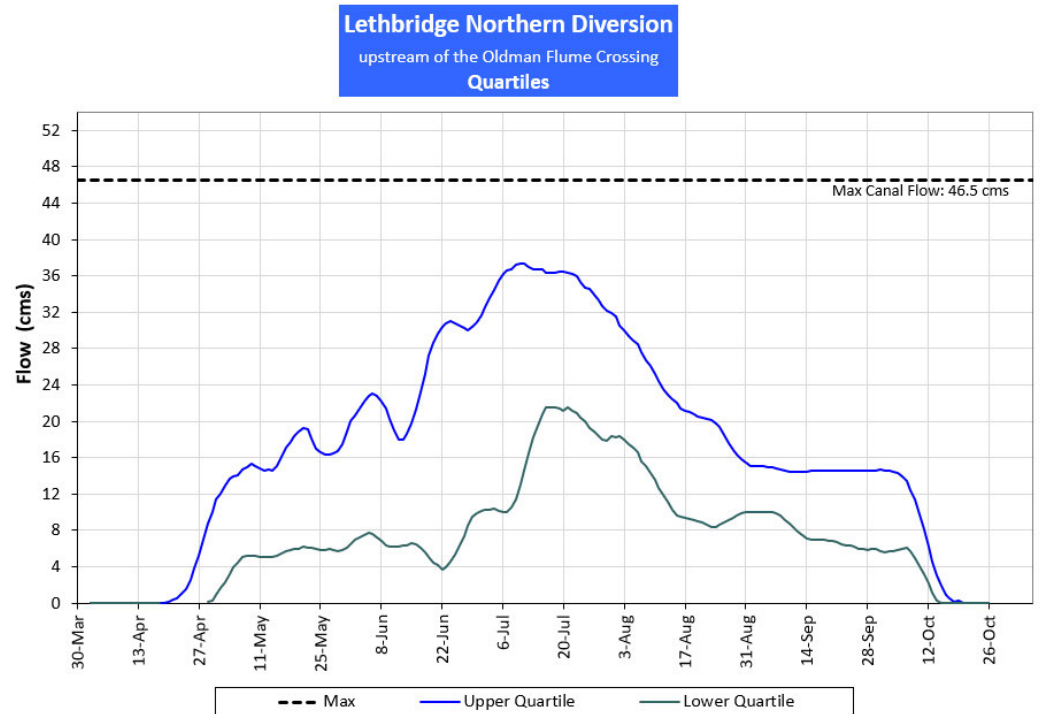


# Operating Plan – Operating Rule Curve

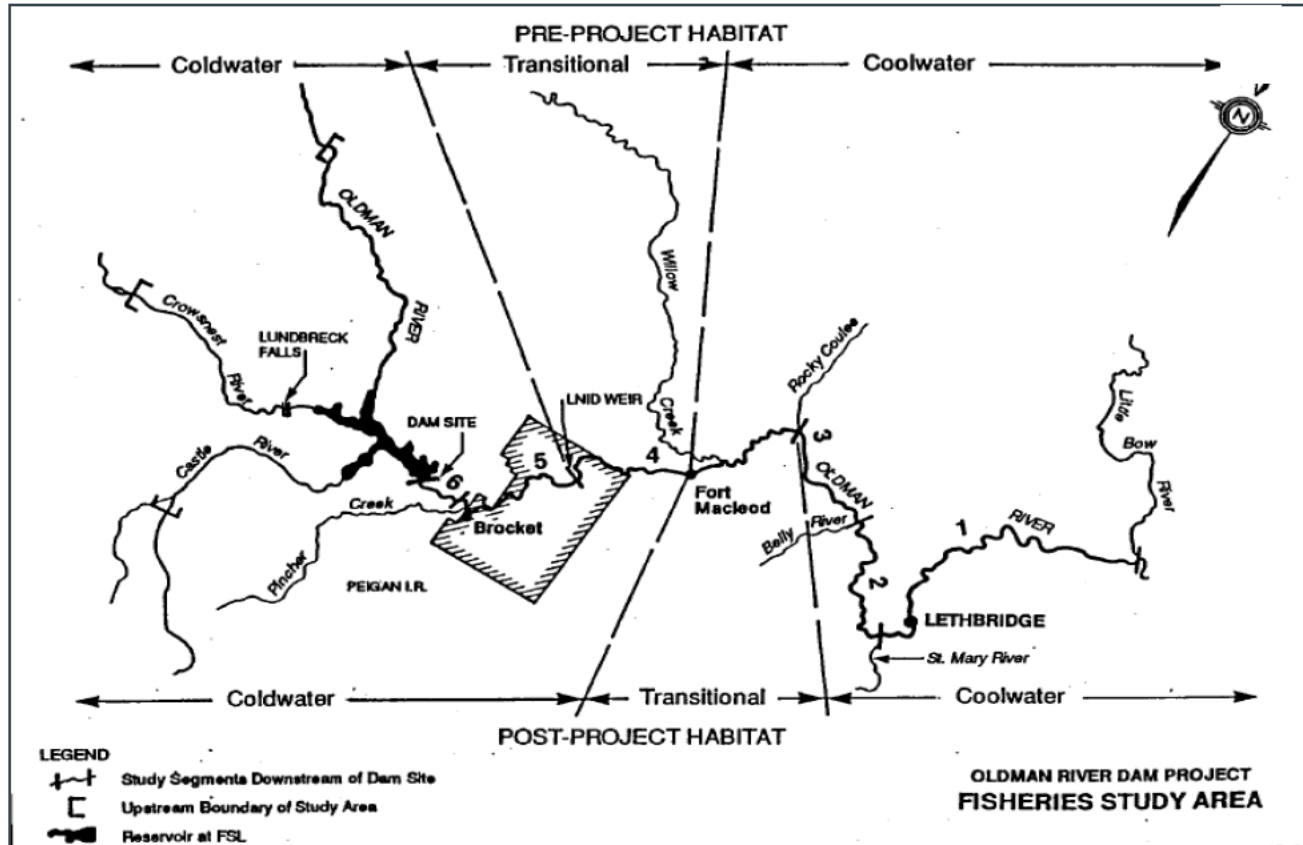


# Operating Plan – Irrigation Demand

- Irrigation demand is weather dependent and can vary significantly from year to year
- Lethbridge Northern Headworks Canal has a maximum capacity of **46.5cms**
- LNID has a total licensed yearly volume of **412,540 dam<sup>3</sup>**
- Since 2001 LNID has taken an average of 57% of their licensed yearly volume.



# Operating Plan – Fish Rule Curve



# Operating Plan – Fish Rule Curve

- Reservoir releases are made to meet irrigation demand and **Licensed Flow Requirements** as determined by the **Fish Rule Curve (FRC)**
- Licensed Flow Requirements** are intended to follow a percentage of **natural flows** and are determined on a daily basis.
- Natural flows indicate what the flow would be at a location if the flow wasn't regulated by a dam
- For the Oldman River Natural Flow is determined in two ways:
  - Segments 4 & 6 are calculated as a function of reservoir storage gain and outflows
  - Other segment natural flows are provided by the Alberta River Forecast Centre throughout the irrigation season

Segment 4. Values for Recommended Fish Rule Curve Flows with Naturalized Flows  
LNID Weir to Rocky Coulee Confluence flow in cubic *metres* per second

% Exceed	Apr Nat	Apr FRC	May Nat	May FRC	Jun Nat	Jun 1-15 FRC	Jun 16-30 FRC	Jul Nat	Jul FRC	Aug Nat	Aug FRC	Sep Nat	Sep FRC	Oct Nat	Oct FRC	Nov Nat	Nov FRC
10	79.6	27.0	215.6	27.0	251.0	27.0	27.0	99.0	27.0	37.0	27.0	29.4	22.0	32.2	20.0	25.7	20.0
20	51.8	27.0	173.3	27.0	196.2	27.0	27.0	89.5	27.0	30.6	27.0	22.9	22.0	23.4	20.0	20.0	20.0
30	46.0	23.0	159.3	23.0	171.5	23.0	22.7	71.8	22.7	25.8	22.7	18.2	18.0	19.3	17.5	16.9	16.9
40	40.0	19.0	136.7	19.0	153.9	19.0	18.3	57.2	18.3	22.8	18.3	17.1	16.0	14.7	14.7	14.6	14.6
50	34.4	15.0	128.2	15.0	140.6	15.0	14.0	51.7	14.0	19.3	14.0	13.3	13.0	13.4	12.5	12.9	12.5
60	30.2	13.3	114.5	13.3	125.3	13.3	12.0	40.5	12.0	16.5	12.0	12.3	11.3	12.6	11.5	12.5	11.3
70	23.9	11.7	100.4	11.7	108.4	11.7	10.0	34.6	10.0	15.0	10.0	11.0	9.7	11.5	10.5	11.0	10.2
80	19.3	10.0	90.1	10.0	95.4	10.0	8.5	31.8	8.5	14.3	8.5	10.3	8.5	9.6	9.5	8.8	8.8
90	15.0	10.0	69.7	10.0	68.9	10.0	8.5	23.5	8.5	12.7	8.5	9.4	8.5	8.0	8.5	7.4	7.4

# Operating Plan – Downstream Constraints

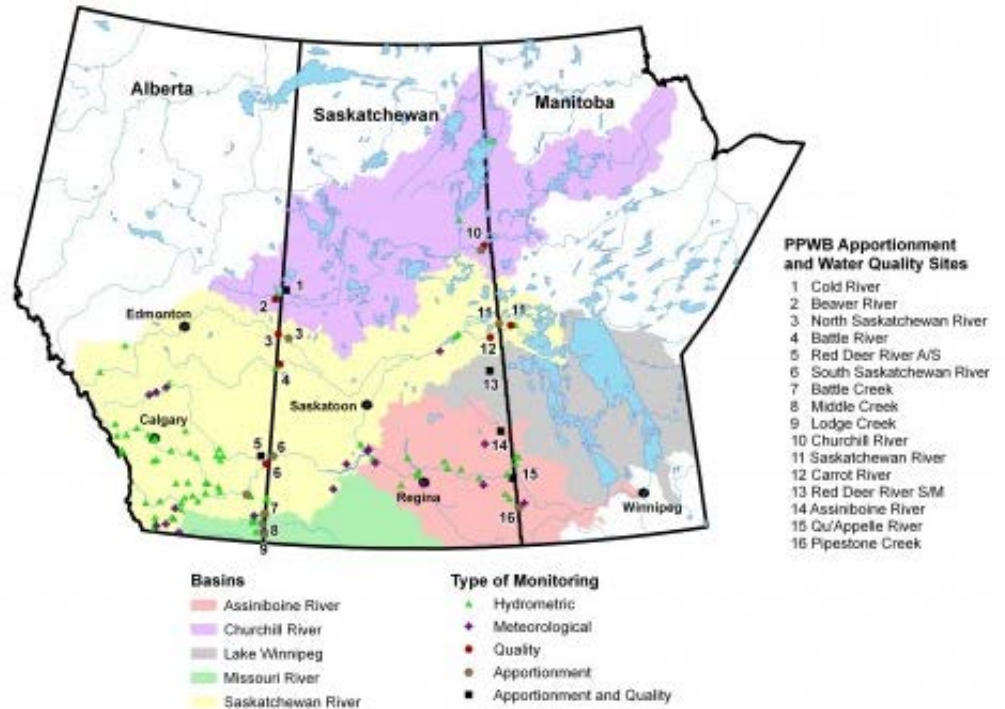
- Winter (December 1 – March 31) Flow Requirement upstream of the Belly River is **6.5cms**
- Winter Flow Requirement at Lethbridge is **11.5cms**
- Instream Objective (IO) on the South Saskatchewan river at Medicine Hat is **42.5cms**. This includes contributions from the Oldman and Bow Rivers.

# Apportionment

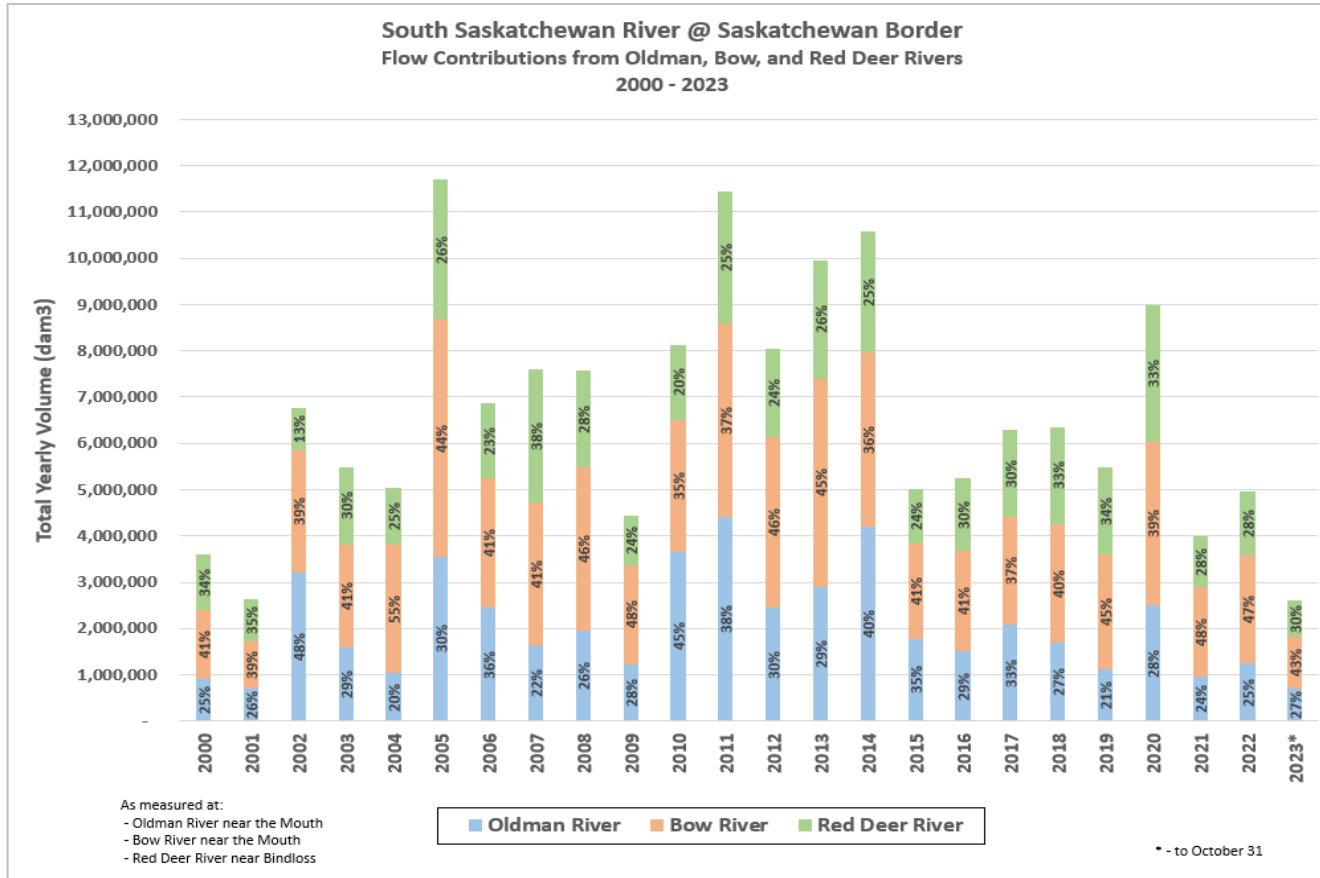
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# Apportionment

- Master Agreement on Apportionment agreed on October 30, 1969 between Alberta, Saskatchewan, and Manitoba
- Flow and volume on South Saskatchewan River form part of this agreement
  - Apportionment agreement with Saskatchewan requires that a minimum of **50%** of flows are passed across the border and that flows are required to be maintained above **1,500cfs (42.5cms)**
  - Alberta is entitled to 2,100,000ac-ft (2,590,300 dam<sup>3</sup>) even if that is greater than 50% of natural flow



# Apportionment



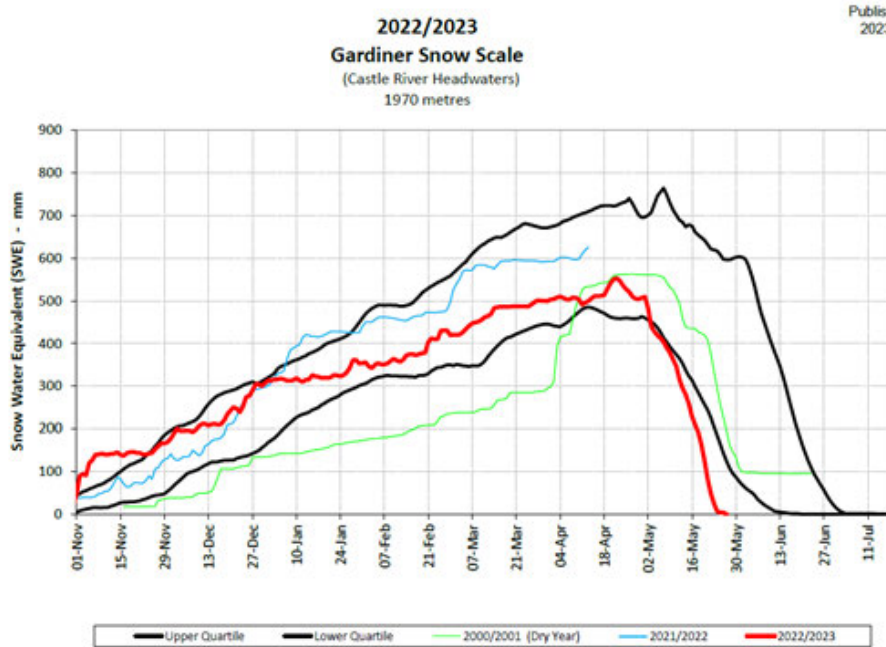


# 2023 Overview

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# Snowpack

- Below average snowpack
- Early melt/runoff led to reservoir filling ~1 month ahead of usual

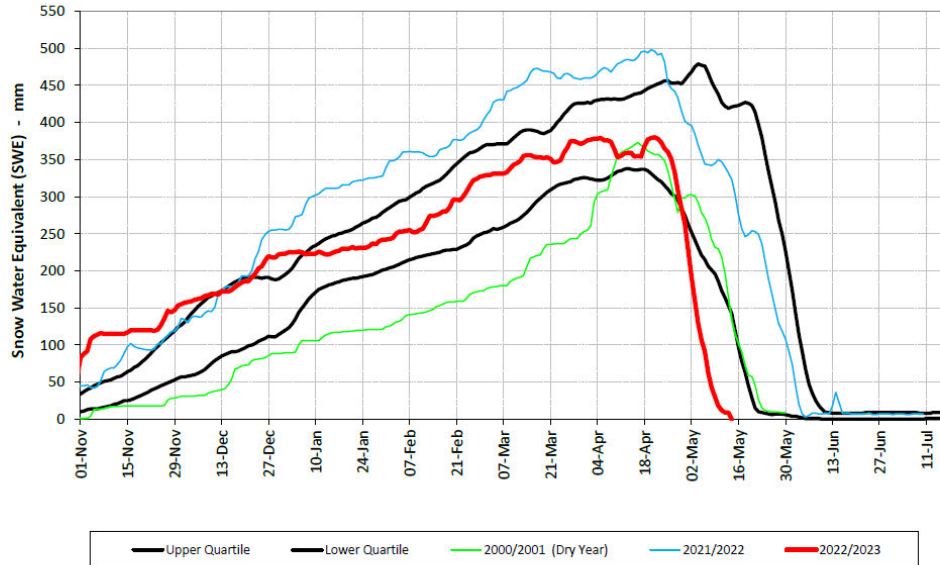


- Gardiner Snow Scale
  - Castle River headwaters
  - Peaked at 82% of average peak last 30 years
  - Complete melt was 3 – 5 weeks ahead of normal values

# Snowpack

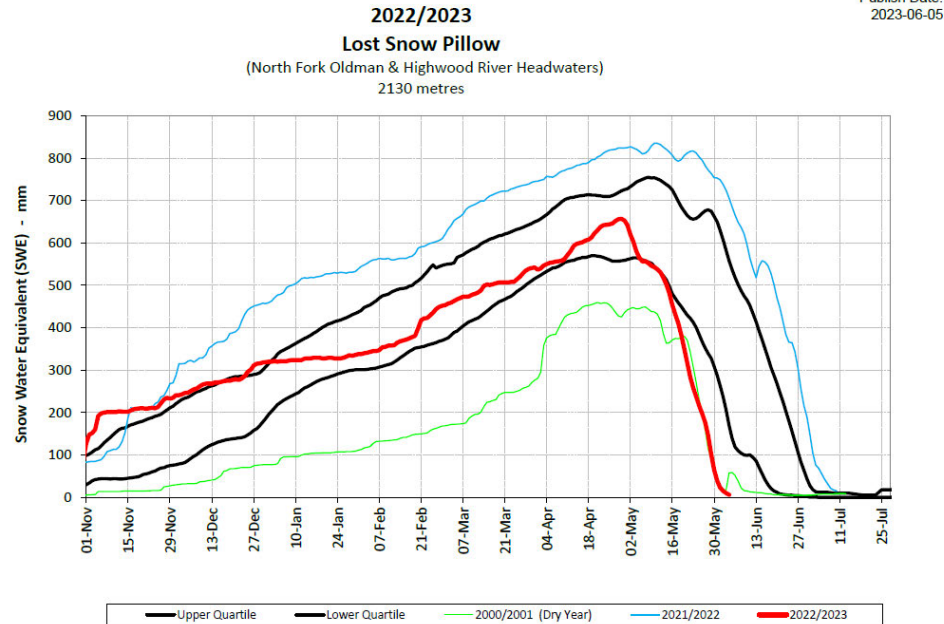
**2022/2023**  
**South Racehorse Snow Pillow**  
(Oldman River Headwaters)  
1920 metres

Publish Date:  
2023-06-05



- South Racehorse Snow Pillow
  - Oldman River headwaters
  - Peaked at 81% of average peak last 30 years
  - Complete melt was 3 – 4 weeks ahead of normal values

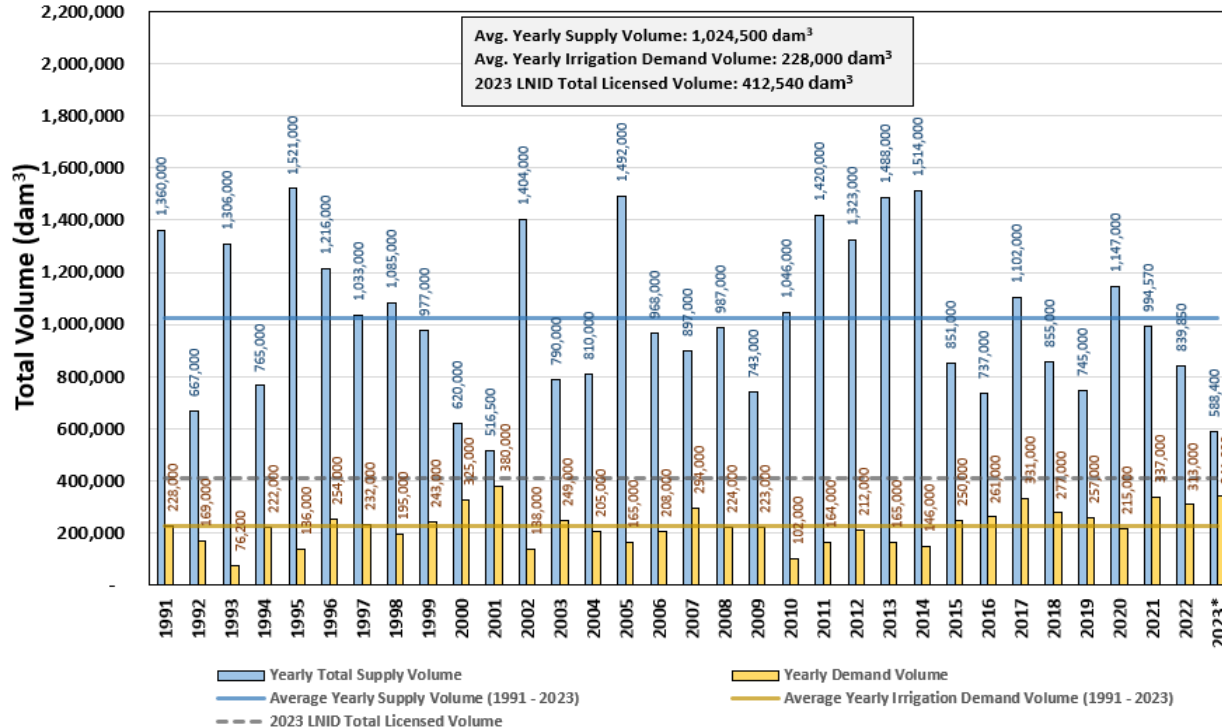
# Snowpack



- Lost Creek Snow Pillow
  - Oldman River headwaters
  - Peaked at 89% of average peak last 30 years
  - Complete melt was 3 – 5 weeks ahead of normal values

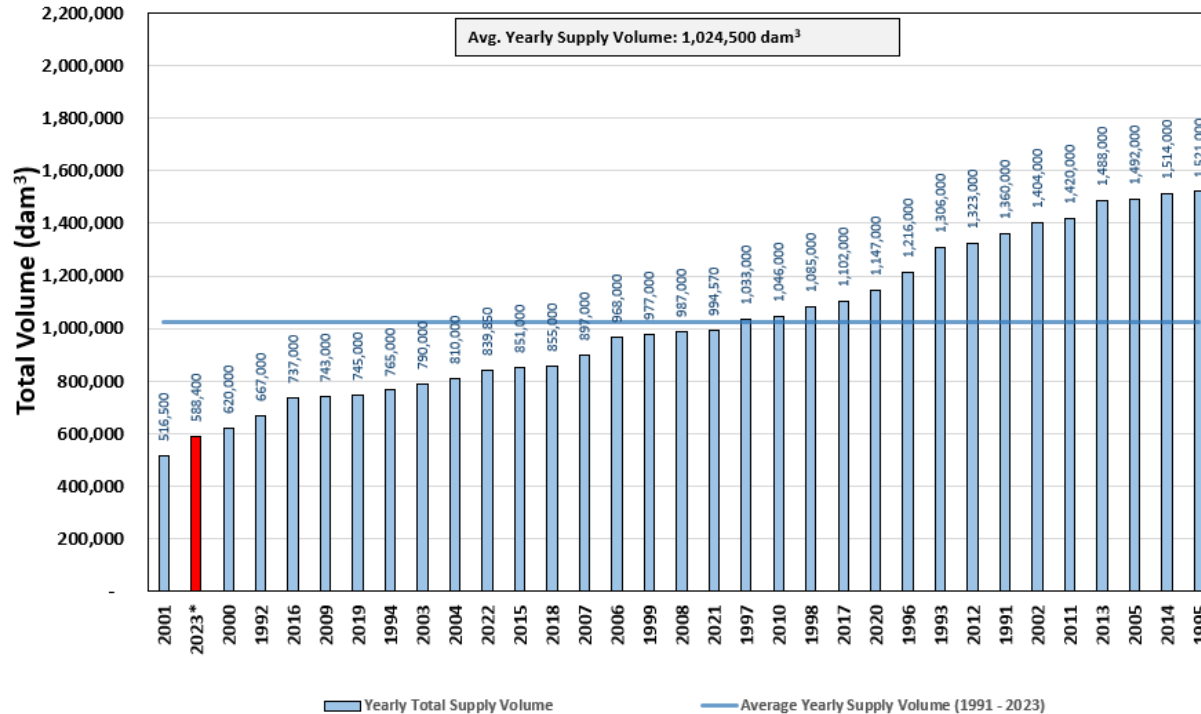
# Water Supply & Irrigation Demand

Oldman River Dam  
Total Yearly Monitored Inflow Volume & Irrigation Demand Volume  
1991 - 2023



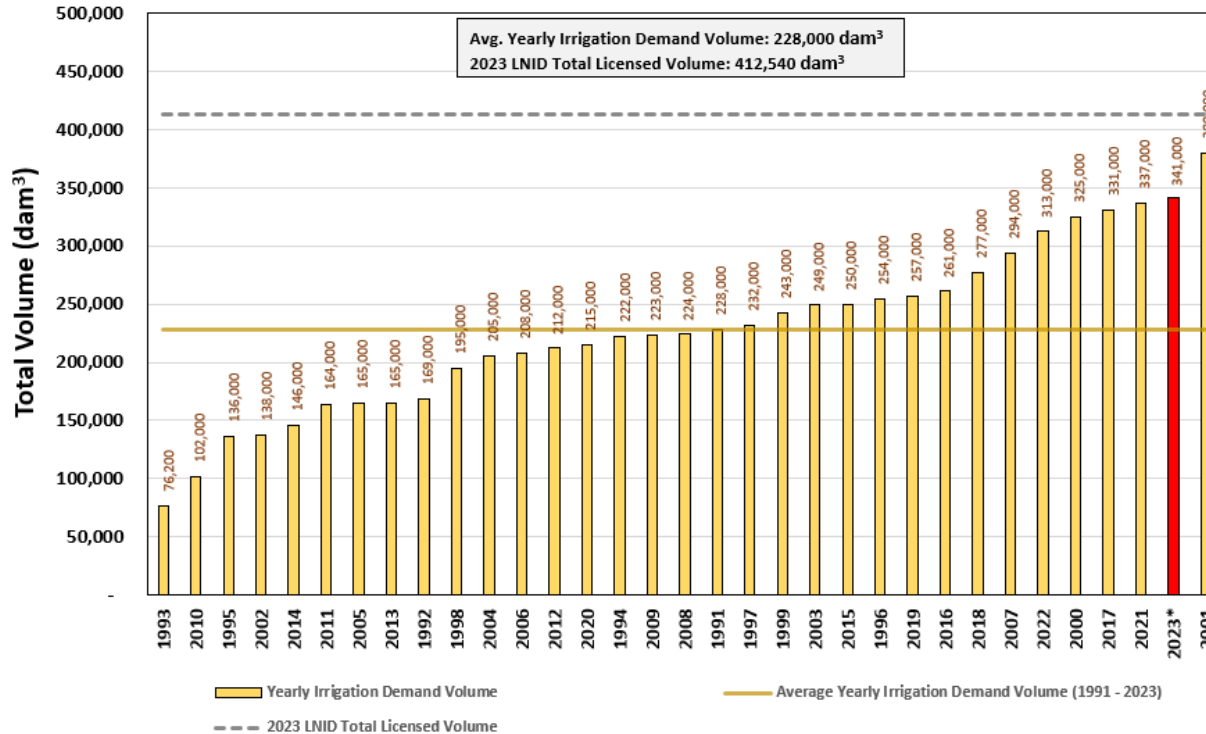
# Water Supply

Oldman River Dam  
Total Yearly Monitored Inflow Volume  
1991 - 2023



# Irrigation Demand

Oldman River Dam  
Total Yearly Irrigation Demand Volume  
1991 - 2023



# Impact of 2023 Canal Repairs

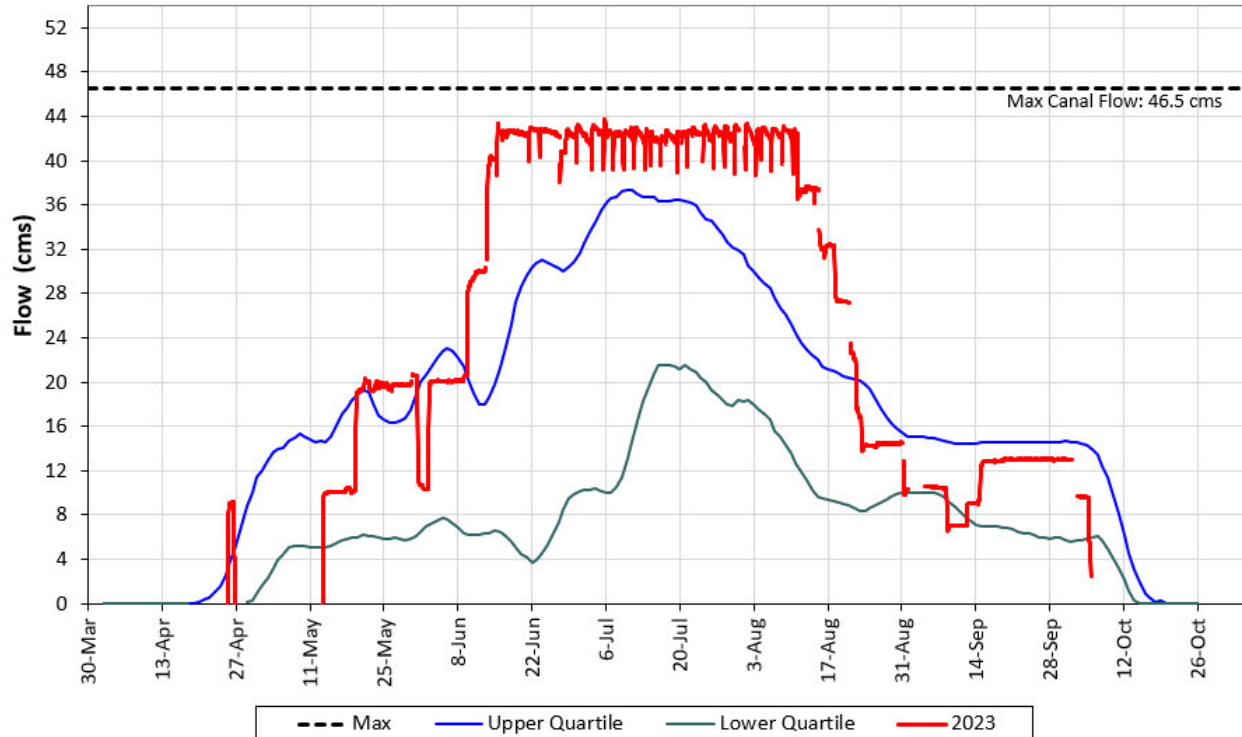
- Liner replacement from kilometre 2+300 to 6+020
- Deficiencies and subsequent repair work resulted in a delayed start up and slower increases in flows
- Due to the delay, irrigation withdrawals were taken at near maximum for longer than typical





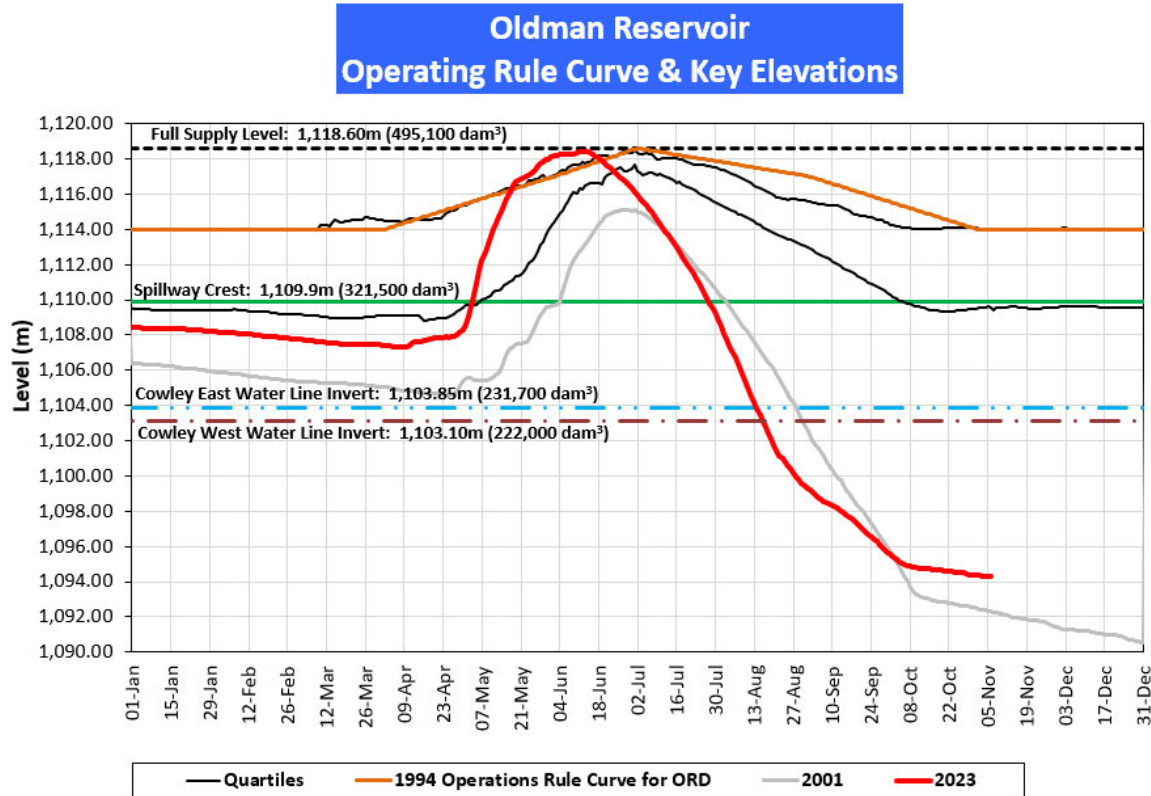
# Irrigation Demand

Lethbridge Northern Diversion  
upstream of the Oldman Flume Crossing  
Quartiles



# Reservoir Status

- Current Level: (2nd lowest since filling)

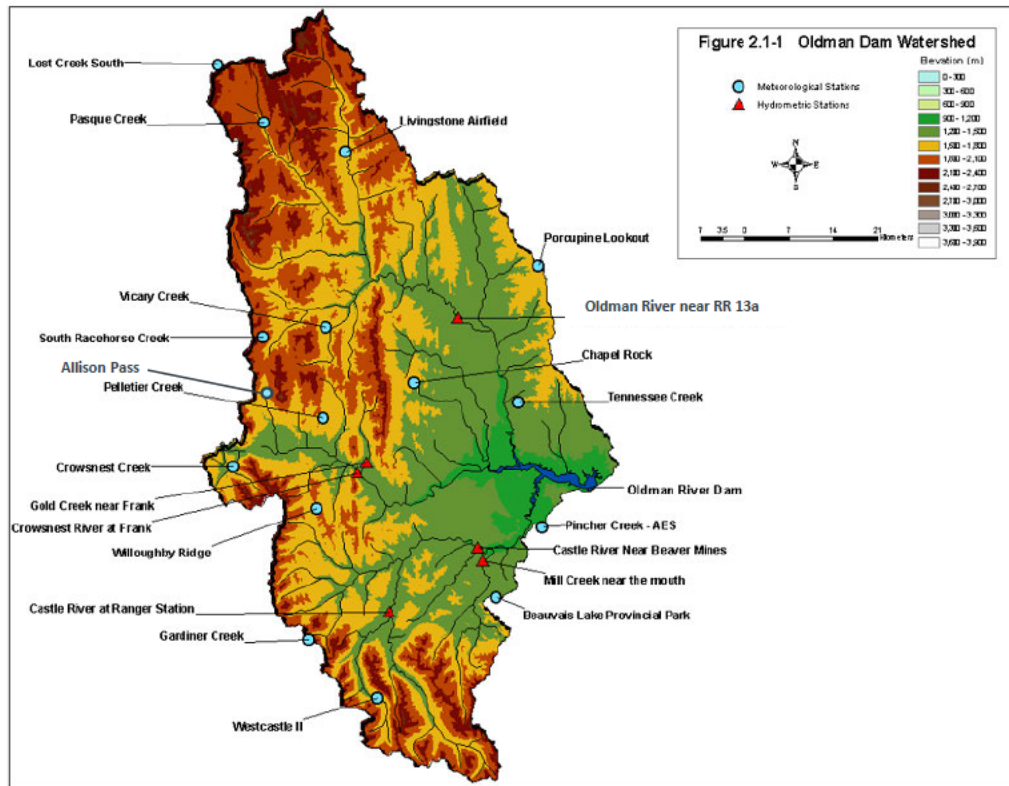


# Real Time Data

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# Relevant Meteorological and Hydrometric Stations

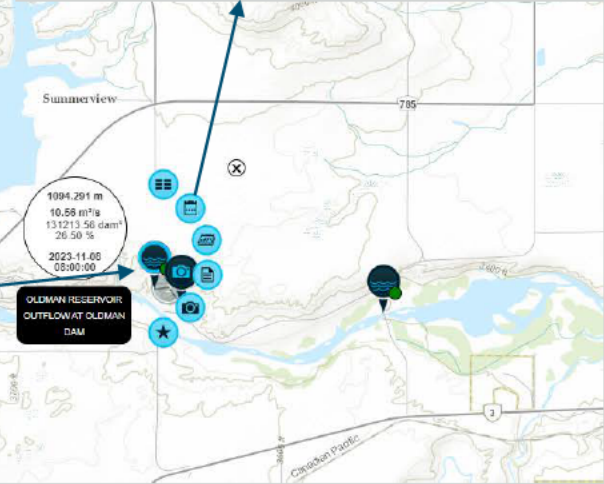
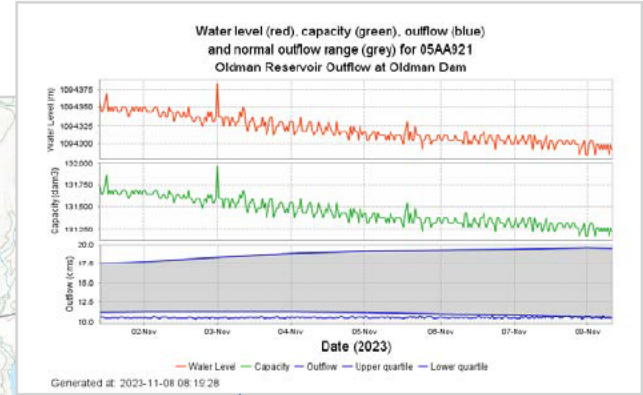
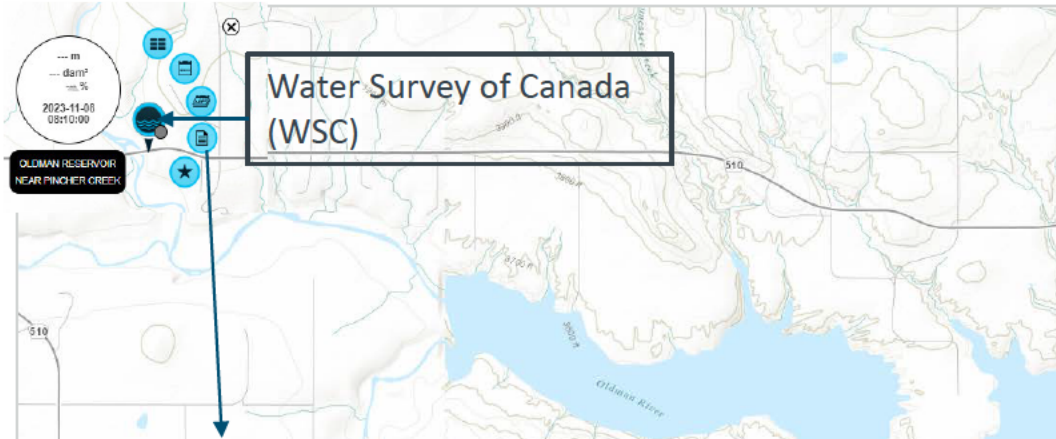
- Near Real-time snowpack data is available at [rivers.alberta.ca](http://rivers.alberta.ca)
- Snow Pillows relevant to Oldman Reservoir:
  - Gardiner Creek
  - South Racehorse Creek
  - Lost Creek
- Snow surveys are conducted monthly, typically starting in December. Relevant sites:
  - Snow pillow sites
  - Allison Pass
  - Westcastle II



# Relevant Flow and Water Level Stations

- Key stations monitoring inflow to Oldman Reservoir
  - Castle River near Beaver Mines
  - Crowsnest River at Frank
  - Oldman River at Range Road 13a
  - Mill Creek at the Mouth
- Key stations monitoring flows downstream of Oldman Reservoir
  - Oldman Reservoir Outflows
  - Oldman River near Brocket
  - LNID near the flume (canal diversions)
  - Oldman River at Lethbridge
- Key stations monitoring Reservoir Level
  - Oldman Reservoir (Water Survey of Canada) (*inactive as of August 3, 2023 due to reservoir being below orifice line located at approx. 1,107.77m*)
  - Oldman Reservoir Outflow (WIOB SCADA water level) (*currently active on [rivers.alberta.ca](https://rivers.alberta.ca)*)

# Water Level Stations



Oldman Reservoir near Pincher Creek | Reports

ORD & Keho Reservoirs

Date	Oldman Reservoir			Keho Reservoir		
	FSL: 1118.6 m Capacity: 495,056 dam <sup>3</sup> % Full	Total River Release m <sup>3</sup> /s	LNID Diversion	Total Irrig. Flow m <sup>3</sup> /s	FSL: 964.2 m Capacity: 95,600 dam <sup>3</sup> % Full	Total Irrig. Release m <sup>3</sup> /s
Oct 27	25.8	10.5	n/a	83.8	37.2	
Oct 28	25.8	10.4	n/a	83.7	37.2	
Oct 29	26.7	10.4	n/a	83.6	37.2	
Oct 30	26.7	10.4	n/a	83.7	37.2	
Oct 31	26.7	10.5	n/a	83.7	37.2	
Nov 01	26.6	10.5	n/a	83.6	37.2	
Nov 02	26.6	10.5	n/a	83.7	37.2	
Nov 03	26.6	10.5	n/a	83.8	37.2	
Nov 04	26.5	10.6	n/a	83.7	37.2	
Nov 05	26.5	10.6	n/a	83.6	37.2	
Nov 06	26.5	10.6	n/a	83.6	37.2	
Nov 07	26.5	10.6	n/a	83.7	37.2	

Alberta Agriculture and Irrigation SCADA

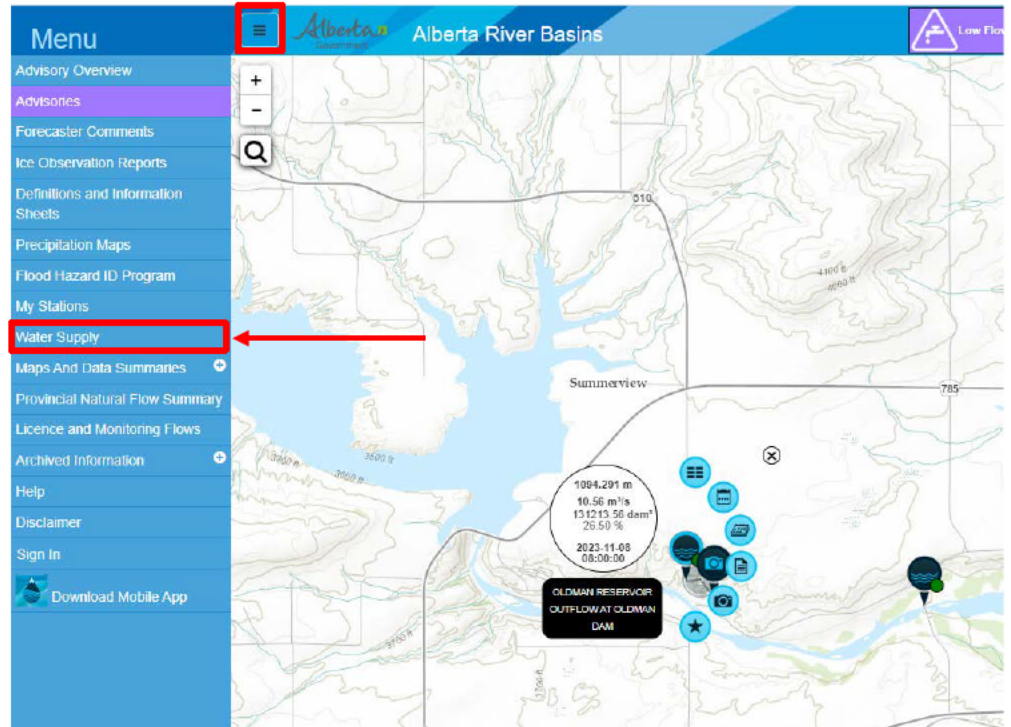
# Water Supply Outlook

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# Published Water Supply Outlooks

- Water Supply Outlooks are published monthly from January to August
- Prepared by Alberta Environment & Protected Areas River Forecasting Centre
- Projections for major rivers based on current conditions





# Published Water Supply Outlooks

Water Supply Outlook for Alberta May 2023

May 2023 / [Overview](#)

## Mountain runoff forecasts (natural volumes for March to September 2023)

### Milk River basin

- Below average for the March to September 2023 period
- Below average for [May to September](#)
- [March-April recorded volumes](#) are above average to much above average

### Oldman River basin

- Much below average to below average for the March to September 2023 period
- Much below average to average for [May to September](#)
- [March-April recorded volumes](#) are much below average to below average

### Bow River basin

- Much below average to below average for the March to September 2023 period
- Much below average to below average for [May to September](#)
- [March-April recorded volumes](#) are much below average to below average

### Red Deer River basin

- Below average for the March to September 2023 period
- Below average for [May to September](#)
- [March-April recorded volumes](#) are much below average

### North Saskatchewan River basin

- Below average to average for the March to September 2023 period
- Average for [May to September](#)
- [March-April recorded volumes](#) are much below average

Water Supply Forecast as of May 1, 2023 - Oldman River Basin (Natural Flows)

Locations	Volume Forecast for March 1 to September 30, 2023					Recorded March-September 2022 Volume as a % of Average
	Volume in dam <sup>3</sup>	Volume as a % of Average	Probable Range as a % of Average	Potential Minimum as % of Average	Forecast Ranking (lowest to highest)	
St. Mary River	473,000*	70	61-85	53	10/99	107
Belly River	198,000	85	79-91	74	22/99	104
Waterton River	421,000	77	68-86	60	17/99	108
Oldman River near Brocket	764,000	78	71-84	65	21/99	97
Oldman River at Lethbridge	2,100,000	74	63-87	52	18/99	85

\* - This value is the natural volume and includes the U.S. share  
Average is calculated for the March 1 to September 30 period from 1981 to 2009

Ranking is based on the period 1912 to 2009

**NOTE:** There is a 50% chance that the actual natural flow will fall within the probable range given; a 25% chance that the actual flow will be less than the lower bound of the probable range given; and a 10% chance that the actual natural flow will be less than the potential minimum. Actual day to day streamflow conditions may vary throughout the season as a result of the effects of streamflow diversion and reservoir storage.

# Summary

1

Reservoirs are managed to capture storage while ensuring irrigation and instream flow needs are met

2

2023 saw a combination of low water supply and high irrigation demand resulting in low end-of-season storage

3

Rivers.alberta.ca shows near real-time data on snowpack, river and canal flows, reservoir levels, water supply forecasts.

# Questions?

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**ELECTRIC LTD**  
**BOX 1536**  
**PINCHER CREEK, AB.**  
**T0K 1W0**  
**T0K 1W0**



**GENERATORS & SOLAR**  
 A division of Riteline Electric Ltd.

# Invoice

Invoice To
PINCHER CREEK AG SOCIETY BOX 326 PINCHER CREEK, ALBERTA T0K 1W0

Date	Invoice #
11/20/2023	18844

P.O. No.	Terms	Project
	Due on receipt	

Description	Qty	UOM	Rate	Amount
ELECTRICAL: WORK ORDER #10573 INSTALL POINT TO POINT RADIOS ON COMMUNITY HALL AND AG BUILDING PULL WIRE FOR RADIOS AND CONNECT RUN CONDUIT FOR CAT6 IN PAVILION PULL AND TERMINATE CAT6 CABLES INSTALL BOOSTERS AND CONTROL BOX, POWER PLUG FOR RECEIVER AND INSTALL RECEIVER				
TOUGH COUNTRY TIME AND MATERIALS	1		1,795.00	1,795.00T
HOF ASE12x12x4NK Pull Box, Screw Cover	1		89.75	89.75T
CAT6CMR4PR/23 DATA CABLE	130	M	1.50	195.00T
IBV CI5106 3/4" ZINC EMT S-SCREW COUPLING	4		0.50	2.00T
IBV CI5006 3/4" ZINC EMT S-SCREW CONN	2		0.50	1.00T
RJ45 COUPLER UGREEN 20390P5	10		4.25	42.50T
SCF 3/4" EMT CONDUIT	50	FT	2.05	102.50T
IBV CI5004 1/2" ZINC EMT S - SCREW CONNECTORS	6		0.35	2.10T
IBV CI1304 1/2" 1 HOLE EMT STRAP	3		0.10	0.30T
SCF 1/2" EMT CONDUIT	20	FT	1.30	26.00T
TZ-34/8 GENIE LIFT DAILY	2	DAYS	200.00	400.00T
LABOR ----- LES	16	HR	70.00	1,120.00T
LABOR ----- GODFREY	7.5	HR	85.00	637.50T
LABOR ----- RILEY	8	HR	65.00	520.00T
Subtotal				4,933.65
Discount:			-1,183.65	-1,183.65
Subtotal				3,750.00
GST On Sales			5.00%	187.50

Thank you for choosing Riteline Electric. We appreciate your business!			<b>Total</b>	\$3,937.50
Phone #	Fax #	E-mail	<b>Payments/Credits</b>	\$0.00
403-627-5756	403-627-1575	office@ritelineelectric.com	<b>Balance Due</b>	\$3,937.50

REQUEST ID NUMBER	Internal/External	DIVISION	CONCERN/REQUEST	REQUEST DATE	ACTION TAKEN	FOLLOW UP	COMPLETION DATE
2023-157	External	Division 1	Would like the road graveled. West section of Mitchell Road. By Island lake. If gated is locked call Bill	July 13, 2023	Scheduled for later date	To be inspected	
2023-167	External		Access off highway road need to be graded to bottom of hill	July 31, 2023	To be actioned	Question on who owns road.	
2023-179	External	Division 3	Purchased gravel from us, and wasn't home when delivered. would like gravel leveled out , and spread around evenly.	August 15, 2023	Completed	PW to inspect	
2023-192	External	Division 3	Lundbreck Mobile park green space has lots of damage from MD's heavy equipment on the soft ground and now they are unable to mow the grass. Hoping to get it fixed, she will be sending the pictures to PW Email	August 28, 2023	Completed	Contact Contractor	October 1, 2023
2023-208	External	Division 3	Our grader hit his sign a while back so he called and ordered a sign from us 2-3 months ago. Wondering when it will be in.	September 7, 2023	Scheduled for later date	Sign is to be ordered by Development next round	
2023-245	External	Division 1	Driveway grading.	October 10, 2023	Completed		
2023-258	External	Division 3	Snowfence Needs Repair	October 13, 2023	Scheduled for later date	2024 Gravel Season	
2023-260	External	Division 3	Driveway Grading	October 13, 2023	To be actioned	To be done when caught up	
2023-261	External	Division 3	Hoping to get driveway graded, been on the list a while as there was a mixup with his previous property	October 13, 2023	To be actioned	To be done when caught up	
2023-262	External	Division 3	Driveway grading	October 16, 2023	To be actioned	To be done when caught up	
2023-264	External	Division 5	talked to someone last year regarding snow fence in Burmis Mountain Estates - by Hiawatha Campground. Just following up if someone could give him a call.	October 16, 2023	To be actioned	Solution being worked on	
2023-266	External	Division 2	Driveway Grading	October 16, 2023	Completed	To be done when caught up	
2023-268	External		RR 29-3A starting at TWP 6-4 top of the hill, grading is not cutting it, it also needs gravel, after the moisture it is a rutted out mess again	October 17, 2023	To be actioned	Graveling halted due to weather	

REQUEST ID NUMBER	Internal/External	DIVISION	CONCERN/REQUEST	REQUEST DATE	ACTION TAKEN	FOLLOW UP	COMPLETION DATE
2023-270	External	Division 4	called back to give me correct road. RR 29-1 Near the summer view feedlot. they put a speacial tratment on road 4-5 years ago and its starting to break down and there is pretty bad holes that need to be filled. Going up the river hill. About 5 big holes	October 17, 2023	Scheduled for later date	Need to be addressed 2024	
2023-276	External	Division 3	Gravel Purchase (Oct 20 if possible) I informed him it may not happen today	October 20, 2023	To be actioned		
2023-278	External	Division 5	culvert going in at du ranch needs to be changed out. Hiway 3 to chappel rock as the tc enegry ruined road and it needs to be fixed.	October 23, 2023	To be actioned	Culvert with engineers - Graveling halted	
2023-281	External	Division 5	Email stating the repeated calls and complains about the north burmis road that was ruined by TC energy, the residents want it fixed as its pure mud/clay and they are ruining their vehicles/tires	October 24, 2023	To be actioned	Graveling halted due to weather	
2023-284	External	Division 1	Shrubbs and trees in the ditch that should be cut as they will cause issues with the snow. north of railway tracks off 505	October 24, 2023	To be actioned	To be checked	
2023-286	External	Division 5	No gravel left on the road, and has turned to a mud bath, road needs attention asap	October 26, 2023	To be actioned	Graveling halted due to weather - dust control	
2023-294	External	Division 4	TWP 7-3 RR1-1 Road on the way from cowly going east just over the tracks then left to dead end going north.down to clay on the roads, really needs gravel.	November 1, 2023	Completed		
2023-299	Internal		Leaking Gutters	November 6, 2023	Scheduled for later date		
2023-301	External	Division 3	Driveway grading, But wants to talk to you on the phone Tony to explaine where he wants it.	November 6, 2023	To be actioned		
2023-307	External	Division 4	East of the Glider strip we graveled half road but stopped in the middle and never finished. Wondering if we can get the rest done. Called again nov 20th to follow up	November 14, 2023		Would like to speak to someone about gravel. Nov 28	
2023-309	External	Division 3	Culvert is starting to get clogged with trees and debris. Poplars growing in will become a problem as well.	November 20, 2023	To be actioned	Bob to check	
2023-310	External	Division 1	Snow fence is 90% distroyed wondering if we can come fix and clean up. Wondering if we want to pay him to do it? Please call him	November 21, 2023	To be actioned	To be assigned	

REQUEST ID NUMBER	Internal/External	DIVISION	CONCERN/REQUEST	REQUEST DATE	ACTION TAKEN	FOLLOW UP	COMPLETION DATE
2023-311	External	Division 2	Snow fence is damaged and needs to be replaced, or removed. Pleae phone him as he has other concerns in regards to the fence.	November 23, 2023	To be actioned	To be assigned	
2023-312	External	Division 3	Would like gravel from the VanTol Pit. Please call her to make arrangments	November 29, 2023	To be actioned		
2023-313	External		Lowland hights has 2 big potholes that hopefully can get fixed	November 30, 2023	Scheduled for later date		
2023-314	External	Division 3	MD Road TWP 6-4 needs to be repaired and graded.	December 4, 2023	To be actioned		
2023-215	External	Division 3	Pothole in frojnt of house needs fixing as prospective owner is concerned about it	November 29, 2023	Scheduled for later date	Pothole Patch Kits to be used	
2023-316	External	Division 1	Would like Grading finished in driveway (MD road)	December 6, 2023	To be actioned		
2023-317	External		Christie Mine road Potholes north hill by Ken Reeds and also bottom of hill	06-Nov-23	Completed		06-Nov-23

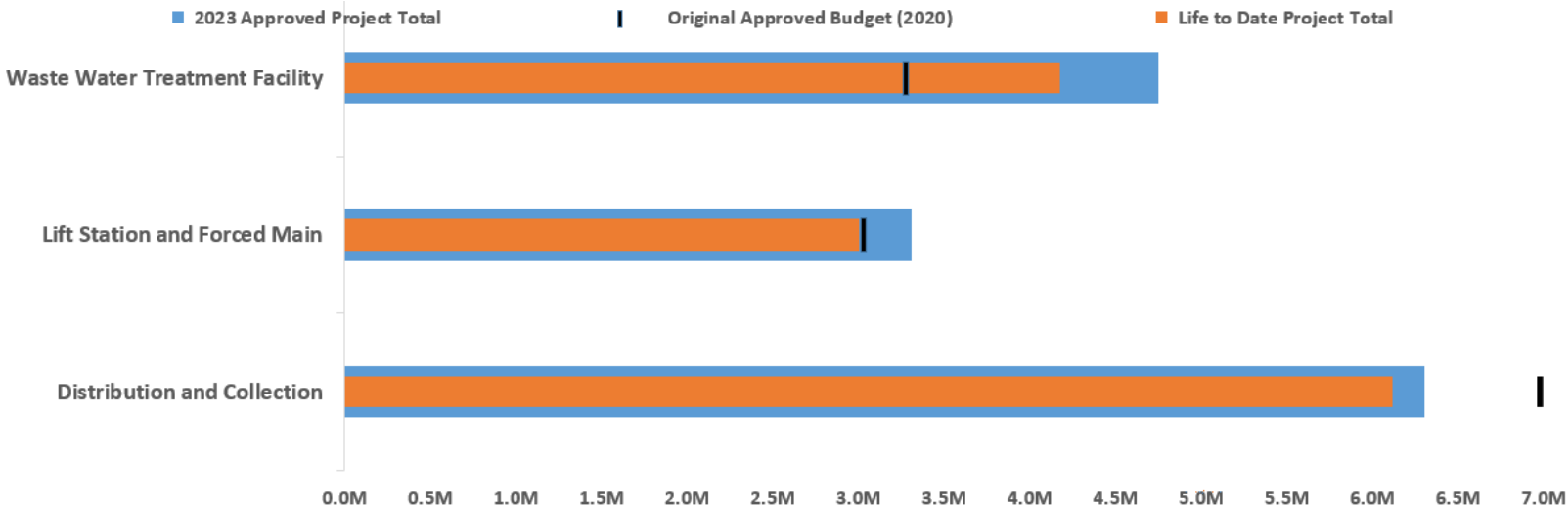


# M.D. OF PINCHER CREEK NO. 9 UTILITIES & INFRASTRUCTURE REPORT

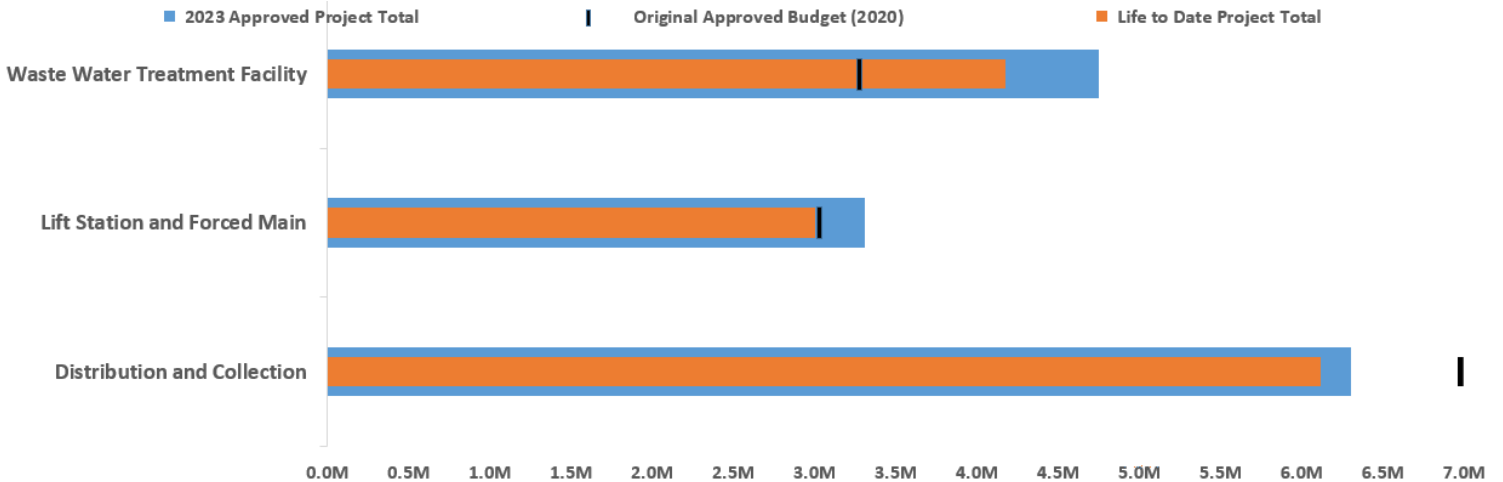
## BEAVER MINES

**Spend as of December 5<sup>th</sup>: \$13,155,740 / \$14,359,848 (92%)**

**December 5<sup>th</sup>: \$13,155,740**



**November 21<sup>st</sup>: \$13,108,000**



- **Beaver Mines Water Distribution, Collection System**
  - Tender was awarded to BYZ on July 21, 2021.
    - 1. BYZ Enterprises Inc. **\$5,468,977.50 (Budget \$6,251,600)**
  - U/G Schedule A & B Completion May 31<sup>st</sup>, 2023 (excluding additional service work)
  - Total performance acceptance complete October 23<sup>rd</sup>, with noted warranty items specifically flagged for review
  - Working to closeout contractual duties related to landowner ROW agreements and remaining related costs. **2 of 5 closed out**
  - Awaiting closeout docs (Record drawings, Op. & Maint. manuals) from MPE. Anticipate before year end



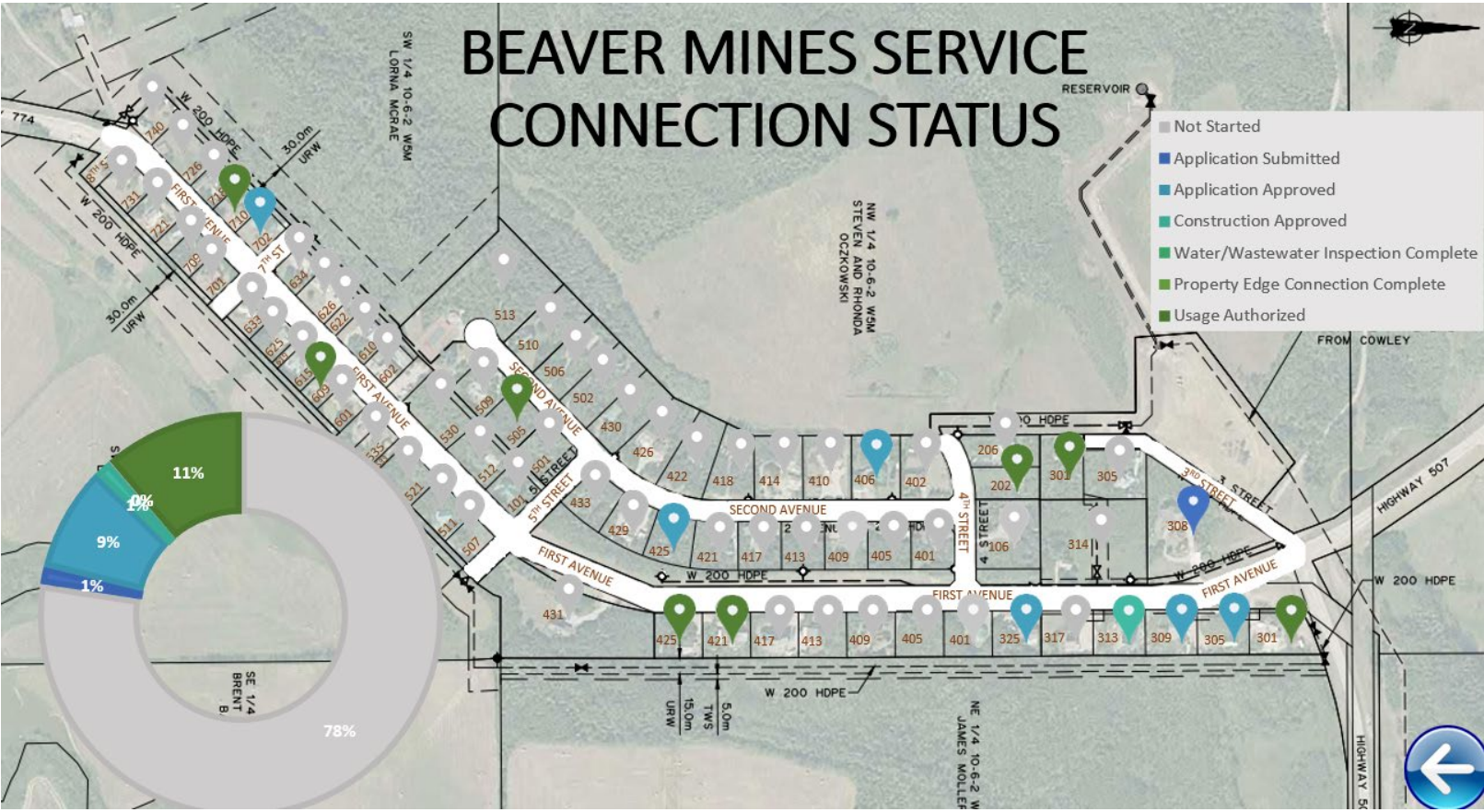
- **Beaver Mines Waste Facility/System**
  - Tender was awarded to BYZ on May 31, 2022  
BYZ Enterprises **\$2,338,309.00 (Original Budget \$2,076,999)**
  - Site works 97% complete. Groundwater monitoring well deficiencies remain among other small deficiencies
  - Collection system is now connected to wastewater site via lift station
  - Substantial Performance has been requested. In discussion with Banner on appropriateness of issuance considering remaining deficiencies
  - Anticipate substantial completion acceptance for **Dec 15<sup>th</sup>**, with deficiencies to be addressed through remainder of year and early 2024
  
- **Beaver Mines Foremain & Lift Station**
  - Tender was awarded to Parcon for Lift Station June 15<sup>th</sup> **\$2,326,091 (Original Budget: \$2,220,000)**
  - Construction awarded to low bidder for forcemain work:
    - TA Excavating: **\$386,925 (Eng. Est. \$600,000)**
  - Long lead generator and electrical control center identified as major point of supply chain delay that has potential for substantial delay. Working with contractor and engineering firm to mitigate this issue
    - Substantial completion is now June 30<sup>th</sup>, 2023 (up and running date)
    - Anticipated total completion: **February 28<sup>th</sup>, 2024**
  - Forcemain complete
  - Site is conveying flow to wastewater site. Substantial completion excluding permanent MCC/generator installation complete
  - **Site experienced a significant incident during crane load test (by Prime Contractor). Failure of brake hoist resulted in roughly 4,000 lbs dropping 10". No personnel hurt. No functionality loss. Damage under assessment**

*Appeal was dropped July 11<sup>th</sup>, 2023 and the file was officially closed by the Alberta Environmental Appeals Board July 14<sup>th</sup>, 2023.*

# Current Water Operations Activity

## Ongoing Water Supply Issues

- Issued a Stage 3 water restriction August 16<sup>th</sup>, 2023
- Beaver Mines Lot Servicing Utility Services Guidelines released May 30<sup>th</sup>, 2023. 6 general and 2 plumbing contractor prequalified to date
  - 17/74 applications reviewed, 16 approved, 11 connected (15%)

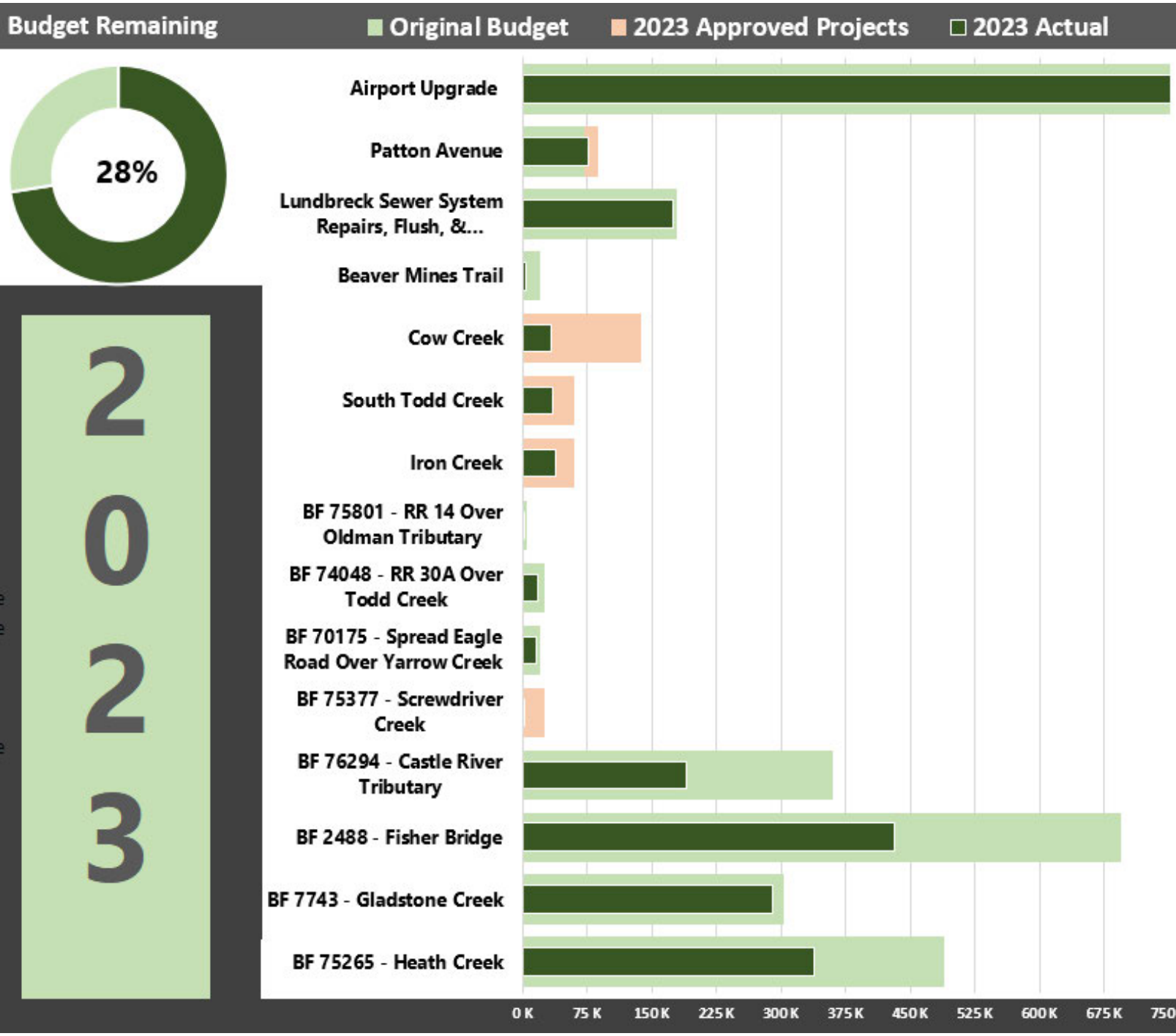


- Hydrant flow testing in BM was completed by PCES and passed for fire flow. PCES is updating the Fire Underwriters Survey with the MD’s assistance
- **Standpipes**
  - Last known issue: June 2023

# Large Capital and Other Projects

Total Approved Budget: \$3,559,000. Spend as of December 5<sup>th</sup>:

\$2,647,243 November 20<sup>th</sup>: \$2,487,088



## **Airport Lighting – Design 2022, Construction 2023**

*Install Airport Airfield Lighting Replacement, with portion of funds from STIP*

- Design-build contract awarded to Black & McDonald (**Cost: \$979,600, Original Budget: \$867,000. Revised Contract: \$1,016,435 + line removal/paint**)
- Generator installation will be completed after Aug 1, 2023 due to long lead delivery
- Request for substantial completion (excluding generator) officially received September 5<sup>th</sup> (June 30<sup>th</sup> completion). Granted
- Generator install complete, including commissioning. Non-construction related deficiencies remain (Record drawings, spare parts, etc.)

## **Lundbreck Sewer System Repairs – Design/Construction 2023**

*Repair of 3 sewer main locations within the Hamlet of Lundbreck*

- Construction complete

## **Lundbreck Lagoon Resiliency Analysis & Regionalization – Engineering 2023**

*Review Lagoons ability to take on more flow (both regular and high strength). Review Cowley Lagoons ability to do the same, and options for regionalization*

- ACP Grant submitted in 2022, will not hear back until March/April 2023. Notice of successful grant received March 21<sup>st</sup>, 2023. Expanding scope to include Cowley
- Reached out to brewery April 4<sup>th</sup> to arrange sampling. Sampling complete May 11<sup>th</sup> at lagoon and brewery 2023.
  - Continued delays with metering device. Plan to draft report with assumed flows and update once flow monitoring device arrives
  - Draft report for Lundbreck phase of project received from MPE with assumed flows, initial review complete.
  - Met with brewery Nov 20<sup>th</sup> to discuss flow acceptance, working towards implementation
- Lundbreck phase of report revised based on MD feedback to include collection system assessment and recommendations for upgrades, including sanitary dump station. Under review. Report to be updated with actual flows in 2024
- Cowley and regional report to be completed in 2024

## **Beaver Mines Trail – Design/Construction 2023**

*Phase 1 design along HWY between 5<sup>th</sup> and 4<sup>th</sup> street and potential construction (if funds are available)*

- Construction of pathway complete, with exception of signage and benched area

## Therriault Dam – Geotechnical & Misc. Studies – *Engineering 2023*

*Address high priority deficiencies for the Therriault Dam*

- 2 of 2 finalized reports complete and presented to Council

## Energy Projects

*MD Estimated Annual Energy Savings: \$23,906*

*MD Achieved Annual Savings\*: \$26,287*

*MD Funding Secured (Total): \$516,676*

*\*Based on utility bill review adjusted cost savings and the ICF agreement framework. This number is expected to rise as projects completed within the last year haven't seen a full year of savings.*

### • General Updates

- Lebel mansion windows grant approved July 25, 2023
  - Project canceled
- Arena and MPF retrofit
  - Community Building Retrofit (CBR) grant pre-application submitted for 25% of Arena upgrades March 3, 2023
  - Rescinded CBR application due to constraints on loan requirements
- Received confirmation of \$22,080 for Electrical Tracking System at the Multipurpose facility
  - Installation scheduled for October 20, 2023
  - Installation of wiring complete, investigating expanded scope for large loads
  - Meters are on backorder, delivery timeline unclear
  - Option to expand scope to include large loads pending budget approvals
- Grant received from Lethbridge Community Foundation for \$5,000 to install offgrid equipment and remove the electrical service at the Lundbreck Welcome Sign
  - Project complete
- QUEST net zero accelerator
  - Official kickoff Meeting September 28, 2023
  - Continued meetings with cohort, baseline report interview underway
  - Sustainable planning course available free of charge January-March 2024
  - Presentation of initial report findings to come mid December 2023
- Lebel solar project
  - Received \$21,750 pending acceptance from Town Council
- Submitted expression of interest for Energy Futures Lab roadshow in 2024. Received letters of support from Matthew Halton high school, Fortis Alberta, Riteline Electric, Southwest Alberta Sustainable Communities Initiative, and Enel North America
  - Decision expected October 2023
  - Received acceptance, first planning meeting October 19, 2023
  - Expect Proposal from EFL January 2024
- MCCAC has indicated expected energy efficiency and solar funding is being reviewed at the Provincial level. Expected release late 2023, early 2024
- Received Emergency services energy data and met with Fire Chief November 14, 2023
- Begin grant application due December 20 for NRED to complete Wind/Solar energy conversion study update



- **EV Chargers**
  - All closeouts submitted September 18, expect payment March 2024
  - Castle and Town expected to send invoice to receive Enel funding distribution
  
- **Eco-centre Solar Installation**
  - Complete July 20, 2023, producing power into grid
    - 1,149 kw-hr produced to date
    - Snow melted off in 4 days with 1.5 days of direct sunlight
    - November 15 snow melted off by November 16 at 10am
  
- **Climate Resiliency and Adaptation Plan**
  - PC-REMO to take lead on:
    - Firesmart and flooding legislation recommendations
    - Fuel management program
    - Heat and Smoke emergency response plans
    - Flood infrastructure development plans
  - Team met August 30, 2023 to review project briefs. Directed as follows:
    - Request PARC to present wind study to next joint council to discuss seed funding and allow team to approach other stakeholders
    - Develop draft homeowner assessment toolkit and recommendations
    - Develop draft recommendations to be included in both Town and MD procurement policies based on examples from existing municipalities
    - Develop recommendations for deliverables in future Tourism master plan
    - Review progress on PC-REMO tasks on bi-monthly basis
  - Met with MITACS to investigate funding avenues for wind study
  - Reviewed homeowner assessment toolkits and adaptation guides
  - First Draft of Homeowner risk assessments and sustainable procurement recommendations reviewed October 25, 2023
  - **Final draft completed and under review**
    - Expected public release in January 2024
  
- **Clean Energy Improvement Program**
  - Full application submitted June 29, 2023
  - Amendments made based on FCM feedback and resubmitted August 11, 2023
  - Expected launch pending grant approval in Q2 2024
  - Achieved the next step in program development
    - Working on developing terms and conditions, finalizing funding terms with FCM
    - **Detailed planning commenced with input from Town and MD Finance teams**
  
- **Ford Lightning**
  - Tracking usage to compare vs gas equivalent as of November 2023
    - Distance: 2,282 km, Energy used: 929 kWh
    - Cost (energy only): \$56, Cost (energy+T&D): \$148
    - Cost of unit 504 to drive equivalent distance: \$485
    - Total Savings: \$336
  - 3 month report shared with public November 2, 2023

## Capital Projects Update - Bridges

- **Bridge File 75265 – Local Road over Heath Creek, NE-11-10-01-W5M**
  - Project complete
- **Bridge File 7743 – Local Road over Gladstone Creek, SW-23-05-02-W5M**
  - Project complete
- **Bridge File 75377 – Local Road over Screwdriver Creek, NW-08-06-02-W5M**
  - Project complete
- **Bridge File 2488 – Fisher Bridge, NW-26-07-02-W5M**
  - ISL awarded Supply-Build Engineering contract
  - Design, Supply, & Fabrication of Prefabricated Bridge awarded to Algonquin Bridge **(Cost: \$458,040. Eng. Est: \$638,000).**
  - RFPQ (Request for Contractor Pre-Qualification) for Installation has been sent out and closed July 26<sup>th</sup>. Installation RFQ bids received September 14<sup>th</sup>, 2022. Awarded to low bidder **(Cost: \$330,954. Eng. Est: \$349,000)**
  - Existing abutments will have partial depth repairs complete, and cracks will be epoxy injected and sealed. Work falls under new DFO code of practice for clear span bridge
    - Scour identified under existing abutment. Costed plan included for 2024 budget
  - Signage and epoxy crack injection complete. Guardrail work complete, abutment repair work complete. Walkthrough required
  - Working to begin permitting for 2024 work
- **Bridge File 74048 – Todd Creek Culvert, NW-36-009-03 W5M**
  - Preliminary engineering complete
  - 2024 budget is to replace if STIP funding can be obtained, or install timber struts until funding can be obtained
    - Will need to complete design, permitting, & obtain land after STIP funding decision is made to prevent unnecessary work
    - STIP application submitted
- **Bridge File 70175 – Yarrow Creek Bridge Rehabilitation, NW-22-003-030 W4M**
  - Pricing Received for Preliminary Engineering & Design from multiple firms.
    - Awarded to Roseke Engineering at **\$17,990 (Budget \$20,000)**
  - Preliminary engineering report complete June 9<sup>th</sup>, 2023. Proceeding with design and permitting. Scope includes:
    - Perform a pile splice repair on two piles in the west abutment, replace the east pile cap, place fill and riprap at the west headslope, minor wheel guard repairs & repairs to east timber span, channel realignment, and west abutment riprap work
  - Design drawings received November 27<sup>th</sup>. Ready for 2024 Tender
- **Bridge File 75801 – Oldman River Tributary Culvert, SW-09-010-01 W5M**
  - Preliminary engineering complete. Struts recommended, drawing complete
- **Bridge File 76294– 2<sup>nd</sup> Tributary to Castle River, SW 32-006-01 W5M**
  - Completion walkthrough complete. Project complete

- **Watercourse Crossing Inspection & Remediation Project – 100% Grant funded**
  - **Fintegrate** awarded initial contract to assess all MD crossings, prioritize for remediation, & perform detailed regulatory authorizations
  - Work has begun on prioritization & initial assessment, 175+ crossings reviewed
  - Anticipate moving forward with design of 3 crossings. Proposals received for 3 eligible crossings, kicked off preliminary design January 20<sup>th</sup>, 2023
    - BF 7080 Dungarvan Creek Culvert Replacement, SW-17-003-29 W4M
    - Other two crossings moving forward as projects, per below
  - Anticipating regulatory Directives making dealing with SAR crossings mandatory
  - Funding agreement signed Mar. 28<sup>th</sup>, 2023 for \$1.55M to cover more assessment and engineering along with replacement of 2 crossings, to be complete by March 2025
  - Y1 grant report to be complete prior to Council meeting. Initial \$150,000 funds have been spent by required deadline. Y2 grant report **complete for Nov. 30<sup>th</sup>, 2023 deadline**
  
- **WCR #1: Iron Creek under Tapay (Carbondale) Road, LSD SE-15-006-03 W5M**
  - Prelim. engineering complete. Design awarded to Roseke Engineering
  - 100% grant funded
  - Anticipated structure is a 4.7m x 2m corrugated steel box culvert
  - 2024 capital budget for construction
  - Kicking off land acquisition and permit work **(initial design drawings received)**
  
- **WCR #2: South Todd Creek Trib. under Chapel Rock Road, LSD SE-23-009-03 W5M**
  - Prelim. engineering complete. Design awarded to Roseke Engineering
  - 100% grant funded
  - Anticipated structure is a 1.6m open bottom CSP culvert
  - 2024 capital budget for construction
  - Kicking off land acquisition and permit work **(initial design drawings received)**
  
- **WCR #3: Cow Creek Trib. under North NU Road, LSD NE-35-008-03 W5M**
  - Design & QAES portion awarded to ISL Engineering
  - Engineering and design will be 100% grant funded (excluding potential land costs)
  - Received design brief from ISL September 1<sup>st</sup>. Design complete. Culvert ordered, delivered. Permitting work acceleration successful.
  - **Construction complete, public lands permit holder has requested review of site**

## Roads

- **Patton Avenue (Lundbreck) - Engineering and construction 2023**
  - Project complete

### **Recommendation:**

That the Utilities & Infrastructure report for Nov. 22<sup>nd</sup> – Dec. 5<sup>th</sup> is received as information.

---

Prepared by: Roland/David/Tristan

Date: December 5<sup>th</sup>, 2023

Submitted to: Council

Date: December 12<sup>th</sup>, 2023



## Recommendation to Council



**TITLE: Sign Request – Lundbreck Hill**

**PREPARED BY: Laura McKinnon**

**DATE: December 6, 2023**

**DEPARTMENT: Planning and Development**

*[Handwritten Signature]*

*2023/12/07*

**ATTACHMENTS:**

1. Engine Retarder Brake Sign Information
2. GIS Aerial

**Department Supervisor**

**Date**

**APPROVALS:**

\_\_\_\_\_

\_\_\_\_\_

*[Handwritten Signature]*

\_\_\_\_\_

*2023/12/07*

\_\_\_\_\_

**Department Director**

**Date**

**CAO**

**Date**

**RECOMMENDATION:**

**That Council approve application to Alberta Transportation for placement of Engine Retarder Brake Sign along the West bound lane of Hwy 3, just West of Lundbreck.**

**BACKGROUND:**


Administration was approached by a rate payer with interest in an Engine Retarder Brake Sign along Hwy 3 along the West bound lane – just West of the Hamlet of Lundbreck. While signs along Hwy 3 actually fall within the jurisdiction of Alberta Transportation, it is required that the Municipality make the request for signage (*Attachment No. 1*).

One Alberta Transportation receives the request, it will be reviewed and they can issue a letter of Approval for allowing the installation of Engine Retarder Brake signs within the Hwy right-of-way.

The west bound lane does travel down a significant hill just outside of Lundbreck to which engine brakes can be heard within the Hamlet of Lundbreck, along with the residences along the Crowsnest River (*Attachment No. 2*).

**FINANCIAL IMPLICATIONS:**

None at this time.

	<b>ENGINE RETARDER BRAKES SIGN</b>		<i>Issued: DEC 2003</i>
			<i>Revised: DEC 2006</i>
			<i>Page 1 of 3</i>
<b>RECOMMENDED PRACTICES</b>	PART	HIGHWAY SIGNS	
	SECTION	REGULATORY SIGNS	
	SUB-SECTION		

## General

Concerned citizens and local governments occasionally raise issues regarding the noise levels of engine retarder brakes from heavy trucks.

When noise problems become persistent and affect many residents, signs may be placed on a highway, asking drivers to refrain from using their engine retarder brakes.

Since truck drivers often rely on engine brakes in controlling their vehicles, the information sign is only allowed where there are no safety implications as a result of displaying the sign along the highway.

### ***Use of Engine Retarder Brakes***

Engine retarder brakes are used in many heavy trucks as a supplement to the vehicle's service brakes. The principle behind the engine retarder brake is that it changes the action of the exhaust valves, turning the engine into an air compressor. Engine brakes use the characteristics of the diesel engine to produce a significant amount of drag through the vehicle's drive train to the wheels. This allows the service brakes to stay cool and ready for emergencies.

Engine retarder brakes provide increased driving safety in normal and difficult weather and road conditions, including ice, snow and wet or gravel road surfaces.

Engine retarder brakes can provide:

- Faster, steadier, more efficient braking performance.
- Reduced wear on engine, tires, and service brakes.
- Less vehicle downtime.
- Enhanced driver confidence.

The engine makes a distinctive staccato sound while in operation (while converting the power-producing diesel engine into a power-absorbing retarding mechanism).

Since 1988, vehicles have been required to produce less than 80 dB(A). When the muffler is removed, the sound level increases by 21 decibels.

### ***Provincial Legislation***

There is no provincial legislation to regulate the use of engine retarder brakes along provincial highways. There is also no provincial law to control noise levels generated by engine brakes, unless the vehicle is found to have deficient equipment.

### ***Safety Implications***

Actions restricting the use of engine retarder brakes may have legal and safety implications since truck drivers often rely on engine brakes in controlling their vehicles under various situations.

For this reason, signs advising truck drivers to limit the use of engine brakes will normally be discouraged.

Thus, the use of Engine Retarder Brakes signs is a local development issue in which Alberta Infrastructure and Transportation must balance development needs with the safety needs of the motoring public.

### **Standard**

The Engine Retarder Brakes sign consists of a word message provided with black lettering on a white background. The content of the message will vary depending on the need (e.g., it may prescribe a distance or the area limits over which a sign would apply).

A typical message will read: *TRUCKERS, PLEASE AVOID USE OF ENGINE RETARDER BRAKES.*

Details of the sign can be found in drawings TCS-A-205 and TCS-A-206.

### **Guidelines For Use**

An Engine Retarder Brakes sign may be permitted to alleviate noise levels at locations that meet all of the following criteria:

- the area affected by noise has a substantial residential section
- a record has arisen of persistent complaints from different local residents (for an extended period of time, of at least one year)
- a considerable amount of truck traffic

passes through the residential area

- the area is located within a distance of 400 m from a provincial highway.

Signs will be reviewed on a request basis only.

The final decision to authorize the placement of an Engine Retarder Brakes sign on the highway will depend on the combined effect of the roadway operational and safety factors (with safety issues being the predominant factor to consider).

### **Sign Application Process**

A local municipality may apply to Alberta Infrastructure and Transportation to install Engine Retarder Brakes signs on a provincial highway.

After reviewing a request, Alberta Infrastructure and Transportation may issue a Letter of Approval allowing for the installation of Engine Retarder Brakes signs within the highway right-of-way.

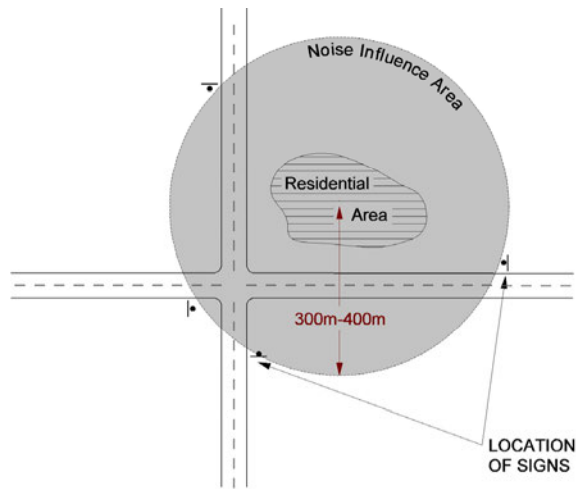
### **Guidelines for Placement**

Engine Retarder Brakes signs may be installed on highway entrances to an urban area. The exact location and the number of signs will depend on the need and site-specific conditions (i.e., presence and proximity of residential areas to a highway, noise influence area, existing noise attenuation measures, and other socio-demographics).

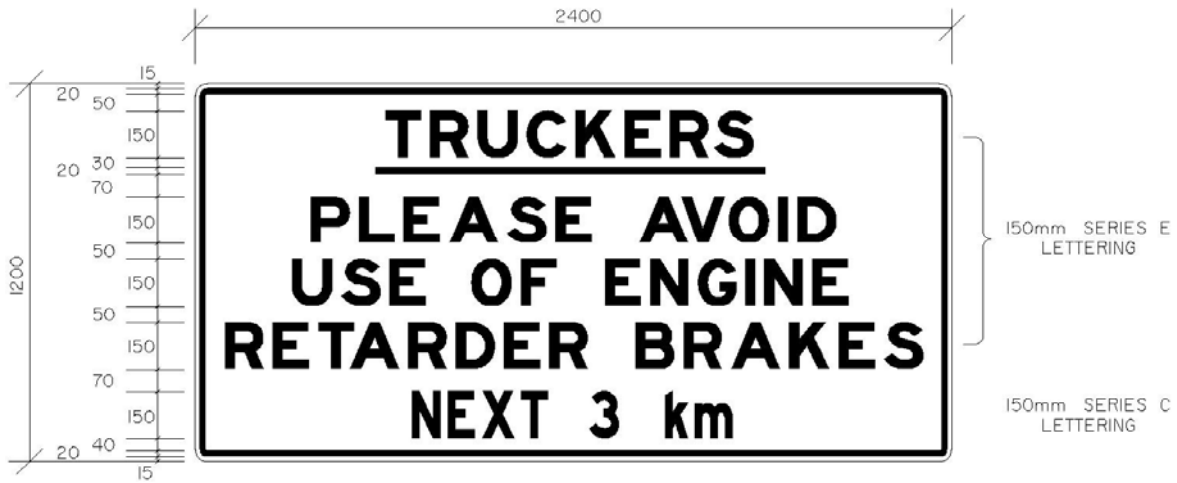
In general, the limits of the noise influence area are considered to be within a radius of 300 m to 400 m from the residential

development as shown in Figure 1. The actual limits or the boundaries of the noise influence area should be established based on the combined input from local residents and field observations.

Alberta Infrastructure and Transportation will be responsible for managing all activities associated with fabricating, supplying, installing and maintaining the signs along the highway. All associated signs costs will be covered by the municipality requesting the sign.



**Figure 1 - Sign Installation and Maintenance**



**SIGN DETAILS**

**LETTER SIZE:** Minimum 150 mm Series E font – main message

Minimum 150 mm Series C font – supplementary information (i.e., distance, the length of the area)


**COLOUR:** Black lettering on white background

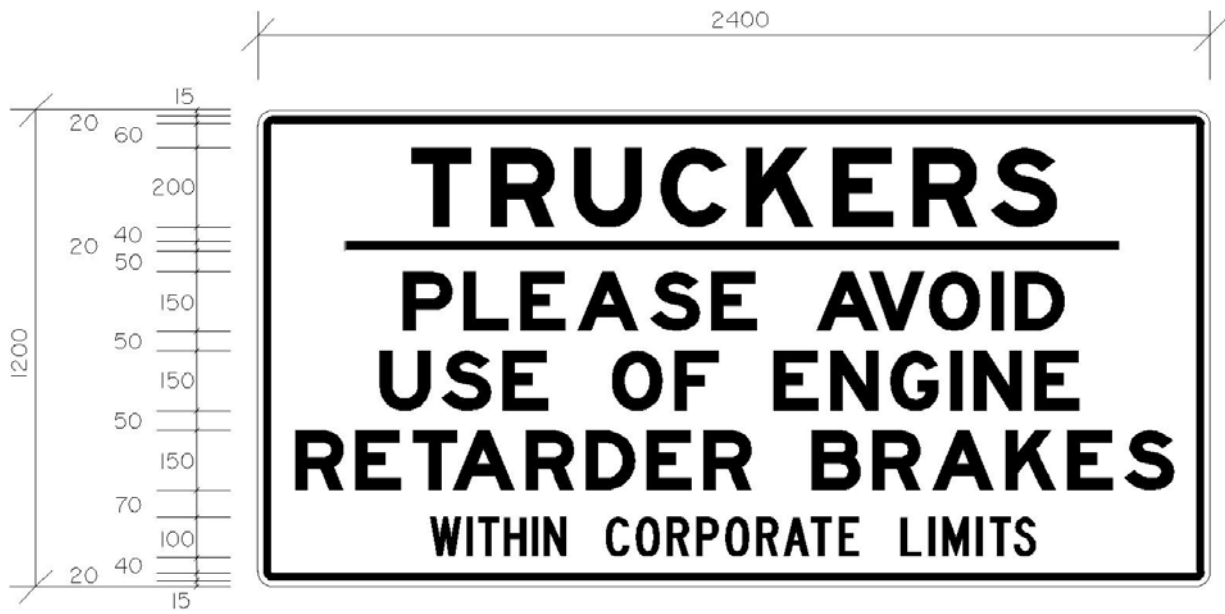
**SUBSTRATE:** 19 mm High Density Plywood

**SIGN FACE:** ASTM Type III or IV sheeting

**PLACEMENT:** Minimum 6 m from white shoulder line

**SUPPORTS:** Double support – wood posts, pressure treated  
100 mm x 100 mm or 100 mm x 150 mm.

NO.	DESCRIPTION	BY	DATE
		DRAWING TCS-A-205	
		Date: DEC 2003	
ENGINE RETARDER BRAKES SIGN – STANDARD			
Prepared by: S.L.	Checked by: B.B.	Scale: N.T.S.	SECTION A2



**SIGN DETAILS**

**LETTER SIZE:** Minimum 150 mm Series E font – main message

Minimum 150 mm Series C font – supplementary (i.e., distance, the length of the area) information


**COLOUR:** Black lettering on white background

**SUBSTRATE:** 19 mm High Density Plywood

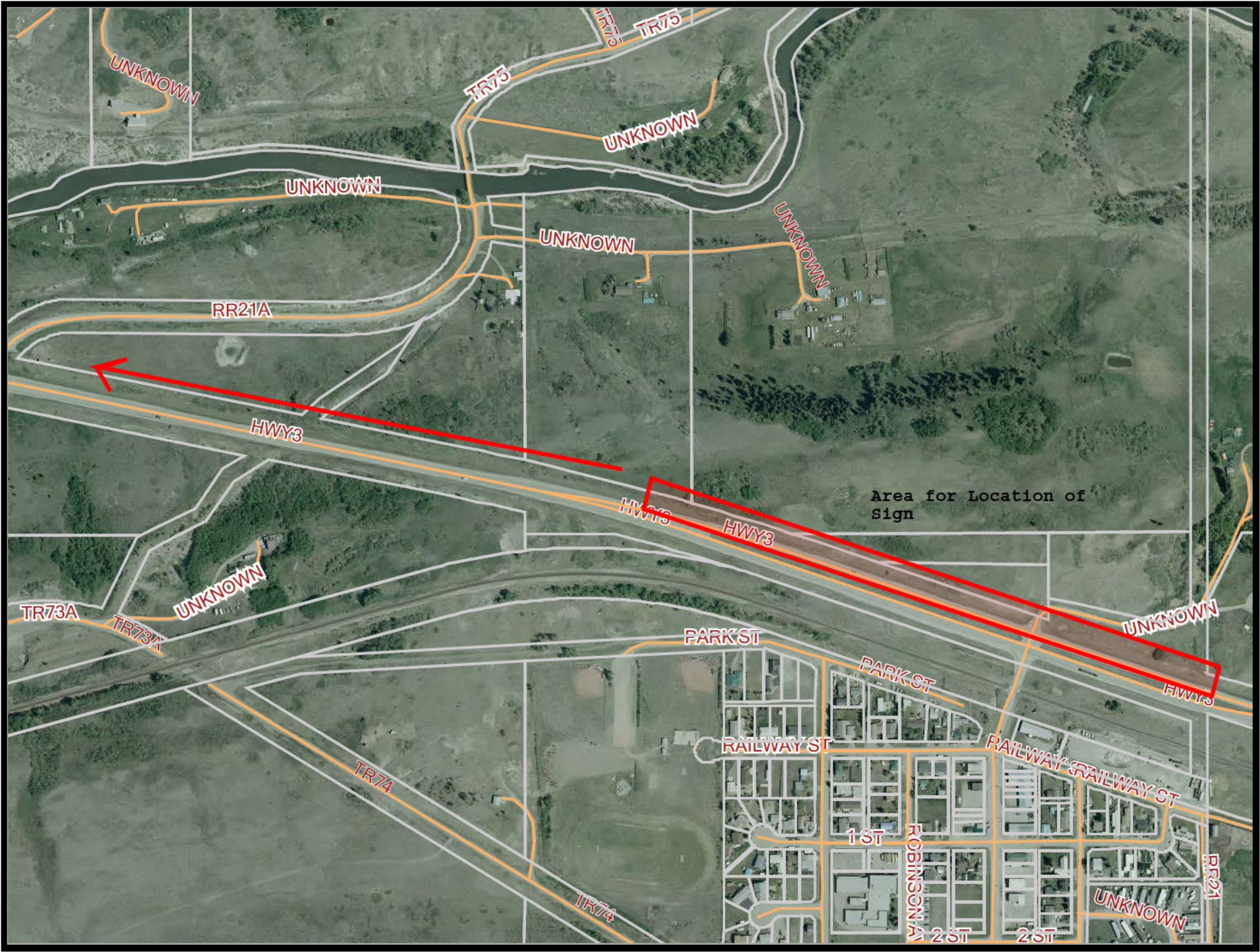
**SIGN FACE:** ASTM Type III or IV sheeting

**PLACEMENT:** Minimum 6 m from white shoulder line

**SUPPORTS:** Double support - wood posts, pressure treated  
100 mm x 100 mm or 100 mm x 150 mm.

NO.	DESCRIPTION	BY	DATE
		DRAWING TCS-A-206	
		Date: DEC 2003	
<b>ENGINE RETARDER BRAKES SIGN - TYPICAL URBAN APPLICATION</b>			
Prepared by: S.L.	Checked by: B.B.	Scale: N.T.S.	SECTION A2

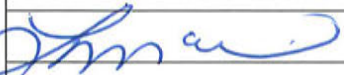






## Recommendation to Council



<b>TITLE:</b> Notice of Subdivision – 2023-0-148 from Cardston County			
<b>PREPARED BY:</b> Laura McKinnon		<b>DATE:</b> December 6, 2023	
<b>DEPARTMENT:</b> Planning and Development			
 <b>Department Supervisor</b>	2023/12/07 <b>Date</b>	<b>ATTACHMENTS:</b> 1. Notice of Application of Subdivision	
<b>APPROVALS:</b>			
_____ <b>Department Director</b>	_____ <b>Date</b>	 _____ <b>CAO</b>	2023/12/07 <b>Date</b>

**RECOMMENDATION:**

**That Council receive the Notice of Application for Subdivision of Land from Cardston County as information and direct Administration if comments are required.**

**BACKGROUND:**

Per Bylaw 1308-19 Intermunicipal Development Plan with the MD of Pincher Creek and the Cardston County, Section 4.2. Referral Policies, the ORRSC on behalf of Cardston County has circulated the Notice of Application for Subdivision of Land (*Attachment No. 1*).

The proposed subdivision is within the established plan area in the Intermunicipal Development Plan. ORRSC Senior Planner Gavin Scott, has not notified Administration with any issues with the proposed subdivision.

Council is not required to provide comments on Subdivision Application No. 2023-0-148, however Council for Cardston County welcomes them.

**FINANCIAL IMPLICATIONS:**

None at this time.





3105 - 16<sup>th</sup> Avenue North  
Lethbridge, Alberta T1H 5E8

Phone: (403) 329-1344  
Toll-Free: 1-844-279-8760  
E-mail: [subdivision@orrscc.com](mailto:subdivision@orrscc.com)  
Website: [www.orrscc.com](http://www.orrscc.com)

## NOTICE OF APPLICATION FOR SUBDIVISION OF LAND

**DATE:** November 28, 2023

**Date of Receipt:** November 1, 2023

**Date of Completeness:** November 24, 2023

**TO: Landowner:** John Merrill and Lori Merrill

**Agent or Surveyor:** Randall C. Smith, A.L.S.

**Referral Agencies:** Cardston County, MD of Pincher Creek No. 9, G. Scott - ORRSC, Westwind School Division No. 74, AltaLink, FortisAlberta, TELUS, ATCO Gas, ATCO Pipelines, AB Health Services - South Zone, United Irrigation District (UID), AB Environment & Protected Areas - J. Cayford, Alberta Forestry and Parks - E. Evenson, AB Water Boundaries, AB Agriculture and Irrigation – Water Infrastructure and Operations Branch, AB Transportation, Historical Resources Administrator, AER, Canada Post

**Adjacent Landowners:** Her Majesty The Queen In Right Of Alberta, Dallas B. & Lindsay N. Smith, Hengerer Farms Ltd., Kevin M. Fitzpatrick, United Irrigation District

**Planning Advisor:** Mike Burla 

The Oldman River Regional Services Commission (ORRSC) is in receipt of the following subdivision application which is being processed on behalf of the Cardston County. This letter serves as the formal notice that the submitted application has been determined to be complete for the purpose of processing.

In accordance with the Matters Relating to Subdivision and Development Regulation, if you wish to make comments respecting the proposed subdivision, please submit them via email or mail no later than **December 18, 2023**. (Please quote our File No. 2023-0-148 in any correspondence with this office).

**File No:** 2023-0-148

**Legal Description:** Lot 2, Block 1, Plan 1014438 within SE1/4 35 & SW1/4 36-4-28-W4M

**Municipality:** Cardston County

**Land Designation:** Agricultural - AG  
(Zoning)

**Existing Use:** Agricultural

**Proposed Use:** Country Residential

**# of Lots Created:** 1

**Certificate of Title:** 101 343 875

**Proposal:** To subdivide an existing 90.96 acre parcel to create a 5.76 acre title and a residual lot comprising 85.20 acres.

**Meeting Date:** *Note that meeting dates are subject to change. It is advisable to contact Cardston County to confirm the meeting date and time. If you wish to make a presentation at the subdivision authority, you are solely responsible to notify the Cardston County Municipal Administrator.*

**Planner's Preliminary Comments:**

This proposal represents a re-application of a previous subdivision application which had been refused by the County's Subdivision Authority. This proposal would subdivide an existing 90.96 acre parcel to create a 5.76 acre title and a residual lot comprising 85.20 acres. The present title was created in 2009 when an adjacent 26.81 acre parcel was consolidated with lands lying in the SE1/4 35-4-28-W4.

Initial consultations had occurred with the applicant several months ago at which time a slope stability assessment was requested to accompany any subsequent applications. The applicant has engaged Tetra Tech Canada to conduct the requested study which has been filled with this and the previous application. Since the County's initial refusal of File 2023-0-072, the County's Subdivision Authority has conducted a site visit to visually inspect the subject property. The applicant had identified, at that time, the extent of any possible subsidence and setback distance from associated survey information provided by Wilde Brothers Surveyors.

The subject property has been identified as being in an area with potential historic resources (HRV5). Historical Resources will be sent a referral, and the applicant will need to meet any requirement requested by the province. As this department didn't request any further studies to be conducted in File 2023-0-072, it is anticipated that it will not be a requirement of this application.

The Subdivision Authority is requested to consider the following when rendering a decision on this application:

- 1) Payment of any outstanding property taxes to Cardston County.
- 2) Provision of a development agreement with Cardston County.
- 3) Pertinent comments and information provided by adjacent landowners, referral agencies and the MD of Pincher Creek
- 4) Pertinent recommendations outlined in the engineer's slope stability assessment.

**RESERVE:**

Municipal Reserve is not applicable as this is the 1<sup>st</sup> parcel from the quarter section.

**If you wish to make a presentation at the subdivision authority meeting, please notify the Cardston County Municipal Administrator as soon as possible.**

**Submissions received become part of the subdivision file which is available to the applicant and will be considered by the subdivision authority at a public meeting.**



**APPLICATION FOR SUBDIVISION  
RURAL MUNICIPALITY**

FOR OFFICE USE ONLY	
Zoning (as classified under the Land Use Bylaw):	
Fee Submitted: <u>\$1100.00</u>	File No: <u>2023-0-148.</u>
APPLICATION SUBMISSION	
Date of Receipt: <u>November 1, 2023</u>	Received By: <u>[Signature]</u>
Date Deemed Complete: <u>November 24, 2023</u>	Accepted By: <u>[Signature]</u>

**1. CONTACT INFORMATION**

**Name of Registered Owner of Land to be Subdivided:** John Merrill and Iori Merrill

Mailing Address: Box 1 City/Town: Hillspring

Postal Code: 1 Telephone: 3 Cell: 403-680-7675

Preferred Method of Correspondence: Email  Mail

**Name of Agent (Person Authorized to act on behalf of Registered Owner):** Randy Smith

Mailing Address: 1 City/Town: 1

Postal Code: 1 Telephone: 3 Cell:

Email: 3 Preferred Method of Correspondence: Email  Mail

**Name of Surveyor:** s/a Wilde Bros Surveys

Mailing Address:  City/Town:

Postal Code:  Telephone:  Cell:

Email:  Preferred Method of Correspondence: Email  Mail

**2. LEGAL DESCRIPTION OF LAND TO BE SUBDIVIDED**

- All/part of the SE  $\frac{1}{4}$  Section 35 Township 4 Range 28 West of 4 Meridian (e.g. SE $\frac{1}{4}$  36-1-36-W4M)
- Being all/part of: Lot/Unit 2 Block 1 Plan 1014438
- Total area of existing parcel of land (to be subdivided) is: 36.81 hectares 90.96 acres
- Total number of lots to be created: 1 Size of Lot(s): 2.331ha, 5.76Ac
- Rural Address (if applicable):
- Certificate of Title No.(s): 101 343 875

**3. LOCATION OF LAND TO BE SUBDIVIDED**

- The land is located in the municipality of Cardston County
- Is the land situated immediately adjacent to the municipal boundary? Yes  No   
If "yes", the adjoining municipality is
- Is the land situated within 1.6 kilometres (1 mile) of the right-of-way of a highway? Yes  No   
If "yes" the highway is No.
- Does the proposed parcel contain or is it bounded by a river, stream, lake or other body of water, or by a canal or drainage ditch? Yes  No   
If "yes", state its name
- Is the proposed parcel within 1.5 kilometres (0.93 miles) of a sour gas facility? Unknown  Yes  No

### 3. LOCATION OF LAND TO BE SUBDIVIDED (Continued)

- f. Is the land subject of the application the subject of a licence, permit, approval, or other authorization granted by the Natural Resources Conservation Board, Energy Resources Conservation Board, Alberta Energy Regulator, Alberta Energy and Utilities Board or Alberta Utilities Commission? Yes  No

If 'yes', please describe: \_\_\_\_\_

- g. Is the land subject of the application the subject of a licence, permit, approval, or other authorization granted by the Minister or granted under any Act the Minister is responsible for under section 16 of the Government Organization Act\*? Yes  No

If 'yes', please describe: \_\_\_\_\_

\*The Minister is responsible for the following Acts: AB Land Stewardship Act, Environmental Protection Act, Public Lands Act, Surveys Act, Water Act.

### 4. EXISTING AND PROPOSED USE OF LAND TO BE SUBDIVIDED

Describe:

- a. Existing use of the land agriculture
- b. Proposed use of the land agriculture, dwelling

### 5. PHYSICAL CHARACTERISTICS OF LAND TO BE SUBDIVIDED

- a. Describe the nature of the topography of the land (flat, rolling, steep, mixed) flat on top, sloping down to the west
- b. Describe the nature of the vegetation and water on the land (brush, shrubs, tree stands, woodlots, sloughs, creeks, etc.) grasses, cultivation
- c. Describe the kind of soil on the land (sandy, loam, clay, etc.) loam, clay
- d. Is this a vacant parcel (void of any buildings or structures)? Yes  No   
If "no", describe all buildings and any structures on the land. Indicate whether any are to be demolished or moved. quonset, shop to remain
- e. Is there a Confined Feeding Operation on the land or within 1.6 kilometres (1 mile) of the land being subdivided? Yes  No
- f. Are there any active oil or gas wells or pipelines on the land? Yes  No
- g. Are there any abandoned oil or gas wells or pipelines on the land? Yes  No

### 6. WATER SERVICES

- a. Describe existing source of potable water Well
- b. Describe proposed source of potable water Well

### 7. SEWER SERVICES

- a. Describe existing sewage disposal: Type Septic Field Year Installed Unknown
- b. Describe proposed sewage disposal: Type Septic Field

**8. REGISTERED OWNER OR PERSON ACTING ON THEIR BEHALF**

I, Randy Smith

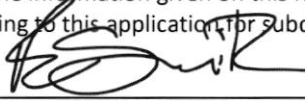
hereby certify that

I am the registered owner

I am authorized to act on behalf of the register owner

and that the information given on this form is full and complete and is, to the best of my knowledge, a true statement of the facts relating to this application for subdivision approval.

Signed:



Date:

May 17, 2023

**9. RIGHT OF ENTRY**

I, Randy Smith on behalf of John Merrill

do  / do not  (please check one) authorize representatives of the

Oldman River Regional Service Commission or the municipality to enter my land for the purpose of conducting a site inspection and evaluation in connection with my application for subdivision. This right is granted pursuant to Section 653(2) of the Municipal Government Act.



Signature of Registered Owner(s)

Personal information collected on this form is collected in accordance with Section 653 of the Alberta Municipal Government Act and Section 33(c) of the Freedom of Information and Protection of Privacy Act. Please note that such information may be made public. If you have any questions about the information being collected, contact the Oldman River Regional Services Commission FOIP Coordinator at 403-329-1344.



-----  
ENCUMBRANCES, LIENS & INTERESTS

PAGE 2  
# 101 343 875

REGISTRATION

NUMBER	DATE (D/M/Y)	PARTICULARS
		" AFFECTS PART OF THIS TITLE "
3113DK .	24/09/1925	IRRIGATION ORDER/NOTICE THIS PROPERTY IS INCLUDED IN THE UNITED IRRIGATION DISTRICT " AFFECTS PART OF THIS TITLE "
114FD .	26/11/1941	CAVEAT RE : EASEMENT CAVEATOR - BOARD OF TRUSTEES OF THE UNITED IRRIGATION DISTRICT. " AFFECTS PART OF THIS TITLE "
4053KU .	05/01/1971	IRRIGATION ORDER/NOTICE THIS PROPERTY IS INCLUDED IN THE UNITED IRRIGATION DISTRICT " AFFECTS PART OF THIS TITLE "
751 104 145	23/09/1975	UTILITY RIGHT OF WAY GRANTEE - CANADIAN WESTERN NATURAL GAS COMPANY LIMITED. " AFFECTS PART OF THIS TITLE "
911 147 973	10/07/1991	CAVEAT RE : EASEMENT CAVEATOR - BOARD OF DIRECTORS OF THE UNITED IRRIGATION DISTRICT. C/O UNITED IRRIGATION DISTRICT GLENWOOD ALBERTA " AFFECTS PART OF THIS TITLE "
931 096 349	04/05/1993	CAVEAT RE : EASEMENT CAVEATOR - BOARD OF DIRECTORS OF THE UNITED IRRIGATION DISTRICT. GLENWOOD, ALBERTA " AFFECTS PART OF THIS TITLE "
931 096 350	04/05/1993	CAVEAT RE : EASEMENT CAVEATOR - BOARD OF DIRECTORS OF THE UNITED IRRIGATION DISTRICT. GLENWOOD, ALBERTA " AFFECTS PART OF THIS TITLE "

TOTAL INSTRUMENTS: 008

( CONTINUED )



THE REGISTRAR OF TITLES CERTIFIES THIS TO BE AN  
ACCURATE REPRODUCTION OF THE CERTIFICATE OF  
TITLE REPRESENTED HEREIN THIS 31 DAY OF  
OCTOBER, 2023 AT 03:49 P.M.

ORDER NUMBER: 48757613

CUSTOMER FILE NUMBER:



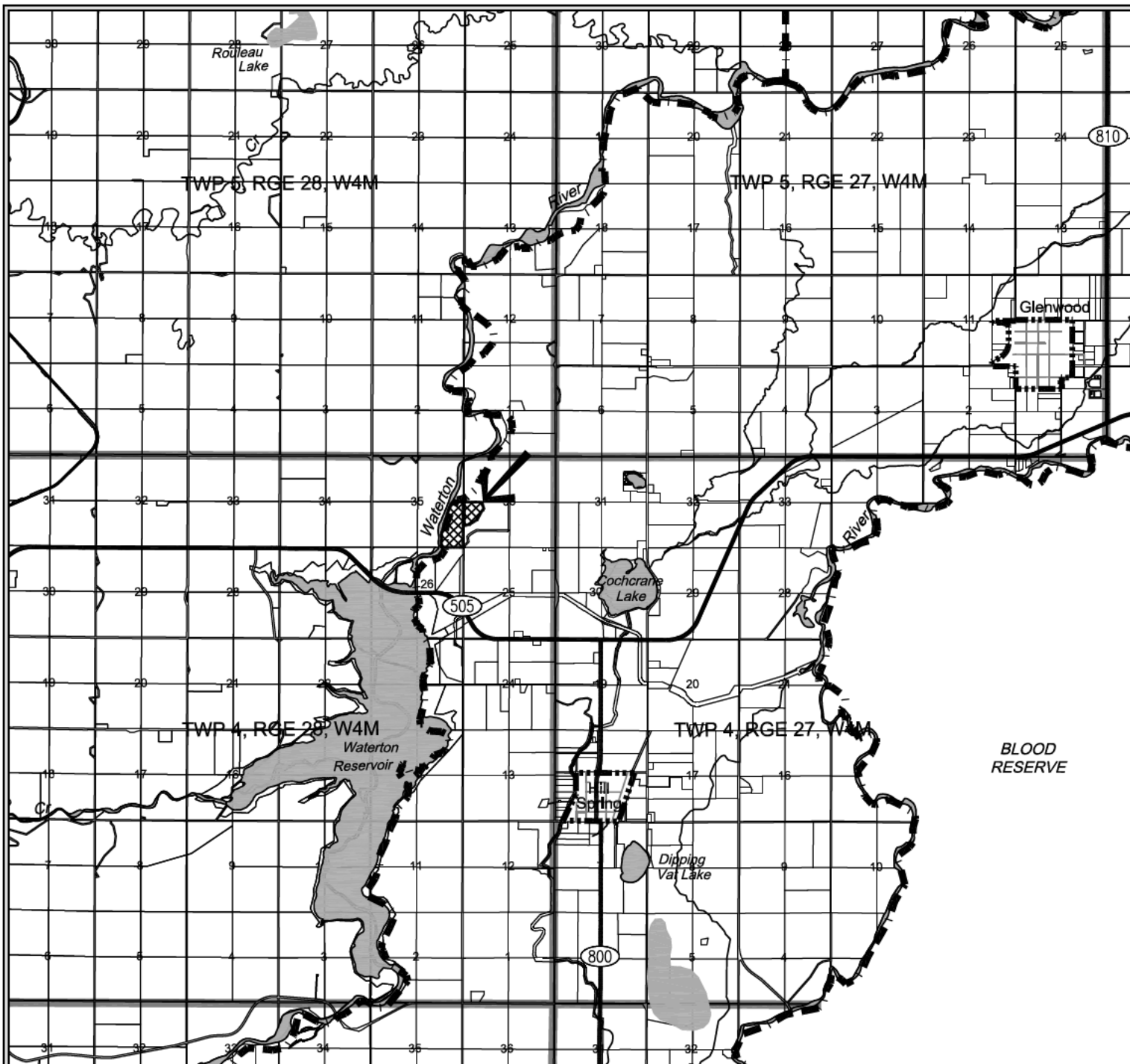
\*END OF CERTIFICATE\*

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THIS ELECTRONICALLY TRANSMITTED LAND TITLES PRODUCT IS INTENDED  
FOR THE SOLE USE OF THE ORIGINAL PURCHASER, AND NONE OTHER,  
SUBJECT TO WHAT IS SET OUT IN THE PARAGRAPH BELOW.

THE ABOVE PROVISIONS DO NOT PROHIBIT THE ORIGINAL PURCHASER FROM  
INCLUDING THIS UNMODIFIED PRODUCT IN ANY REPORT, OPINION,  
APPRAISAL OR OTHER ADVICE PREPARED BY THE ORIGINAL PURCHASER AS  
PART OF THE ORIGINAL PURCHASER APPLYING PROFESSIONAL, CONSULTING  
OR TECHNICAL EXPERTISE FOR THE BENEFIT OF CLIENT(S).





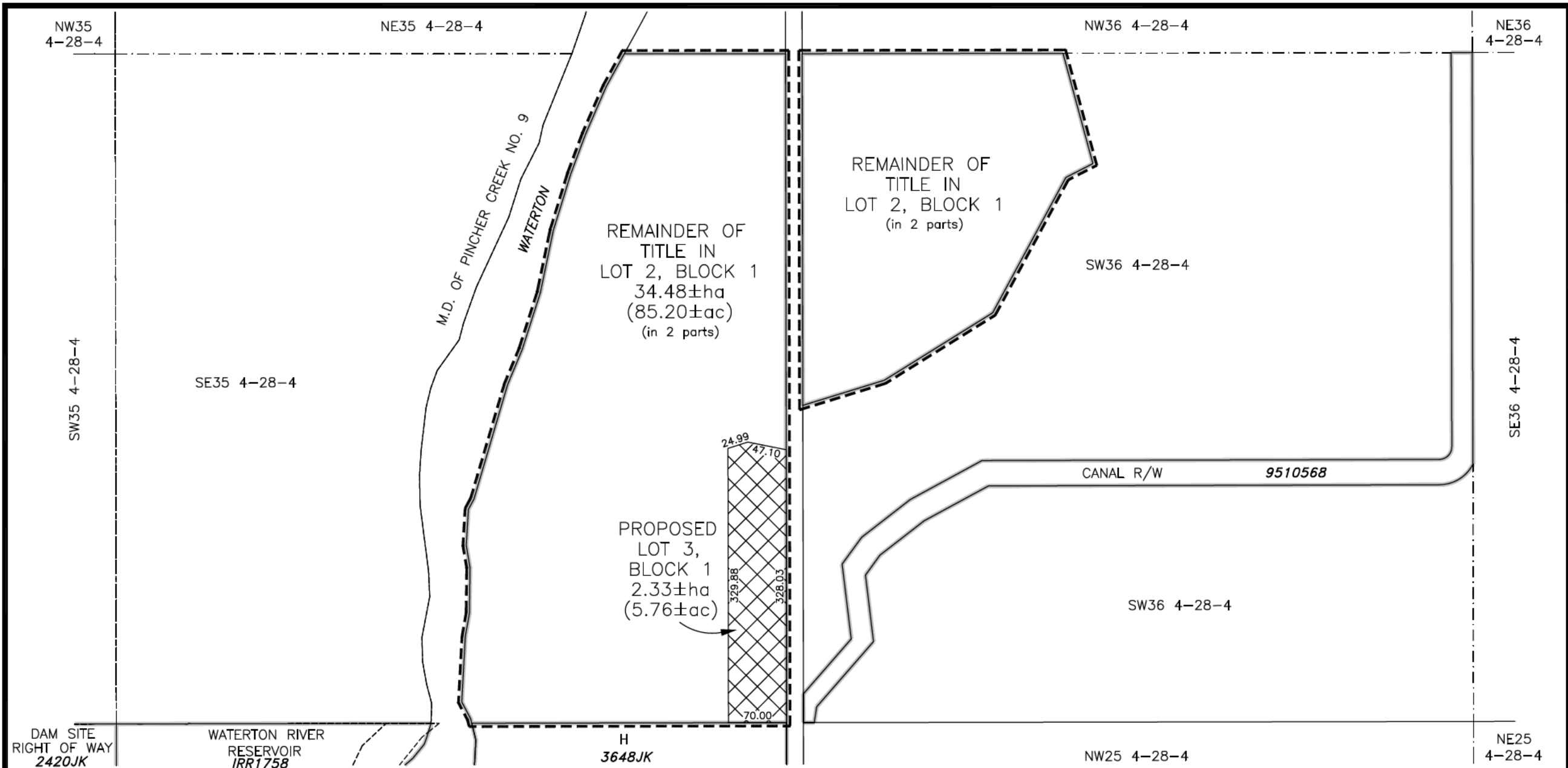
**SUBDIVISION LOCATION SKETCH**  
**LOT 2, BLOCK 1, PLAN 1014438**  
**WITHIN SE 1/4 SEC 35, TWP 4, RGE 28, W 4 M**  
**MUNICIPALITY: CARDSTON COUNTY**  
**DATE: NOVEMBER 24, 2023**  
**FILE No: 2023-0-148**

MAP PREPARED BY:  
 OLDMAN RIVER REGIONAL SERVICES COMMISSION  
 3120 18th AVENUE NORTH, LETHBRIDGE, AB T1Y 0S8  
 \*NOT RESPONSIBLE FOR ERRORS OR OMISSIONS\*



November 24, 2023 N:\Subdivision\2023\2023-0-148.dwg





**SUBDIVISION SKETCH**

See tentative plan of subdivision by Wilde Bros. Surveys Ltd., file no. 23064Mer

LOT 2, BLOCK 1, PLAN 1014438 WITHIN SE 1/4 SEC 35, TWP 4, RGE 28, W 4 M

MUNICIPALITY: CARDSTON COUNTY

DATE: NOVEMBER 24, 2023

FILE No: 2023-0-148





**SUBDIVISION SKETCH**

See tentative plan of subdivision by Wilde Bros. Surveys Ltd., file no. 23064Mer

LOT 2, BLOCK 1, PLAN 1014438 WITHIN SE 1/4 SEC 35, TWP 4, RGE 28, W 4 M

MUNICIPALITY: CARDSTON COUNTY

DATE: NOVEMBER 24, 2023

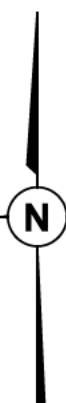
FILE No: 2023-0-148

AERIAL PHOTO DATE: 2018





**35**  
4-28-4



SE 1/4 Sec 35  
Twp 4 - Rge 28 - W 4M

WATERTON RIVER

LOT 2  
BLOCK 1  
PLAN 101 4438

LOT 2  
BLOCK 1  
PLAN 101 4438

GOVERNMENT ROAD ALLOWANCE

SW 1/4 Sec 36  
Twp 4 - Rge 28 - W 4M

PROPOSED  
LOT 3  
BLOCK 1

SECTION BOUNDARY

PARCEL H  
PLAN 3648JK

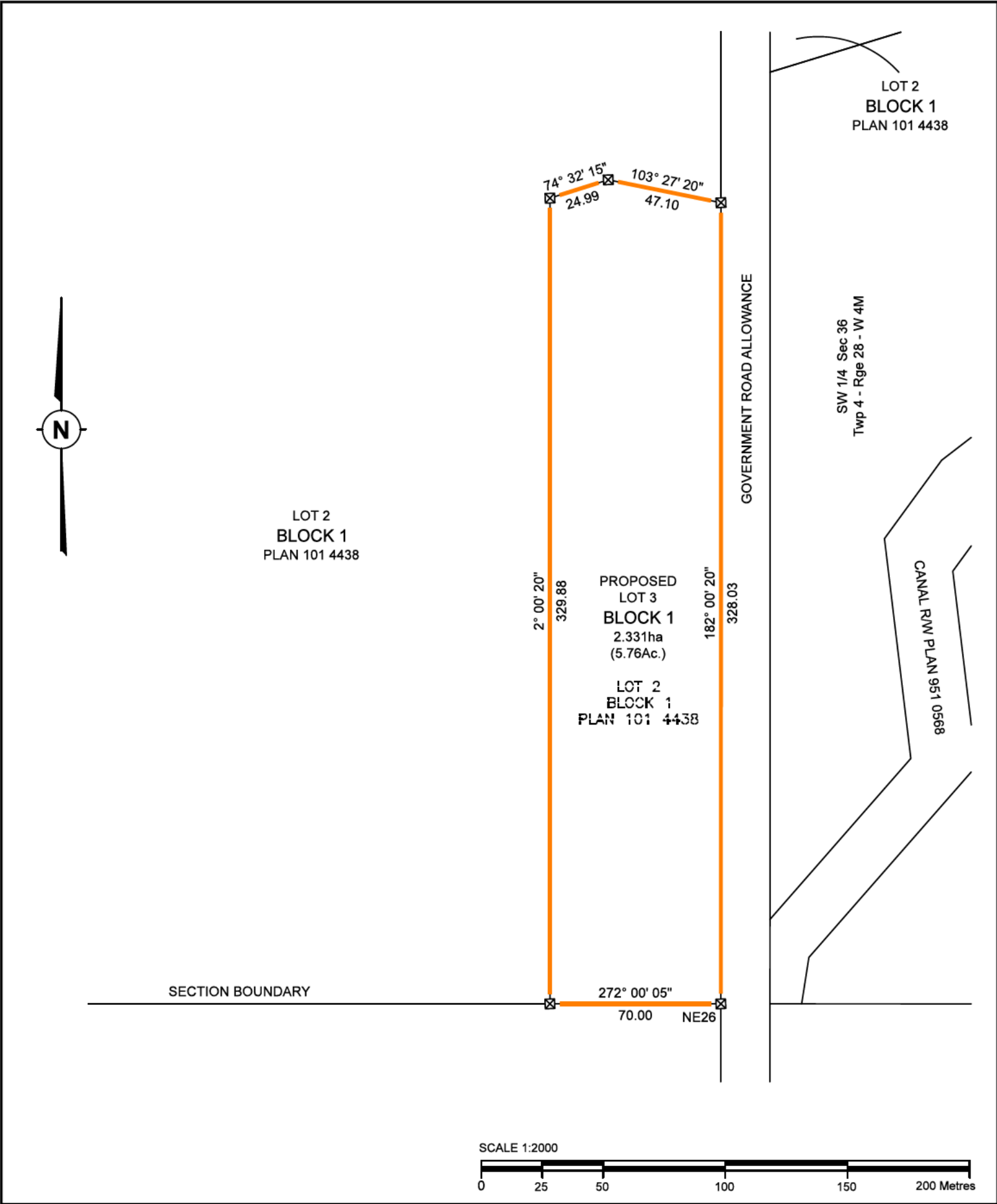
SCALE 1:5000



Tentative Plan Showing  
**PROPOSED SUBDIVISION**

within  
PART OF LOT 2, BLOCK 1, PLAN 101 4438  
(SE 1/4 Sec 35, Twp 4, Rge 28, W 4M)  
Cardston County, Alberta

**WILDE**  **BROS**  
Surveys  
WBES.CA - p-403.752.0180 43 N.  
Broadway, Box 150, Raymond, AB  
TOK 2S0



**SUBDIVISION AUTHORITY**

Name: Oldman River Regional Services Commission

**REGISTERED OWNER(S)**

Certificate of Title: 101 343 875  
Owner(s): John Merrill & Lori Merrill

**LEGEND/NOTES**

Calculated positions shown thus:

Lands dealt with by this plan bounded thus:

and contains 2.331 hectares.

Distances shown are in metres and decimals thereof.

Subject to revision by final survey.

There are no abandoned wells on the parcel that is the subject of this application.

Tentative Plan Showing  
**PROPOSED SUBDIVISION**

within  
PART OF LOT 2, BLOCK 1, PLAN 101 4438  
(SE 1/4 Sec 35, Twp 4, Rge 28, W 4M)  
Cardston County, Alberta

Certified Correct this 17th day of  
May, 2023



Randall C. Smith, ALS





SCALE 1:2000



Tentative Plan Showing  
**PROPOSED SUBDIVISION**

within  
PART OF LOT 2, BLOCK 1, PLAN 101 4438  
(SE 1/4 Sec 35, Twp 4, Rge 28, W 4M)  
Cardston County, Alberta

**WILDE & BROS**  
Surveys

WBES.CA - p:403.752.0180 43 N.  
Broadway, Box 150, Raymond, AB  
TOK 2S0

# CHIEF ADMINISTRATIVE OFFICER'S REPORT

October 23, 2023 to December 8, 2023

## Discussion:

October 23	SMT Meeting
October 23	PW Operation Budget Discussion
October 23	AES Operation Budget Discussion
October 23	Health and Safety Operation Budget Discussion
October 24	Council Committee, Council Meetings and 2023 Organizational Meeting
October 25	Regional Meeting CNP
October 26	Open House for LUB Updates and Draft Strategic Plan
October 31	Municipal Planning Commission
November 1	Asset Management Check-In
November 1	Planning and Bylaw Budget Discussion
November 2	JHSC PW Yard and Shop Inspection
November 2	PCREAC Meeting
November 5-9	RMA Fall Convention, Edmonton
November 14	Council Committee and Council Meetings
November 16-24	Vacation
November 27	Employee Performance Review
November 27	PCREMO Role Assignment
November 28	Council Committee and Council Meetings
November 29	ASB Meeting
November 30	PCREAC Meeting
December 1	PW Assistant Applicant Interview
December 4	SMT Meeting
December 5	PW Assistant Applicant Interview (x2)
December 5	Planning Session, SA and MPC
December 6	EPA Drought Discussion
December 6	PCREAC Meeting
December 7	Employee Performance Review
December 7	Special Council Meeting (Budget)
December 8	Employee Performance Review

## Upcoming

December 12	CPR Holiday Train
December 12	Council Committee and Council Meetings
December 13	Joint Health and Safety Committee Meeting

## RECOMMENDATION:

That Council receive for information, the Chief Administrative Officer's report for the period October 23, 2023 – December 8, 2023.

Prepared by: CAO, Roland Milligan

Date: December 7, 2023

Respectfully presented to: Council

Date: December 12, 2023

**Administrative Support Activity since last Council Meeting**

**– prepared by Jessica McClelland, EA**

**ADMINISTRATIVE SUPPORT ACTIVITY**

November 25, 2023 to December 7, 2023

**Letters from last Council:**

- Dowson – Pathway Lundbreck
- Lundbreck Community Association – Grant Opportunity
- Town of Pincher Creek – Funding Formula
- (NRED) Grant

**Advertising/Social:**

- Carnivores and Community Program
- Emergency Closure of Landfill (Due to high winds)
- Holiday Closures (MD and Eco Centre)
- 2023 Holiday Train – December 12, 2023
- Notice of Special Meeting December 7, 2023

**Other Activities:**

- Council Package/Meeting
- Signage for Eco Centre (Arrived and will be installed by PW)
- Holiday Train final planning meeting

**Upcoming Dates of Importance:**

- Special Council Meeting (Budget) – December 7, 2023
- MD Christmas Party – December 8, 2023
- Holiday Train – December 12, 2023
- Regular Committee, Council – December 12, 2023
- MD Offices Closed – December 23, 2023 to January 2, 2024
- Regular Committee, Council – January 9, 2024
- Special Meeting (Joint Meeting) – January 16, 2024



*The Pincher Creek Community Center Hall Society  
Box 1178 287 Canyon Drive  
Pincher Creek, Alberta, T0K1W0  
November 27, 2023*

RECEIVED

NOV 27 2023

M.D of Pincher Creek

*Dear Joint Funding Committee,  
Councilor Tony Bruder of Municipal District # 9 of Pincher Creek,*

*Dear Council:*

*This is a letter of grievance.*

*It is with grave concern, that we the Pincher Creek Community Center Hall Society that upon reading Shootin the Breeze, that we have been omitted for the second year in a row, from receiving a Joint Funding Grant.*

*We realize that it is a difficult task to allocate these funds.*

*The Hall board has reached out to Lisa Dewbar and Tristan Walker to look for utility grants that might be available. They were unable to find a grant that would be applicable for utilities for our hall.*

*We would like to state a few facts in the Community Hall's operation that may have been overlooked in the original application. Our current chequeing account balance is \$ 12,196.00, Casino account balance is \$ 23,000.00, casino account is an emergency fund kept for replacing any major failure of equipment, example furnace, dishwasher air conditioner etc. In fact, Casino money could replace the doors in the hall that are over 50 years old and seriously in need of replacing.*

*In reference to our utility bills, it should be noted that in 2022 the total cost of utilities was \$16,940.00 – breakdown was Power \$11,423.00, Gas \$ 5517.00.*

*From February 1, 2023 to October 31, 2023 total cost of Power was \$ 11,538.00 and Gas \$ 3749.00, for a total \$15,287.00.*

*Note we still have November, December and January coming up.*

*It is also a concern to us that the Hall rental bookings are greatly reduced. We do not know what factors may be contributing to fewer rentals.*

*The Hall board has discussed the fact that when the bank accounts are depleted, the only alternative would be to turn the keys over to the Town.*

*It would be our wish that at this time the Joint Funding Committee would reconsider some funding for the Pincher Creek Community Hall.*

*In our new application we would ask for \$ 12,000.00 to sustain us for one more year of operation.*

*Thank you for considering the future of the Community Hall which is an integral part of the community and the disaster destination for the whole Municipal District*

*Sincerely:*

*President: Mike Killoran , Vice President: Les Ostby,  
Treasurer: Rose Skierka, Secretary: Barbara Holtman  
and all remaining Board Members of  
The Pincher Creek Community Center Hall Society*



Oldman Watershed Council  
PO Box 1892  
Lethbridge, Alberta T1J 4K5  
[info@oldmanwatershed.ca](mailto:info@oldmanwatershed.ca)  
(403) 330-1346

Reeve Rick Lemire  
Municipal District of Pincher Creek  
PO Box 279  
Pincher Creek Alberta T0K 1W0

Dear Reeve Lemire and Council,

October 19, 2023

We deeply appreciate your continued support of the Oldman Watershed Council. Our core mission is safeguarding the health of our water and land, the cornerstones of our economy and society. Your contribution as a donor is invaluable to us.

We are proud to be a neutral forum for all voices in the watershed. Our 19-member Board represents various sectors, ensuring all voices are heard. Municipalities hold the majority with three seats: one for towns and villages, one for counties and municipal districts, and one for the City of Lethbridge. Moreover, we keep municipalities updated at the monthly meetings of Mayors and Reeves of Southwest Alberta.

Our collaborations span government agencies, stakeholders, and First Nations to bolster the watershed's health. Notably, in 2022-23 we:

- Planted 8,450 willows, restoring the natural infrastructure of 10 priority rivers/creeks to combat drought.
- Engaged 3,656 residents face-to-face, including 1,566 youth, through cutting edge methods, like virtual reality.
- Monitored the health of 9 creeks/rivers, and trained 24 Field Technicians in monitoring techniques.
- Created 8 videos featuring agricultural producers, hosted 6 unique events, and released 8 written interviews with farmers, to increase understanding of agriculture among urban consumers. 91% of participants felt more connected to the people who grow their food
- Increased our partnerships and collaborations by 60%, reaching 122, leveraging expertise and resources from across Southern Alberta.
- Engaged 10,425 readers through 14 blogs to educate on key topics such as drought resilience.
- Had over 115,000 views of our videos about agriculture, restoration, and other watershed topics.

Our premier project, the *Watershed Legacy Program*, emphasizes empowering watershed stewardship through funds, training, and technical know-how. We assist all—from First Nations land managers and farmers to urban dwellers—in adopting environmentally conscious practices and building resilient operations. By investing in grassroots initiatives, we spotlight these practices for the larger community, and work to provide the education, infrastructure, and guidelines to bolster these efforts.

Please review our [2022-23 annual report](#), which showcases our impactful work through photographs and concise project descriptions.

For the fiscal year of April 2023 to March 2024, we kindly request your municipality's support at a rate of 48¢ per resident. Based on the 2022 Municipal Affairs Population List, this equates to a contribution of \$1,524 for 3,175 residents. Your unwavering support over the years has made a significant difference. Contributions like yours empower us to educate citizens, restore habitats, and remain an impartial forum in the watershed discourse.

To book a presentation, please contact our Executive Director, Shannon Frank, at [shannon@oldmanwatershed.ca](mailto:shannon@oldmanwatershed.ca).

Warm regards,

Doug Kaupp, OWC Chair and General Manager of Water and Wastewater, City of Lethbridge

## Patton Park Society

Kathy Rast  
President  
Box  
Lundbreck, Alberta

## MD of Pincher Creek Council

## MD of Pincher Creek No. 9

Pincher Creek, AB T0K 1H0

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**Dear Council Members:**

**November 22, 2023**

I want to begin by expressing thanks on behalf of the board for the partnership we have formed with the MD for various projects to enhance and revitalize Patton Park in Lundbreck. We now have a wonderful underground sprinkler system to ensure the park is green. We have re-seeded the track, field, and gathering area with turf grass. We have planted trees around the playground and surrounding areas. We have the weeds, gophers and fertilizing being controlled on a regular basis. We have an installed playground. We have a fenced off leash area for dogs. Thank you! There is always work that needs to be done to improve the park. One of these projects is listed below:

1. Bathrooms: These are in very poor repair. If we have public visiting the park, they should have access to a clean and functioning facility. It is past due for either new construction or major repairs on existing facilities. I have attached some information on the new washroom facilities that have been built on the historic pathways of the Crowsnest pass. This would be a major capital cost. Washrooms should also be wheelchair accessible.

The washrooms built in the CNP were \$160,000 for the double and \$130,000 for the singles. They are outhouse style washrooms in which catch basins can be changed out easily. In Patton Park the washrooms have plumbing and I am almost certain they could be upgraded for less than the amount shown above.

We would like to ask the MD to allow us to get at least two quotes from contractors for upgrades and to provide a budget for this project.

<https://www.parkworksco.com/products/public-toilets/>

**Michael Greenhough** • Regional Sales Manager, South Alberta

**Parkworks** • A MAKR Group Company

**P** 780.453.6903 e 141 • **TF** 1.888.890.MAKR (6257) • **M** 403.478.7061

Thanks for your careful consideration.

Sincerely,



Kathy Rast (President Patton Park Society)

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(<https://www.parkworksco.com/wp-content/uploads/2022/12/b6b5acb55dca.jpg>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/02/BLG-Future-Public-Toilets-05.jpg>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/Banff.jpg>).  
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(<https://www.parkworksco.com/wp-content/uploads/2022/12/Toronto-1.jpg>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/Toronto-2.jpg>).

## TRADITIONAL CONCRETE TOILET BUILDINGS

(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-Denali.png>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/02/PKW-Products-Public-Toilets.jpg>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-Cortez.png>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-Cascadian.png>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-Cortez-1.png>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-RockyMountain.png>).  
(<https://www.parkworksco.com/wp-content/uploads/2022/12/CXT-Cheyenne.png>).

## OUR RESTROOM PARTNERS



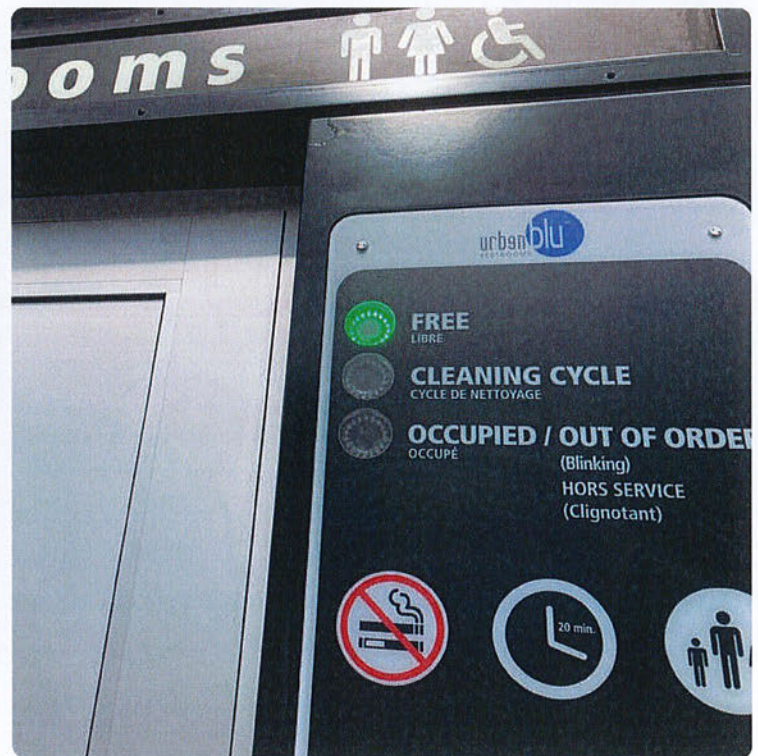
LET THIS SMART TOILET DO THE WORK FOR YOU.  
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- Urban Spaces
- Recreation Facilities
- Provincial Parks & Campgrounds
- Commercial Centres & Markets
- Highway Rest Stops



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# START A PROJECT

(<https://www.parkworksco.com/start-a-project/>)

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(<https://www.parkworksco.com/inspiration/>)



(<https://www.parkworksco.com>)

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(<https://www.parkworksco.com/inspiration/parkworks-projects/UCWLDPXrqYDspaVqgClibHIQ>)

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(<http://www.urbnblu.com/en-us/>)



(<http://www.extinc.com/buildings-restroom.html>)

#### FIVE QUICK BENEFITS OF ADVANCED SMART TECHNOLOGY TOILETS:

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- Wifi capable
- Universal access > ADA Accessible

(<https://www.parkworksco.com/>)





**From:** Dorosz, Megan (AltaLink) <Megan.Dorosz@AltaLink.ca>  
**Sent:** December 4, 2023 3:19 PM  
**To:** Roland Milligan <AdminCAO@mdpincercreek.ab.ca>  
**Subject:** AltaLink's proposed 185L and 412L Transmission Line Rebuild Project

Good afternoon Roland,

AltaLink is proposing to rebuild portions of the existing 185L and 412L transmission lines in the MD of Pincher Creek to ensure a safe and reliable supply of power in the area. The proposed rebuild begins at the Pincher Creek substation, approximately 1 km north of the Town of Pincher Creek and is approximately 5.5 km in length. Please see the attached newsletter and maps for further details.

The existing transmission lines are currently located on two separate sets of structures. AltaLink is assessing two options:

- Option 1: Rebuild them as two separate, single circuit lines along their existing alignments
- Option 2: Consolidate both single circuit lines into one new double circuit transmission line

We are completing stakeholder consultation and additional engineering on both options and would like your feedback to determine the final solution. AltaLink plans to file an application to the Alberta Utilities Commission in March 2024. Pending approval, construction would begin at the end of 2024.

Please let me know if you have any feedback or questions about AltaLink's proposed development.

Thank you,

**Megan Dorosz** Right-of-Way Planner

**T** (403) 267-6173 **C** (403) 305-9024 **E** [megan.dorosz@altalink.ca](mailto:megan.dorosz@altalink.ca)

**AltaLink** A Berkshire Hathaway Energy Company

2611 – 3<sup>rd</sup> Avenue SE, Calgary, AB, T2A 7W7

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# Electric system improvements near you

## 185L and 412L Transmission Lines Rebuild

You are receiving this newsletter because you are near the 185L and 412L Transmission Lines Rebuild and we want your input.

AltaLink's existing 185L and 412L **transmission** lines were constructed more than 60 years ago and portions of both lines are in a **high-risk fire area**.

Part of our wildfire mitigation plan includes strengthening our system and making proactive safety improvements so that it is less likely to contribute to igniting wildfires. We've identified these lines as a high priority and are proposing to rebuild portions of the lines to raise the safety and design performance to current standards.

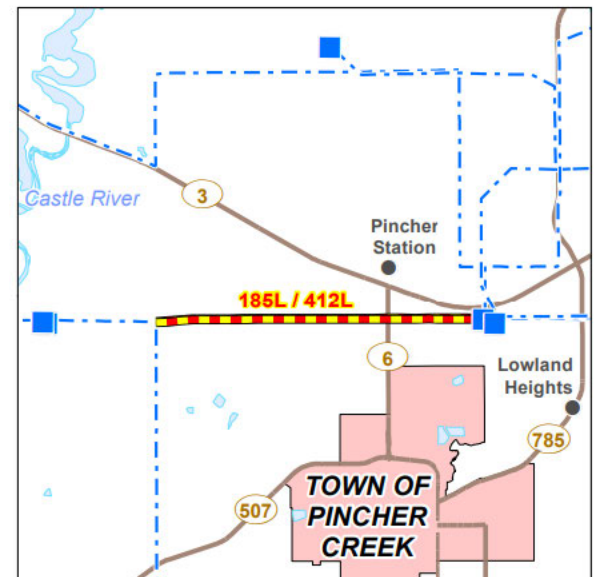
You may have received information about another project in the area called the 164L and 616L Transmission Lines Rebuild. That is a separate project. If you have any questions about that project, please contact us.

We are providing you with:


- project details
- maps of the proposed project
- information about how you can provide your input
- the project schedule

### Staying safe in high-risk fire areas

Wildfires are increasing in frequency and severity. AltaLink is working with Alberta Wildfire to accelerate and enhance our wildfire mitigation plan to proactively upgrade AltaLink assets. While there is no immediate risk to public safety, we are taking precautions, increasing inspections, and addressing potential issues earlier to ensure the safe and reliable supply of power in this area for years to come.



#### LEGEND

- |   |                                    |   |            |
|---|------------------------------------|---|------------|
|  | Existing Substation                |  | Road       |
|  | Proposed Transmission Line Rebuild |  | Urban Area |
|  | Existing Transmission Line         |  | Water Body |
|  | Hamlet or Locality                 |   |            |

## Project details

The proposed project is located approximately one kilometre north of the Town of Pincher Creek. It involves rebuilding approximately 5.5 kilometres of:



- the existing 69 kilovolt (kV) single **circuit** transmission line (called 185L)
- the existing 138 kV single circuit transmission line (called 412L)

AltaLink is considering two possible options to rebuild these transmission lines. We are completing additional engineering and would like your feedback on both options to determine the final solution.

- Option 1: Rebuild them as two separate, single circuit lines along their existing alignments
- Option 2: Consolidate both single circuit lines into one new double circuit transmission line

### Proposed transmission structures and **right-of-way**

The structures on the existing lines are wood H-frame structures that are approximately 15-20 metres (m) tall. We are proposing two different structure types based on the two different options that we are considering to rebuild the lines.

	Single circuit H-Frames	Double circuit monopoles
		
<b>Option</b>	Rebuilding the lines as two separate lines (similar structures to the existing lines)	Consolidating the two lines into one line
<b>Type</b>	Wood	Steel
<b>Height</b>	15 to 25 m	20 to 30 m
<b>Right-of-way</b>	Approximately 10 additional metres will be required on both the north and south sides of the existing rights-of-way	No additional right-of-way is needed

Both options will require optical ground wire (OPGW) on the entire length of the new transmission line. This equipment provides lightning protection and is part of a telecommunication network that allows AltaLink to monitor, control, protect, and restore the electric system.

Some access trails and construction workspace may be required to assist with safe work practices and to minimize disturbance during the rebuild. Please see the access trails and construction workspace on the maps in this package for more details.

AltaLink offers fair market value for the land at the time of acquisition and will discuss options individually with landowners.



## DEFINITIONS:

### Transmission

Transmission lines make up Alberta's electric highway, linking the places where power is generated to where power is used. Transmission lines transport large amounts of power over long distances across the province. The transmission system connects diverse sources of power generation including wind, high-efficiency coal, natural gas and more.

### High-risk fire area

An area where the consequences of a wildfire will have a higher impact on the community as identified by third-party experts. These impacts may be influenced by location, conditions, and/or access to water and firefighting services. Wildfires can start with a single spark from a variety of sources, including weather conditions, third-party contacts, or equipment failure.

### Circuit

A circuit is a group of wires that electricity flows through. The wires are strung along power line structures. Transmission line structures can be described as single or double circuit. In a single circuit transmission line, three single or bundled wires are strung along the transmission structures. A double circuit transmission line has six single or bundled wires strung along the structures.

### Right-of-way

The right-of-way is a strip of land required for the construction and safe operation of a transmission line. A right-of-way refers to the physical space a transmission line encompasses including areas on either side of the line. The majority of the right-of-way can still be used by the landowner. Buildings cannot be placed on the right-of-way, but can be built up to the edge of the right-of-way.

## Electric and Magnetic Fields (EMF)

AltaLink recognizes that people may have concerns about exposure to EMF and we take those concerns seriously.

Everyone in our society is exposed to power frequency EMF from many sources, including:

- power lines and other electrical facilities
- electrical appliances in your home
- building wiring

National and international organizations such as Health Canada and the World Health Organization (WHO) have been conducting and reviewing research on exposure to EMF for more than 40 years. Based on this research, these agencies have not recommended that the general public needs to take steps to limit their everyday exposure to EMF from high voltage transmission lines, including individuals that are located on the edge of a power line right-of-way.

If you have any questions about EMF please contact us.

Website: [www.altalink.ca/emf](http://www.altalink.ca/emf)

Email: [emfdialogue@altalink.ca](mailto:emfdialogue@altalink.ca)

Toll-free phone number: 1-866-451-7817

## Providing your input

We will contact landowners, residents and occupants near the proposed project to gather input and address questions or concerns.

After our consultation and notification process is complete, we will file an application with the Alberta Utilities Commission (AUC). The AUC ensures the fair and responsible delivery of Alberta's utility services and will review the application through a process in which stakeholders can participate.

We will notify stakeholders when we file the application and again once the AUC has reached a decision about the project. To learn more about the AUC process and how you can become involved, please refer to the brochure included in this package titled *Participating in the AUC's independent review process to consider facility applications*.

## Anticipated project schedule

Notify and consult with stakeholders	Fall/Winter 2023
File application with Alberta Utilities Commission (AUC)	February – March 2024
Start construction if project is approved	November 2024
Construction completed	March 2025

*Although we attempt to follow the anticipated project schedule it is subject to change. We will continue to provide you with updated schedule information if required as the project progresses.*

## Contact us

*To learn more about the proposed project please contact:*

### **ALTALINK**

1-877-267-1453 (toll free)

E-mail: [stakeholderrelations@altalink.ca](mailto:stakeholderrelations@altalink.ca)

Website: [www.altalink.ca/projects](http://www.altalink.ca/projects)

*To learn more about the application and review process, please contact:*

### **ALBERTA UTILITIES COMMISSION (AUC)**

780-427-4903 (toll-free by dialing 310-0000 before the number.)

E-mail: [consumer-relations@auc.ab.ca](mailto:consumer-relations@auc.ab.ca)

### **PRIVACY COMMITMENT**

AltaLink is committed to protecting your privacy. Collected personal information will be protected under AltaLink's Privacy Policy and the Personal Information Protection Act. As part of the regulatory process for new transmission projects, AltaLink may provide your personal information to Alberta Utilities Commission (AUC). For more information about how AltaLink protects your personal information, visit our website at [www.altalink.ca/privacy](http://www.altalink.ca/privacy) or contact us directly via e-mail [privacy@altalink.ca](mailto:privacy@altalink.ca) or phone at 1-877-267-6760.

## INCLUDED IN THIS INFORMATION PACKAGE:

- Project maps
- AUC brochure: *Participating in the AUC's independent review process to consider facility applications*

## SUBSCRIBE TO THIS PROJECT

- 1) Visit: [altalink.ca/projects](http://altalink.ca/projects)
- 2) Search for the project title
- 3) Click **Subscribe to Updates**

## LET'S TALK TRANSMISSION



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**NOTES**

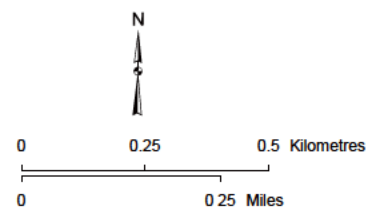
AltaLink is proposing two options for the rebuild of 185L and 412L transmission lines. The Single Circuit Option proposes to rebuild both transmission lines along their existing alignments. The Double Circuit Option proposes to consolidate both facilities into one double circuit transmission line. The alignment of this double circuit transmission line will be approximately 3 m south of the existing 412L transmission line.



**LEGEND**

- Existing Substation
- Proposed Transmission Line Rebuild - Single Circuit Option
- Proposed Transmission Line Rebuild - Double Circuit Option
- Existing Transmission Line
- Church
- Hamlet or Locality
- Residence
- Pipeline
- Railway
- Road
- Airport
- Environmentally Significant Area
- Urban Area
- Water Body

NO:  
DRAWN: SG - AL  
FILE NO.: XXXXXXXX  
REVISION: 0.00 02  
AL FOLDER: 185L\_412L\_Transmission\_Line\_Rebuild  
**DATE: 2023-10-25**



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Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.

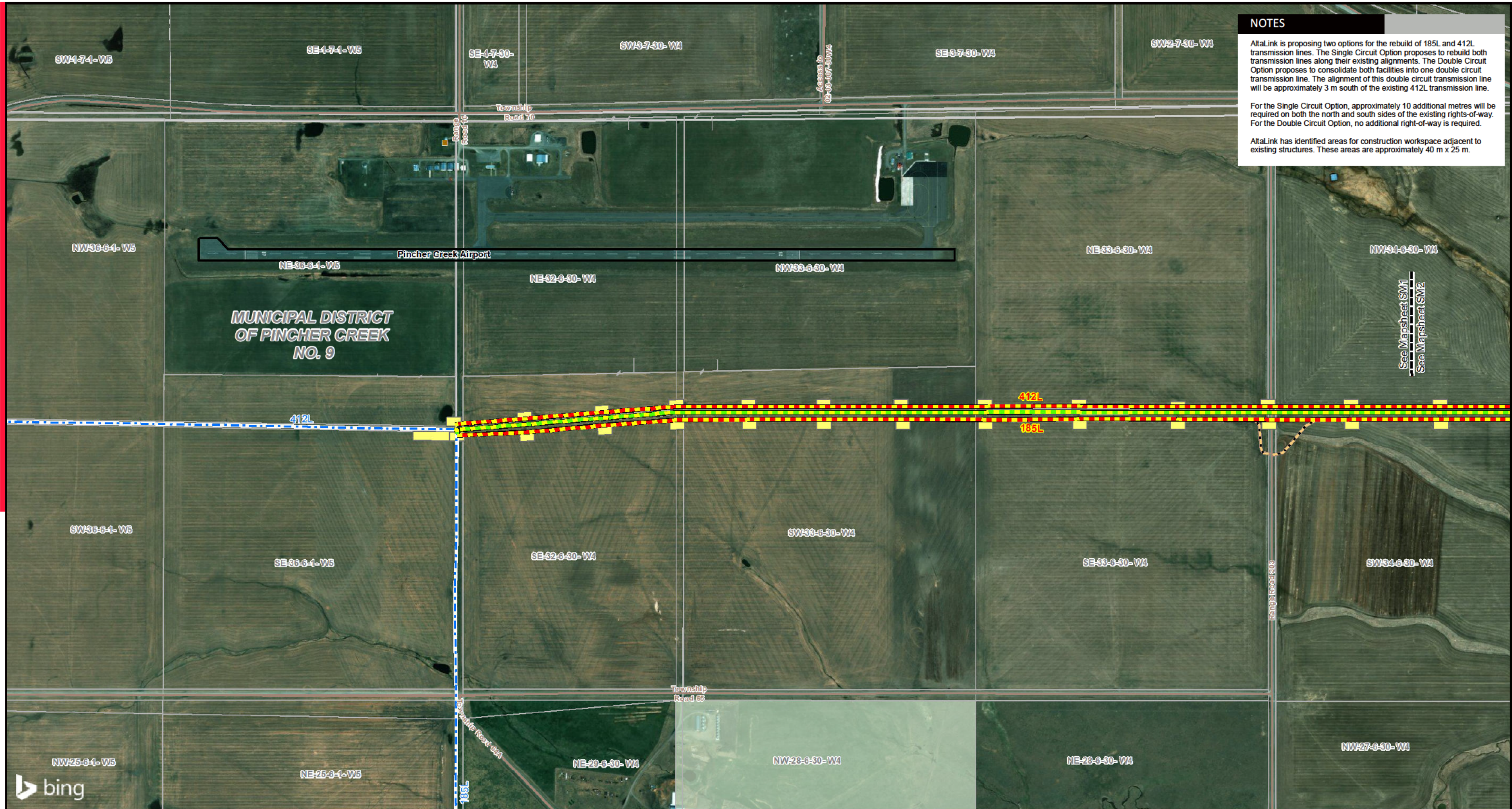
**DETAIL PHOTO DP1**



**PROPOSED**

185L / 412L Transmission Line Rebuild





**NOTES**

AltaLink is proposing two options for the rebuild of 185L and 412L transmission lines. The Single Circuit Option proposes to rebuild both transmission lines along their existing alignments. The Double Circuit Option proposes to consolidate both facilities into one double circuit transmission line. The alignment of this double circuit transmission line will be approximately 3 m south of the existing 412L transmission line.

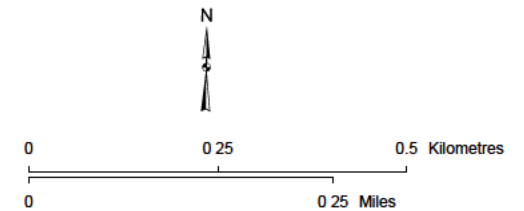
For the Single Circuit Option, approximately 10 additional metres will be required on both the north and south sides of the existing rights-of-way. For the Double Circuit Option, no additional right-of-way is required.

AltaLink has identified areas for construction workspace adjacent to existing structures. These areas are approximately 40 m x 25 m.

**LEGEND**

Existing Substation	Church	Urban Area
Proposed Transmission Line Rebuild - Single Circuit Option	Hamlet or Locality	Water Body
Proposed Transmission Line Rebuild - Double Circuit Option	Residence	
Existing Transmission Line	Railway	
Access Trail	Road	
Construction Workspace	Airport	
Laydown Yard	Environmentally Significant Area	

NO:  
 DRAWN: SG - AL  
 FILE NO.: XXXXXXX  
 REVISION: 0.00.00  
 AL FOLDER: 185L\_412L\_Transmission\_Line\_Rebuild  
**DATE: 2023-10-25**



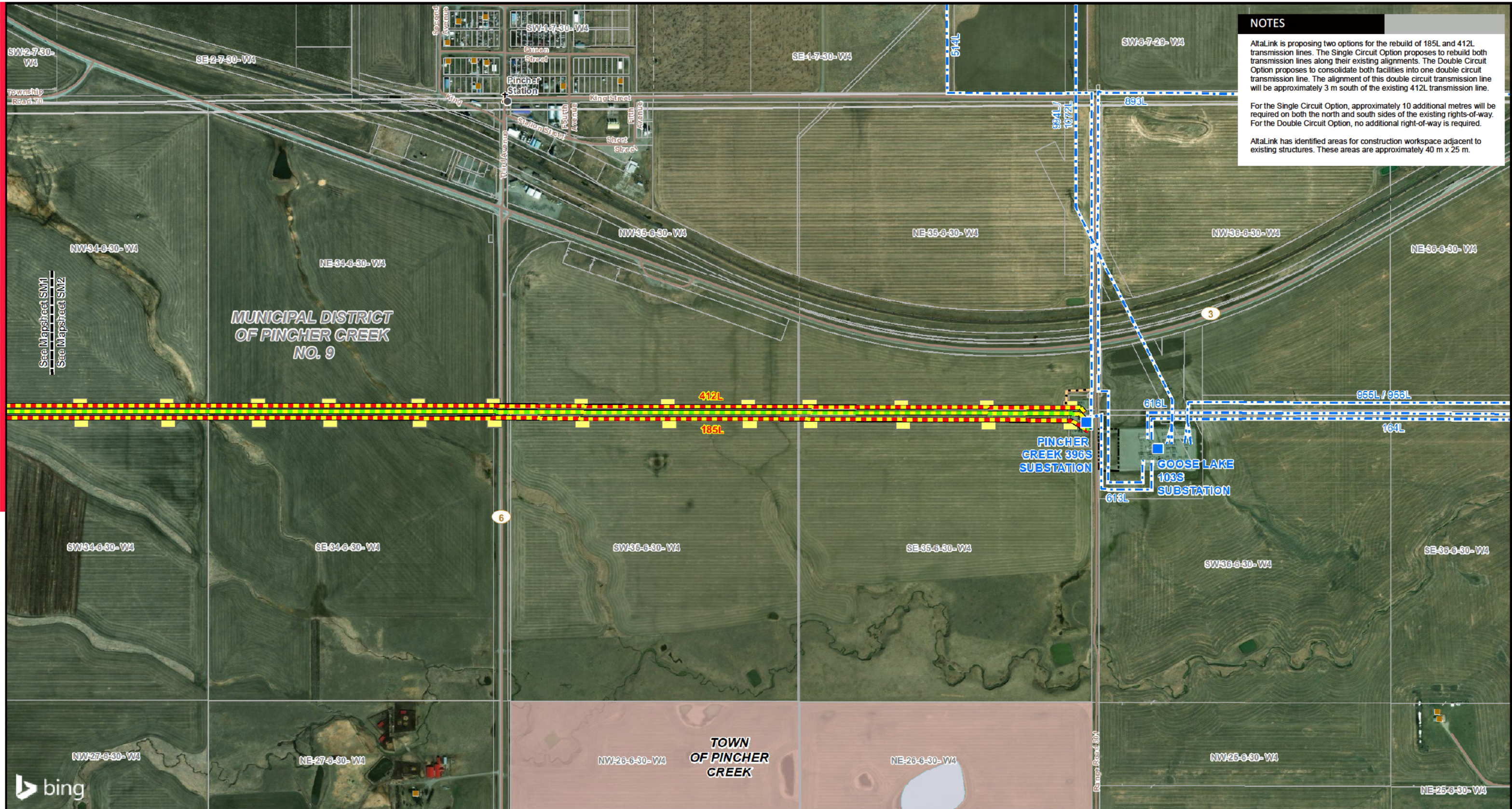
**STRIP MOSAIC SM1**

**PROPOSED**

185L/ 412L Transmission Line Rebuild

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 Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.





**NOTES**

AltaLink is proposing two options for the rebuild of 185L and 412L transmission lines. The Single Circuit Option proposes to rebuild both transmission lines along their existing alignments. The Double Circuit Option proposes to consolidate both facilities into one double circuit transmission line. The alignment of this double circuit transmission line will be approximately 3 m south of the existing 412L transmission line.

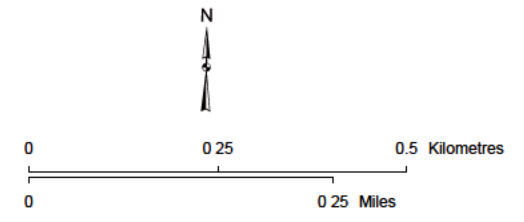
For the Single Circuit Option, approximately 10 additional metres will be required on both the north and south sides of the existing rights-of-way. For the Double Circuit Option, no additional right-of-way is required.

AltaLink has identified areas for construction workspace adjacent to existing structures. These areas are approximately 40 m x 25 m.

**LEGEND**

Existing Substation	Church	Urban Area
Proposed Transmission Line Rebuild - Single Circuit Option	Hamlet or Locality	Water Body
Proposed Transmission Line Rebuild - Double Circuit Option	Residence	
Existing Transmission Line	Railway	
Access Trail	Road	
Construction Workspace	Airport	
Laydown Yard	Environmentally Significant Area	

NO:  
 DRAWN: SG - AL  
 FILE NO.: XXXXXXX  
 REVISION: 0.00.00  
 AL FOLDER: 185L\_412L\_Transmission\_Line\_Rebuild  
**DATE: 2023-10-25**



**STRIP MOSAIC SM2**

**ALTALINK**  
 A BERKSHIRE HATHAWAY ENERGY COMPANY

**PROPOSED**

**185L/ 412L Transmission Line Rebuild**

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 Although there is no reason to believe that there are any errors associated with the data used to generate this product or in the product itself, users of these data are advised that errors in the data may be present.



## Step 5: Consultation and negotiation (if applicable)\*

The Commission supports ongoing efforts to reach an agreeable outcome for the applicant and all affected parties. The Commission encourages the applicant and those who have filed a statement to continue to attempt to resolve any outstanding issues. If all concerns can be satisfactorily resolved this may eliminate the need for a formal hearing. However, if there continues to be unresolved issues, those matters will typically be addressed at an AUC hearing.

## Step 6: The public hearing process\*

The AUC will issue a notice of hearing if there continues to be legitimate unresolved concerns with the application. The notice of hearing will provide a hearing date and location in addition to a process schedule. The AUC conducts public hearings in its Edmonton and Calgary hearing rooms and, where suitable venues exist, in communities closer to the proposed project area.

The public hearing process allows persons with standing that have unresolved concerns about the application, to express their views directly to a panel of Commission members.

An AUC hearing is a formal, evidence-based, court-like proceeding. The public can attend the hearing in person or listen to hearings online through the AUC's website.

Participants in a hearing can either represent themselves or be represented by a lawyer. In addition, participants may hire experts to assist in preparing and presenting evidence to support their position.

### Cost assistance

A person determined by the Commission to be a local intervener can apply for reimbursement of reasonable costs. Those who hire a lawyer or technical experts must be aware that while reimbursement for the costs of legal and technical assistance is available under AUC Rule 009: *Local Intervener Funding*, recovery of costs is subject to the Commission assessing the value of the

contribution provided by the lawyer and technical experts. People with similar interests and positions are expected to work together to ensure that expenditures for legal or technical assistance are minimized and costs are not duplicated.

## Step 7: The decision

The AUC's goal is to issue its written application decision no more than 90 days after the hearing is complete. The Commission can approve, or deny an application and can also make its approval conditional upon terms or conditions. All AUC decision reports are available to any member of the public on the AUC's website or by obtaining a printed copy from the AUC.

## Step 8: Opportunity to appeal

An applicant or dissatisfied participant may formally ask the Court of Appeal of Alberta for permission to appeal a Commission decision. An application for permission to appeal must be filed within 30 days from the date the decision is issued.

An applicant or dissatisfied participant can also ask the Commission to review its decision. An application to review a Commission decision must be filed within 60 days from the date the decision is issued and satisfy the limited grounds described in AUC Rule 016: *Review and Variance of Commission Decisions*.

## Step 9: Construction, operation and compliance

An applicant that receives approval to build and operate a facility from the Commission must adhere to any conditions that were set out in that approval. If concerns about compliance with approval conditions and post-construction operations cannot be resolved with the applicant, they can be brought to the AUC's attention for consideration. The AUC has significant compliance and enforcement powers for all approved applications. Additional information is available on the AUC website under "Compliance and enforcement."

### \*Opportunity for public involvement

The Alberta Utilities Commission is an independent, quasi-judicial agency of the Government of Alberta that ensures the delivery of Alberta's utility services take place in a manner that is fair, responsible and in the public interest.

## Contact us

Phone: 310-4AUC (310-4282 in Alberta)  
1-833-511-4AUC (1-833-511-4282 outside Alberta)  
Email: [info@auc.ab.ca](mailto:info@auc.ab.ca)

Eau Claire Tower 1400, 600 Third Avenue S.W. Calgary, Alberta T2P 0G5	106 Street Building 10th Floor, 10055 106 Street Edmonton, Alberta T5J 2Y2
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The Alberta Utilities Commission is committed to ensuring that Albertans whose rights may be directly and adversely affected by a utility development project are informed of the application and have the opportunity to have their concerns heard, understood and considered.



**Participating  
in the AUC's  
independent  
review process**

# Application review process

Step 1: Public consultation prior to application by proponent

Step 2: Application filed with the AUC

Step 3: Public notice issued by the AUC

Step 4: Public submissions to the AUC

Step 5: Consultation and negotiation

Step 6: The public hearing process

Step 7: The decision

Step 8: Opportunity to appeal

Step 9: Construction, operation and compliance

## The AUC's regulatory role in needs and facility applications and its independent review and hearing process:

The AUC uses an established process, outlined in this brochure, to review social, economic and environmental impacts of facility projects to decide if approval is in the public interest. Approvals from the AUC are required for the construction, operation, alteration and decommissioning of transmission lines and electric substations.

Approvals are required for:

- The need for transmission upgrades.
- The route and location of transmission facilities.
- The siting of power plants, including renewables such as wind and solar more than five megawatts.

Sometimes a needs application is considered together with a facility application in a single hearing; sometimes separate hearings may be held to consider each application.

### Step 1: Public consultation prior to application\*

Prior to filing an application with the AUC for the approval of a proposed utility development, the applicant must engage in a public consultation program in the area of the proposed project, so that concerns may be raised, addressed and, if possible, resolved.

The application guidelines and requirements for facility applications can be found in AUC Rule 007: *Applications for Power Plants, Substations, Transmission Lines, Industrial System Designations and Hydro Developments*, and AUC Rule 020: *Rules Respecting Gas Utility Pipelines*.

Potentially affected parties are strongly encouraged to participate in the initial public consultation, as early involvement in discussions with an applicant may lead to greater influence on project planning and what is submitted to the AUC for approval.

The Alberta Electric System Operator, as the system planner, will notify potentially affected stakeholders of applications on the need for transmission development.

### Step 2: Application filed with the AUC

When the participant involvement requirements have been completed, the applicant files its application with the AUC through a public filing system, called the eFiling System, on the AUC website.

The application is then reviewed to ensure the information required by the Commission is included. If the required information is not provided, the AUC may close the application or request more

information from the applicant. In the application, any issues that were raised during the public consultation and any related amendments to the proposal should be identified. All unresolved objections or concerns identified during the public consultation must be described in the application.

### Step 3: Public notice

The AUC generally issues a notice by mail directly to those who live, operate a business or occupy land in the project area who may be affected by the Commission's decision on the proposed project. The notice for larger facility projects with potentially greater impacts may also be published in local newspapers.

The notice will specify a submission deadline. The information required by this deadline is general in nature as outlined in Step 4. Additional opportunities to provide evidence and additional information will arise after this deadline.

### Step 4: Public submissions to the AUC\*

The AUC review process is referred to as a proceeding. Anyone with unresolved objections or concerns about the application can file a brief written statement with the AUC on the proceeding. The easiest way to file a statement is to fill out the form through the eFiling System found on the AUC website. The statement must include your contact information, where you reside or own property in relation to the proposed facility, your concern or interest in the application, an explanation of your position and what you feel the AUC should decide.

The AUC uses the information it gathers through the forms to decide whether to hold a hearing on the application(s). The Commission must hold a hearing if a person can demonstrate that he or she has rights that may be directly or adversely affected by the Commission's decision on the application. Such a person is said to have standing before the Commission. If the AUC decides to hold a hearing, the AUC will provide further opportunities for participants with standing to understand the application and present their position on the application either in writing or in person.

Subject to some limited exceptions, all information and materials provided as part of an AUC proceeding will become part of the public record and will be available through the eFiling System. The AUC's treatment of some types of information as confidential is rare and only available under limited circumstances to ensure that the AUC's process is open and transparent.

### AUC eFiling System

The eFiling System is the tool that the AUC uses to manage applications and submissions in its proceeding-based review. The eFiling System gives access to all public documents associated with an application and is how to provide your input to the AUC and monitor the related proceeding filings. Those who do not have access to the internet can send submissions, evidence and other material by mail and the AUC will upload the submission on their behalf.

### \*Opportunity for public involvement



December 31, 2023

To the Reeve and Council  
Municipal District of Pincher Creek No. 9  
PO Box 279  
Pincher Creek, Alberta T0K 1W0

Ladies and Gentlemen:

**Objective and scope**

You have requested that we audit the financial statements of the Municipal District of Pincher Creek No. 9, which comprise the consolidated statement of financial position as at December 31, 2023, and the consolidated statement of operations, change in net financial assets (debt), and cash flow for the year then ended, and a summary of significant accounting policies and other explanatory information. We are pleased to confirm our acceptance and our understanding of this audit engagement by means of this letter. Our audit will be conducted with the objective of our expressing an opinion on the financial statements.

**Our responsibilities as auditor**

We will conduct our audit in accordance with Canadian generally accepted auditing standards. Those standards require that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement. An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

Because of the inherent limitations of an audit, together with the inherent limitations of internal control, there is an unavoidable risk that some material misstatements may not be detected, even though the audit is properly planned and performed in accordance with Canadian generally accepted auditing standards.

In making our risk assessments, we consider internal control relevant to the entity's preparation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. However, we will communicate to you in writing concerning any significant deficiencies in internal control relevant to the audit of the financial statements that we have identified during the audit.

**Management's responsibilities**

Our audit will be conducted on the basis that management and those charged with governance acknowledge and understand that they have responsibility:

- (a) For the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards,
- (b) For such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error; and



Reeve and Council  
Municipal District of Pincher Creek No. 9  
Page 2  
December 31, 2023

- (c) To provide us with:
  - (i) Access to all information of which management is aware that is relevant to the preparation of the financial statements such as records, documentation and other matters;
  - (ii) Additional information that we may request from management for the purpose of the audit; and
  - (iii) Unrestricted access to persons within the entity from whom we determine it necessary to obtain audit evidence.

As part of our audit process, we will request from management and, where appropriate, those charged with governance written confirmation concerning representations made to us in connection with the audit.

We look forward to full cooperation from your staff during our audit.

#### **Working papers**

We will ask that your personnel, to the extent possible, prepare various schedules and analyses in order to minimize your investment in the audit process. The working papers, files, other materials, reports and work created, developed or performed by us during the course of the engagement are the property of our Firm, constitute confidential information and will be retained by us in accordance with our Firm's policies and procedures.

#### **File inspections**

In accordance with professional regulations, our client files may periodically be reviewed by practice inspectors and by other file quality reviewers to ensure that we are adhering to professional and our Firm's standards. File reviewers are required to maintain the confidentiality of client information.

#### **Confidentiality**

One of the underlying principles of the profession is a duty of confidentiality with respect to client affairs. Each professional accountant must preserve the secrecy of all confidential information that becomes known during the practice of the profession. Accordingly, we will not provide any third party with confidential information concerning the affairs of Municipal District of Pincher Creek No. 9 unless:

- a) We have been specifically authorized with prior consent;
- b) We have been ordered or expressly authorized by law or by the Rules of Professional Conduct; or
- c) The information requested is (or enters into) public domain.

In delivering our service to you, we may use and have access to software and/or services that facilitate and complement our accounting services we have available to you. Unless you advise us to the contrary, you authorize us to disclose to the providers of those software's and/or services your details solely to enable us to facilitate those services to you without obligation. Your Personal information will only be provided to such organizations if they agree to use the information solely for the purposes instructed to them and can provide a comparable level of security and privacy protection as our own.

Please note that confidential information may be shared within the Avail group of companies in order to serve you better. Please visit our website at [availcpa.com](http://availcpa.com) to obtain a copy of our detailed Privacy Policy.

In performing our services, we will send messages and documents electronically. You acknowledge that electronic communication carries the possibility of inadvertent misdirection, interception or non-delivery of confidential material, or infection by a virus. If you do not consent to our use of electronic communications, please notify us in writing.



Reeve and Council  
Municipal District of Pincher Creek No. 9  
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December 31, 2023

We do not accept responsibility and will not be liable for any damage or loss caused in connection with the interception or corruption of an electronic communication.

#### **Indemnity**

We will use all reasonable efforts to complete the engagement as described in this letter within the agreed upon time frames. However, we shall not be liable for failures or delays in performance that arise from causes beyond our control, including the untimely performance by the Municipal District of Pincher Creek No. 9 of its obligations.

#### **Billing**

It is understood and agreed that accounts for services rendered by Avail LLP Chartered Professional Accountants will have G.S.T. added where applicable, and are payable upon receipt of invoice. It is understood and agreed that the Municipal District of Pincher Creek No. 9 will pay to Avail LLP Chartered Professional Accountants the principal amount reflected on all invoiced accounts for services rendered together with interest on any unpaid balance thereof, commencing 30 days following the invoice date at the rate of 1.5% per month or 19.562% per annum. In the event accounts go unpaid, Avail LLP Chartered Professional Accountants reserves the right to discontinue work on behalf of the client at any time.

#### **Fees paid in advance**

In the event you pay all or a portion of your fees in advance, the firm agrees to the following:

- (a) To render invoices on a periodic basis and/or upon the completion of the engagement.
- (b) To render statements to you on a periodic basis detailing issuances of invoices and applications of advance fees paid.
- (c) To retain as a credit in your account to be applied against fees for future engagements any advance fees paid in excess of the rendered invoices for this engagement, unless you request a refund.
- (d) To refund the excess of advance fees on hand in the event the firm determines the agreed professional services cannot be completed.

#### **Costs of responding to government or legal processes**

In the event we are required to respond to a subpoena, court order, government agency or other legal process for the production of documents and/or testimony relative to information we obtained and/or prepared during the course of this engagement, you agree to compensate us at our normal hourly rates for the time we expend in connection with such response, and to reimburse us for any direct out-of-pocket costs, including applicable G.S.T.

#### **Ownership**

The working papers, files, other materials, reports and work created, developed or performed by us during the course of the engagement are the property of our firm, constitute our confidential information and will be retained by us in accordance with our firm's policies and procedures.

During the course of our work, we may provide, for your own use, certain software, spreadsheets and other intellectual property to assist with the provision of our services. Such software, spreadsheets and other intellectual property must not be copied, distributed or used for any other purpose. We do not provide any warranties in relation to these items and will not be liable for any lost or corrupted data or other damage or loss suffered or incurred by you in connection with your use of them. Upon termination or expiry of this engagement, you will lose access to our software, including any cloud-based services, and you agree to cease use of any other software, spreadsheets or other intellectual property we have provided to you.

We retain the copyright and all intellectual property rights in any original materials provided to you.





Reeve and Council  
Municipal District of Pincher Creek No. 9  
Page 4  
December 31, 2023

**Other services**

In addition to the audit services referred to above, we will, as allowed by the Rules of Professional Conduct, prepare your federal and provincial income tax returns and other special reports as required. Management will provide the information necessary to complete these returns/reports and will file them with the appropriate authorities on a timely basis.

It may be necessary for Municipal District of Pincher Creek No. 9 to file underused housing tax return(s) relating to its ownership of Canadian residential property(ies). There are substantial fines and penalties for non-compliance. This engagement does not cover the preparation or filing of these returns.

**Use of information**

It is acknowledged that we will have access to all personal information in your custody that we require to complete our engagement. Our services are provided on the basis that:

- (a) You represent to us that management has obtained any required consents for the collection, use and disclosure to us of personal information required under applicable privacy legislation; and
- (b) We will hold all personal information in compliance with our Privacy Statement.

**Reporting**

Unless unanticipated difficulties are encountered, our report will be substantially in the following form:

<p>To: The Reeve and Council of Municipal District of Pincher Creek No. 9</p> <p><i>Independent Auditor's Report</i></p> <p><i>Opinion</i> We have audited the financial statements of the Municipal District of Pincher Creek No. 9, which comprise the consolidated statement of financial position as at December 31, 2023, and the consolidated statement of operations, change in net financial assets (debt), and cash flow for the year then ended, and notes to the financial statements, including a summary of significant accounting policies.</p> <p>In our opinion, the accompanying financial statements present fairly, in all material respects, the financial position of the Municipal District as at December 31, 2023, and its results of operations and its cash flows for the year then ended in accordance with Canadian public sector accounting standards.</p> <p><i>Basis for Opinion</i> We conducted our audit in accordance with Canadian generally accepted auditing standards. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Municipal District in accordance with the ethical requirements that are relevant to our audit of the financial statements in Canada, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.</p>
--



*Responsibilities of Management and Those Charged with Governance for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with Canadian public sector accounting standards, and for such internal control as management determines is necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Municipal District's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Municipal District or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Municipal District's financial reporting process.

*Auditor's Responsibilities for the Audit of the Financial Statements*

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with Canadian generally accepted auditing standards will always detect a material misstatement when it exists. Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements. As part of an audit in accordance with Canadian generally accepted auditing standards, we exercise professional judgment and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Municipal District's internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by management.





Reeve and Council  
Municipal District of Pincher Creek No. 9  
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December 31, 2023

- Conclude on the appropriateness of management’s use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Municipal District's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor’s report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor’s report. However, future events or conditions may cause the Municipal District to cease to continue as a going concern.
  - Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.
- We communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.
- [Firm location] AVAIL LLP  
[Date of the auditor's report] Chartered Professional Accountants

Depending on the results of our audit findings, the form and content of our report may need to be amended.

The terms of our engagement as outlined above will continue in effect from year to year until amended or terminated in writing.

If the above terms are acceptable to you, please sign and return this letter to indicate your acknowledgement of, and agreement with, the arrangements for our audit of the financial statements including our respective responsibilities.

AVAIL LLP  
*Avail LLP*  
Chartered Professional Accountants

\_\_\_\_\_  
Acknowledged and agreed on behalf of the Municipal District of Pincher Creek No. 9 by:

Name and Title: \_\_\_\_\_

Date: December 31, 2023





November 24, 2023

To: Parties currently registered in Proceeding 28501

### **Proceeding 28501**

### **Inquiry into the ongoing economic, orderly and efficient development of electricity generation in Alberta – Module A**

#### **Inquiry update**

On October 4, 2023, the Alberta Utilities Commission (AUC) issued a [notice](#) announcing an inquiry into the ongoing economic, orderly and efficient development of electricity generation in Alberta. The AUC's inquiry is focused into two modules (Module A and Module B) to explore the key issues identified in the Alberta government's [order-in-council](#).

Module A is exploring the land impact issues identified in the Alberta government's order-in-council, including the role of municipal governments. Module B is exploring considerations of the impact that the increasing growth of renewables has to both generation supply mix and electricity system reliability.

The order-in-council specifies that the AUC shall submit a report based on its analysis of the evidence received during the inquiry to the Minister of Affordability and Utilities no later than March 29, 2024.

The Alberta government separately enacted the *Generation Approvals Pause Regulation* on August 3, 2023, which prohibits the AUC from granting an approval of a hydro development or power plant that produces renewable energy while the regulation is in force. The *Generation Approvals Pause Regulation* is set to expire on February 29, 2024.

The AUC is committed to the timely development of Module A. In accordance with the process schedule, the information gathering portion for Module A will be completed by December 15, 2023. To assist with the Alberta government's intent to develop new policy frameworks in a timely way, the AUC intends to deliver the report for Module A to the Minister of Affordability and Utilities by the end of January 2024.

The AUC is continuing to develop Module B with the aim of delivering a final report no later than March 29, 2024, as directed.

Alberta Utilities Commission

# Helping Alberta manage water supply

December 01, 2023 [Media inquiries](#)

Alberta's government has issued a request for proposal (RFP) to enhance drought modelling and help the province prepare for 2024.

Alberta relies on melting snow and rain for most of its water. A lack of rain and early depletion of mountain snow led to drought in parts of the province this summer and below average precipitation has continued through the fall.

The government is issuing a request for proposal to help conduct modelling throughout the winter, and to work with municipalities, water users, industry and others to explore ways to maximize the province's water supply, if needed.

This is part of Alberta's work to help conserve and manage water now and be prepared for the future. Throughout the winter, Alberta's government will be working with partners across the province to find ways to manage and conserve water, and to develop plans for 2024.

“When it comes to water, we are all in this together. We cannot make it rain or snow, but we are preparing in case the province faces water shortages next year. This RFP will help complement the work my department already has underway to ensure that we make the most out of every drop in the coming months.”

*Rebecca Schulz, Minister of Environment and Protected Areas*

Alberta has dealt with drought conditions in two of the past three years, with 2023 being a particularly dry year. The province is currently at stage 4 (of five) of its water shortage management plan. Moving to stage 5 would include an emergency declaration under the *Water Act*.

This is part of the Alberta government's work to support the province and prepare for next year. Along with this RFP, government officials are meeting with municipalities, water users, farmers, industry and others to share information and look at ways to help conserve water where possible in the coming months. A water advisory committee of experts from outside of government will also be formed to provide advice and recommendations. More information will be announced in the

coming weeks.

## Quick facts

- Over the spring, summer and fall of 2023, Alberta took important actions, such as working closely with municipalities and helping livestock and poultry producers in hard-hit areas to find alternative sources of water. In some basins, water restrictions were put in place for licence holders and some municipalities also put voluntary or mandatory water restrictions in place to help conserve water.
- The governments of Alberta and Canada are providing \$165 million to support livestock producers affected by drought and extreme growing conditions.
- In October, the last month when rivers are completely free of ice, many river stations in Alberta experienced record low average monthly flows.
  - Bow River at Calgary was the second lowest it has been since 2000.
  - Elbow River at Bragg Creek was the lowest it has been since 2000.
  - Sheep River at Black Diamond was the second lowest it has been since 2000.
  - Willow Creek near Claresholm was the lowest it has been since 2000.
  - Oldman River at Lethbridge was the third lowest it has been since 2000.
  - South Saskatchewan River at Medicine Hat was the second lowest it has been since 2000.
  - Peace River at Peace River was the lowest it has been since 2000.

## Related information

- [Request for proposal - Drought Emergency Management Support: Water Sharing Agreements](#)
- [Alberta.ca/drought](https://alberta.ca/drought)

## Related news

- [Drought relief support for livestock producers](#) (Oct 20, 2023)

## Media inquiries

[Ryan Fournier](#)

780-232-2213

Press Secretary, Environment and Protected Areas

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[View this announcement online](#)

[Government of Alberta newsroom](#)

[Contact government](#)

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# Town of Pincher Creek

962 St John Ave (Box 159) Pincher Creek, AB T0K 1W0

403 627 3156

[reception@pinchercreek.ca](mailto:reception@pinchercreek.ca) [www.PincherCreek.ca](http://www.PincherCreek.ca)



November 28, 2023

MD Pincher Creek

PO Box 279  
Pincher Creek, AB  
T0K1W0

RECEIVED

DEC 4 2023

M.D of Pincher Creek

Subject: Unavailability of Second Peace Officer Vehicle for Lease

Dear Roland Milligan,

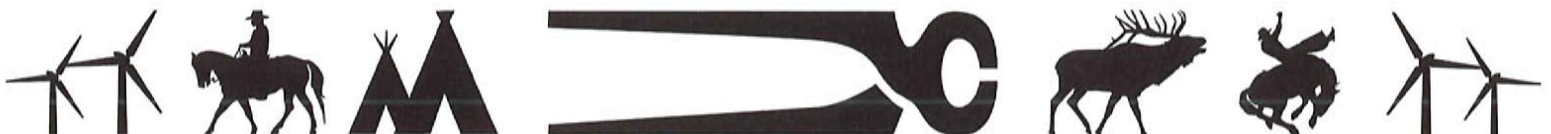
I am writing to inform you that the second Peace Officer vehicle, previously considered for lease, is unavailable. The vehicle has been stripped of all decals and absorbed back into the fleet as part of our ongoing efforts to replace older vehicles.

We are sorry we are unable to assist you with the leasing of a vehicle from our fleet.

Regards,

A handwritten signature in blue ink that reads "A. Lucas".

Angie Lucas MEDes., RPP, MCIP  
CAO,  
Town of Pincher Creek



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# 2024 Drought Risk and Management

Alberta Environment and Protected Areas  
November 2023



# Agenda

1. Importance of Water in Alberta
2. Current Situation
3. Drought Risk
4. Drought Management



# Importance of Water in Alberta

Water is essential for:



Public Health and Safety

Drinking water supply and wastewater dilution



Agriculture

Farmers and ranchers, agri-business, feedlots



Industrial /Commercial business

Oil and gas, power plants, factories and plants, small businesses that use water, etc...



Aquatic environment

Fish and other aquatic life, recreation



Meeting inter-provincial water apportionment obligations

# Current Situation

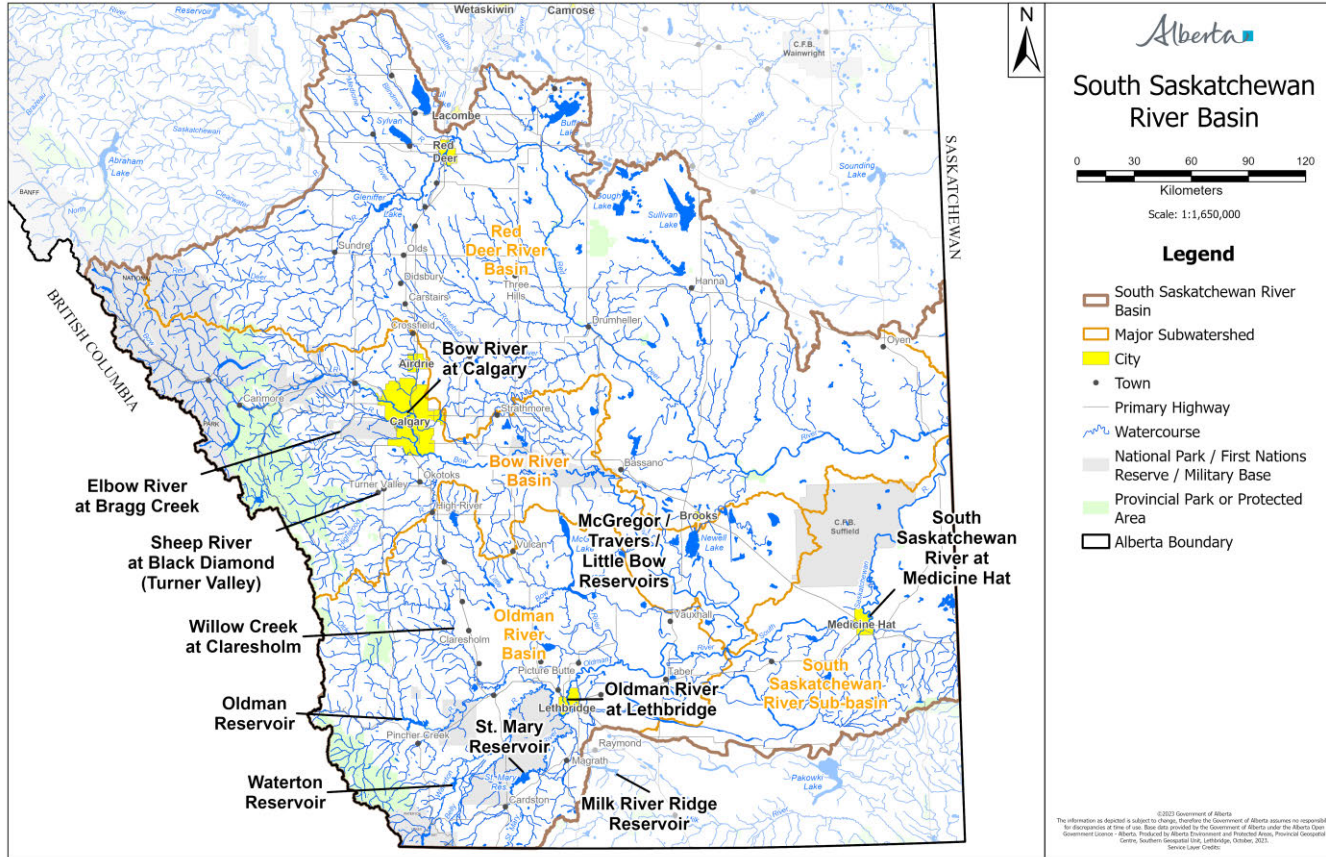
- Basins in critical water shortage condition due to low rainfall and high temperatures (over the summer):
  - Milk River and Oldman River basins.
  - South Saskatchewan River basin.
  - Bow River basin.
  - Red Deer and North Saskatchewan River basins.
  - Tributaries to the Peace, Athabasca, and Hay Rivers.



<https://rivers.alberta.ca/>

Alberta

# South Saskatchewan River Basin



# 2023 Natural River Flows

July to September % of normal average natural flow volumes:

- Bow River Basin (7 locations) – 54% of historic natural flow
- Oldman River Basin (5 locations) – 37% of historic natural flow
- Milk River Basin (3 locations) – 41% of historic natural flow
- Red Deer River Basin (2 locations) – 59% of historic natural flow



# Bow River in SE Alberta

July 2022



July 2023



# Highwood River near Bow River Confluence

July 2022



July 2023



# Pincher Creek at Hwy 3

July 2022



July 2023





# Reservoirs: Current vs. Normal

## As of November 30, 2023:

- Storage at Oldman Reservoir is at 26%
  - Normal at this time of year is 62-80%.
- Storage at St. Mary Reservoir is at 2%
  - Normal at this time of year is 41-70%.
- Storage at Pine Coulee Reservoir is at 28%
  - Normal at this time of year is 50-74%
- Storage at Waterton Reservoir is at 32%
  - Normal at this time of year is 48-70%



# Oldman Reservoir

Cowley drinking water intakes



Boat launch at provincial recreation area



Boat launch dock



# St Mary's Reservoir

View from the top of the dam

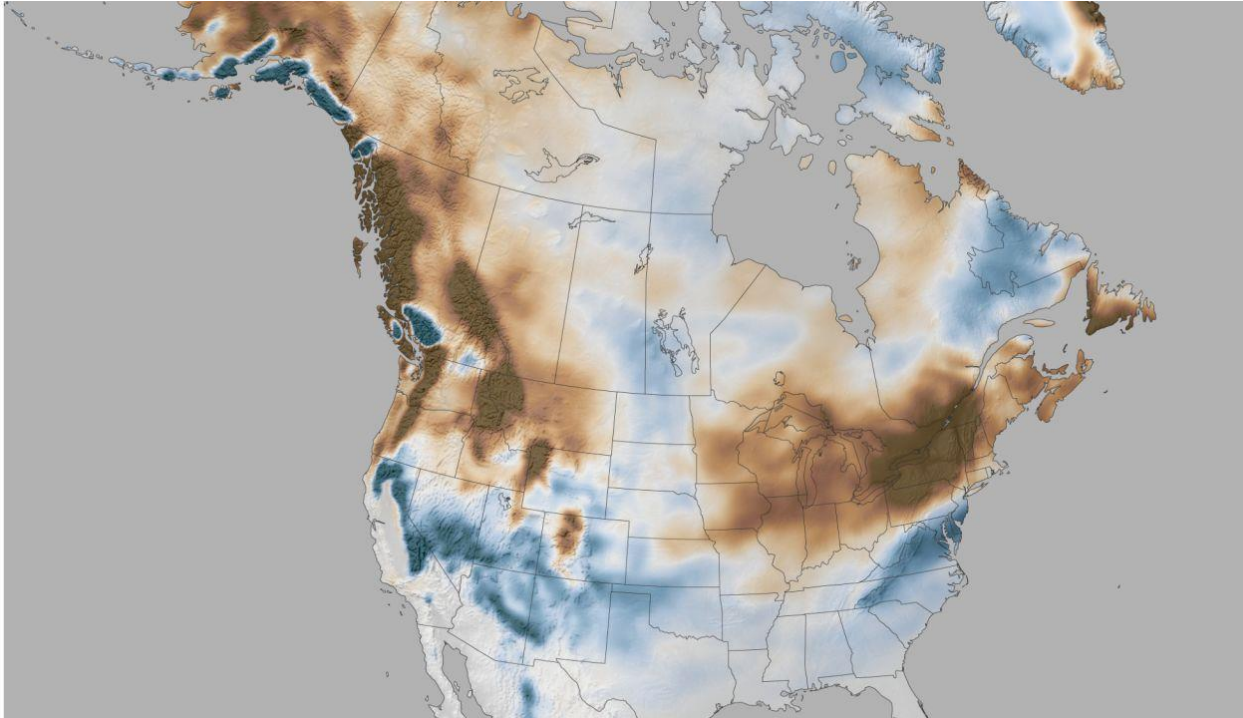




# Drought Risk: Long Range Forecast

- Oct-Nov-Dec forecast for Alberta (from ECCC)
  - >70% chance of a strong El Nino winter (warm and dry)
  - 40-60% chance of above normal temperatures
  - Minimal precipitation and snowpack forecast\* (\*but hard to predict)
- Without significant precipitation, spring water levels are expected to be dire
  - “Insurance” from reservoirs used this year
- **Approach → Plan for extreme drought, hope for snow and rain**

# Drought Risk: Predicted El Niño Effects



Snowfall during all stronger El Niño winters (January-March) compared to the 1991-2020 average.

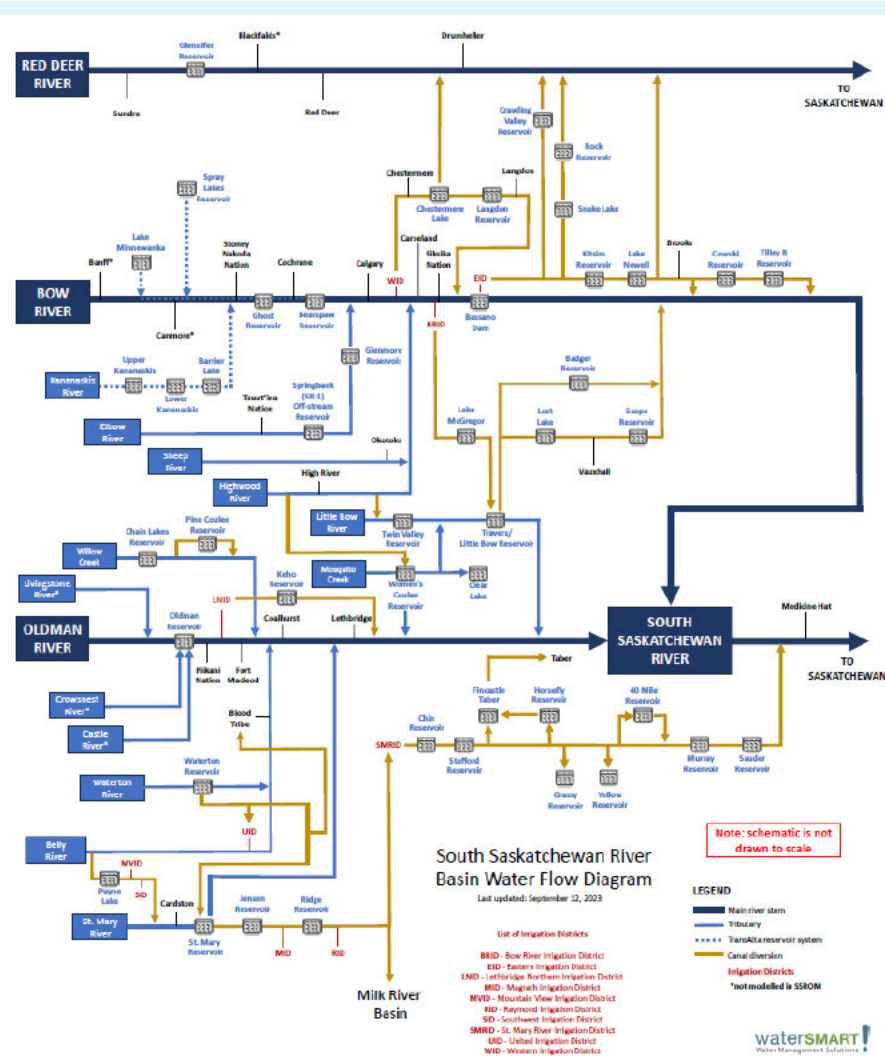
Blues indicate more snow than average; browns indicate less snow than average.

*Source: US National Oceanic and Atmospheric Administration*



# Drought Management is Complicated

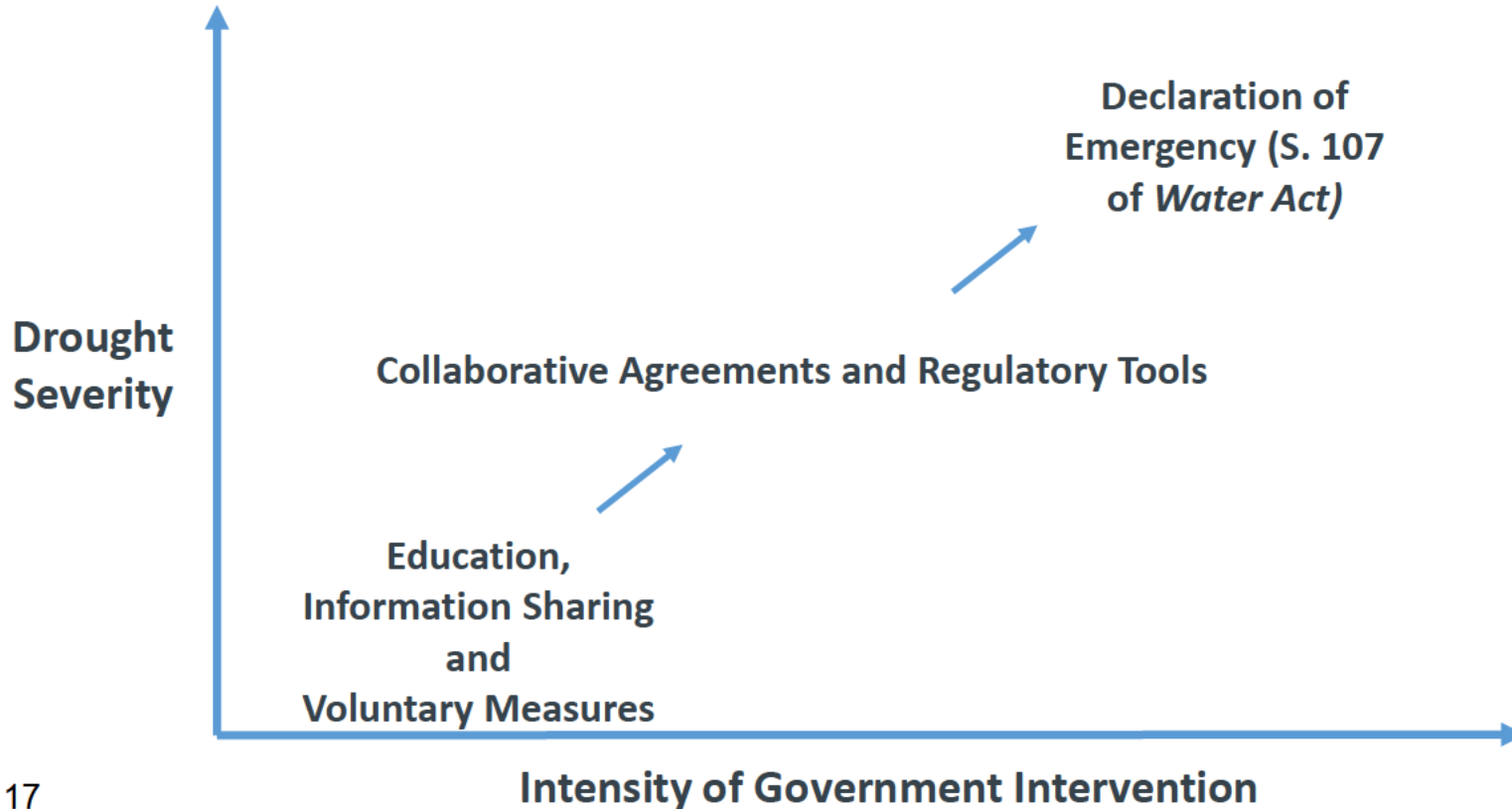
- Network of interconnected rivers, water reservoirs and canals, intakes and outflows.
- Currently uses a priority system set by licence seniority (First in Time, First in Right).
- FITFIR will not effectively prioritize water based on need in a wide scale drought.
- Provincial agreement to send 50% of natural flow in the SSR to Saskatchewan



# Impacts

- EPA is actively communicating with licence holders regarding the situation. Many are expressing concerns about the situation into Spring 2024.
- Some licence holders have been asked to stop taking water due to low river levels. EPA is working with these licence holders to find alternative water sources.
- The situation is having **economic and community impacts.**

# Drought Management Tools



# Drought – Key Elements and Timeline





# Drought Management



# GOA Drought Response Activities

## **Focused teams have been established to develop:**

- Operational preparedness and advanced planning for 2024
- Assessing Alberta's apportionment commitments
- Developing process to enable regulatory drought tools
- Prioritizing monitoring needs to enhance predictive modeling
- Determining the impact that low flows in rivers combined with effluent discharges have on water quality
- Reviewing the provinces Instream Objectives and Water Conservation Objectives

# How Can You Help?

- What are the opportunities to work through this together?
- What information, activities, plans do you have underway to manage drought?
- How can we leverage this information?

<https://www.alberta.ca/drought>

# Questions

Oldman Reservoir – Silt Plain  
with the river running through





*Wendy*  
*HSO*  
*James Thomas*  
*Sherry Johnson*  
*Steve Hart*

# Merry Christmas

*Kaylee Skiller*  
*Maxwell*  
*For Thoms*  
*Bonnie Brown*  
*Max*  
*Mladen Kristic*  
*Carlin*

**FROM THE STAFF OF THE  
OLDMAN RIVER  
REGIONAL SERVICES  
COMMISSION**

The ORRSC Office will be closed from  
Noon on December 22nd, 2023 through  
January 1st, 2024.

