

COUNTY OF PAINTEARTH NO. 18

COUNTY COUNCIL MEETING

TUESDAY, JUNE 04, 2024

9:00 A.M.

A G E N D A

1. CALL TO ORDER
2. ACCEPTANCE OF AGENDA
3. ADOPTION OF THE PREVIOUS MINUTES
 - A. Regular County Meeting May 22, 2024
4. PUBLIC HEARING
 - A. None.
5. DELEGATIONS
 - A. None.
6. BUSINESS
 - A. Recreation and Community Service Grants Policy AD 018 amendment
 - B. Brownfield Library Donation in Kind Request – Gravel and Trucking for parking lot
 - C. Recreation & Community Service Grant: U15C Provincial Softball
7. BYLAWS
 - A. 716-23 Rezoning: Land Use Bylaw 698-21 Amendment (2nd Reading)
 - B. 723-24 Schedule of Fees Bylaw (Repeal of Bylaw 720-24)
8. COUNCILLOR REPORTS
 - A. Verbal Reports.
9. ADMINISTRATION REPORTS

- A. Chief Administrative Officer Report
 - B. Assistant Chief Administrative Officer Report
 - C. Environmental Services Director Report
 - D. Community Services Director Report
 - E. Community Bylaw Officer Report
 - F. Strategic Initiatives Manager Report
10. FINANCIAL
- A. None.
11. CORRESPONDENCE
- A. Municipal Affairs re: LGFF Allocations for 2024
 - B. Municipal Affairs re: Bill 20 tabled pending review
 - C. Municipal Affairs re: Provincial Education Requisition Credit (PERC) status
12. CONFIDENTIAL ITEMS
- A. *Freedom of Information and Protection of Privacy Act, R.S.A. 2000, Chapter F-25: Part 1, Div. 2, Sec 21(1)(b)*
13. ADJOURNMENT

Upcoming Council Meeting Dates –June 18, July 3, July 16, August 6, August 20, September 4, September 17, October 1, 2024. Council Meeting dates are subject to individual change and commence at 9:00 a.m.

3a)

COUNTY OF PAINTEARTH NO. 18
REGULAR COUNCIL MEETING
MINUTES
WEDNESDAY, MAY 22, 2024

The Regular meeting of the Council of the County of Paintearth No. 18 held in Council Chambers in the municipal office on Wednesday, May 22, 2024, commencing at 9:00 a.m.

IN ATTENDANCE:

Reeve:	Stan Schulmeister
Councillors:	Dale Norton, Terry Vockeroth, Maurice Wiat, Sandy Shipton, George Glazier, Diane Elliott
Chief Administrative Officer:	Michael Simpson
Assistant Chief Administrative Officer:	Lana Roth
Public Works Director:	Bryce Cooke
Strategic Initiatives Manager:	Kaitlyn Kenney
Bylaw Officer	Colm Fitz-Gerald
Director of Environmental Services	Jeff Cosens
Community Services Director	Todd Pawsey
Administrative Assistant	Courtney Algot

CALL TO ORDER:

Reeve Schulmeister called the meeting to order at 9:05 a.m.

ADOPTION OF AGENDA:

05.22.24.642 Regular Council Meeting Agenda – May 22, 2024 - MOVED by Councillor Glazier for adoption of the Regular Council Meeting Agenda of May 22, 2024, as amended:

6C: RFD Damaged Windshield Repair Cost

Carried

ADOPTION OF PREVIOUS MINUTES:

05.22.24.643 Regular County Council Meeting Minutes – May 7, 2024 – MOVED by Deputy Reeve Wiat that the Regular County Council Meeting Minutes for May 7, 2024 be approved as presented.

Carried

BUSINESS:

05.22.24.644 RFD – Funding Application Recreation and Community Service Grants re: U13AA Coronation Royals Provincials – MOVED by Councillor Elliott that the support request for \$500 to the applicant be granted.

Carried

REGULAR COUNCIL MEETING
MAY 22, 2024

05.22.24.645 RFD – Funding Application Recreation and Community Service Grant – U22 AAA Castor Raiders – MOVED by Councillor Norton that the support request for \$500 to the applicant be declined.

Carried

05.22.24.646 Damaged Windshield Repair Cost – MOVED by Councillor Glazier that Administration reimburse the vehicle owner for the replacement of the damaged windshield at the cost of \$315

Carried

BYLAWS:

05.22.24.647 Bylaw 722-24 First Reading of Amending Bylaw 698-21 being the Land use Bylaw to rezone Schedule “A” for the purpose of rezoning the NE14 and the SW14-37-13-W4 from Agricultural District to Recreation District – MOVED by Councillor Shipton that Bylaw 722-24 be given first reading, the 22 day of May, 2024.

Carried

COUNCILLOR REPORTS:

05.22.24.648 Councillor Reports – MOVED by Deputy Reeve Wiert to adopt the verbal Councillor Reports as information.

Carried

ADMINISTRATION REPORTS:

05.22.24.649 Chief Administrative Officer Report – MOVED by Councillor Norton to approve the Chief Administrative Officer’s Report as presented.

Carried

05.22.24.650 Assistant Chief Administrative Officer Report – MOVED by Councillor Glazier to approve the Assistant Chief Administrative Officer’s Report as presented.

Carried

05.22.24.651 Rural Signage Request – MOVED by Councillor Vockeroth that the signage request for “Kids Playing” located at SE04-37-10-W4 be granted.

Carried

05.22.24.652 Environmental Services Director Report – MOVED by Councillor Shipton to approve the Environmental Services Director Report as presented.

Carried

FINANCIAL:

05.22.24.653 January 31, 2024 Monthly Bank Statement - MOVED by Councillor Norton that the January 31, 2024 Monthly Bank Statement be approved as presented.

REGULAR COUNCIL MEETING
MAY 22, 2024

Carried

05.22.24.654 February 29, 2024 Monthly Bank Statement - MOVED by Councillor Elliott that the February 29, 2024 Monthly Bank Statement be approved as presented.

Carried

05.22.24.655 March 31, 2024 Monthly Bank Statement - MOVED by Deputy Reeve Wiart that the March 31, 2024 Monthly Bank Statement be approved as presented.

Carried

05.22.24.656 Budget Report January 1 – April 30, 2024 - MOVED by Councillor Glazier that the Budget Report for the period of January 1 to April 30, 2024 be approved as presented.

Carried

Recess: The meeting recessed at 9:46 a.m.

Reconvene: The meeting reconvened at 10:01 a.m.

05.07.24.657 Closed Session – MOVED by Councillor Norton that the County move to closed session at 10:02 a.m. to discuss items under the *Freedom of Information and Protection of Privacy Act*, R.S.A. 2000, Chapter F-25: Part 1, Div. 2, Sec. 16(1)

Carried

05.07.24.658 Closed Session – MOVED by Councillor Norton that the County return to an open meeting at 10:30 a.m.

Carried

05.22.24.659 RFD – Funding Application Recreation and Community Service Grant – U22 AAA Castor Raiders - MOVED by Councillor Shipton that the County rescind motion 05.22.24.645 and that the request for the Recreation and Community Service Grant in the amount of \$500 be granted as per County Policy AD018 revised April 4, 2023.

In Favour: Shipton, Elliott, Vockeroth
Opposed: Norton, Glazier, Schulmeister, Wiart

Defeated

05.22.24.660 Our Lady of the Rosary Hospital Foundation Request for County Prints for Palliative Suite – MOVED by Deputy Reeve Wiart that the County donate prints to Our Lady of the Rosary Hospital Foundation for display in the newly renovated Palliative Care Suite.

Carried

Upcoming meetings - Upcoming Council Meetings will be scheduled for June 4, June 18, 2024 commencing at 9:00 a.m.

**REGULAR COUNCIL MEETING
MAY 22, 2024**

ADJOURNMENT:

Reeve Schulmeister adjourned the meeting at 10:45 a.m.

These minutes approved this ____ day of _____, 20____.

Reeve

Chief Administrative Officer

Title: Recreation & Community Service Grants	Policy: AD 018
Section: Administration	

ACCOUNTABILITY: To provide guidelines for the disbursement of recreation and community service grants.

POLICY STATEMENT: The County of Paintearth No. 18 authorizes the following annual disbursement of County funds for the purpose of supporting Farm and Community Markets organized and hosted by community groups, operating as valid, registered Societies under the Societies Act, that bring value to the Paintearth region, its local economies, and the well-being of Paintearth and area residents.

The total grant of \$119,500.00 is disbursed to the following organizations:

a) Brownfield Recreation Board	..... \$24,000.00
b) Halkirk & District Recreation Board	..... \$22,000.00
c) Talbot Community Association	..... \$10,000.00
d) Fleet Community Hall Association	..... \$10,000.00
e) Valley Ski Hill	..... \$15,000.00
f) Castor Community Hall	..... \$ 7,000.00
g) Coronation Community Hall	..... \$ 7,000.00
h) Castor & District Museum	..... \$ 4,000.00
i) Coronation Museum	..... \$ 4,000.00
j) Castor/Halkirk Community Van Society	..... \$ 6,000.00
k) Paintearth Lodge Foundation	..... \$ 4,500.00
l) Coronation & District Handibus Society	..... \$ 6,000.00

COMMUNITY MARKETS: The County of Paintearth wishes to support community markets by providing grant funding to non-profit market groups to be used to reduce hosting costs, including but not limited to expenses related to Alberta Health Code and Regulation Compliance, Event Advertising, Event Signage (temporary and permanent), Provincial Building and Fire Code requirements, etc. The following groups will be recognized annually in the following amounts based on market frequency and type.

The total grant of \$14,000 is disbursed to the following organizations:

m) Castor Ag Society Monthly Farmer's Markets (10 events annually)	..... \$10,000.00
n) Coronation Community Hall Association Christmas Market (1 event annually)	..... \$2,000.00
o) Brownfield Recreation Association Christmas Market (1 event annually)	..... \$2,000.00

The County of Paintearth supports youth (18 years or younger) that participate in recreation and culture. A yearly budget amount of \$5,000.00 will be retained for distribution. The County will provide \$50 per individual or up to a maximum of \$500.00 per team or club per application that are participating at a provincial, national or international level. An application form must be submitted for approval by County Council.

Additionally, the County may support provincial, national and international events that are being hosted in the Paintearth Region. The request for sponsorship will be submitted to County Council for their consideration.

Council Approved: June 4, 2024	Resolution #06.04.24. _____
Reference: Former Policy 480	Originated May 18, 1967
Administrative Responsibility: Chief Administrative Officer	Next Review Date: As required
Review Cycle: As required	



County of Painesville
No. 18

6b)

Request for Decision

Title: Donation of ¾ inch gravel and delivery to the Brownfield Library Society

Meeting: Regular Council

Meeting Date: June 4, 2024

Issue/Background:

The Friends of the Brownfield Library Society have been undergoing extensive renovations for the past year. They are adding a wheelchair accessible back entrance that patrons of the library can use and not have to go through the school also adding a parking lot at the west side entrance.

They have requested for 60 tonnes of ¾ inch gravel and trucking be donated to their parking lot project from the county.

Financial:

60 tonne @ \$22.88 per tonne plus trucking cost \$2100.00

Policy/Legislation:

Recommendations:

1. Donate 60 tonne of ¾ inch road gravel and the delivery costs to the Brownfield Library Society.
2. The County of Painesville chooses not to donate gravel to any individual group, business, or Town / Municipality.

Prepared By: Bryce Cooke, Director of Public Works

County of Paintearth
No. 18

FUNDING APPLICATION
Recreation & Community Service Grants

In accordance with County Policy, the County of Paintearth supports youth (18 years or younger) that participate in recreation and culture. A yearly budget amount of \$5,000.00 will be retained for distribution. The County will provide \$50 per individual or up to a maximum of \$500.00 per team or club per application that are participating at a provincial, national or international level.

The following must be completed and submitted to the County of Paintearth No. 18 Administration Office, Box 509, Castor, Alberta T0C 0X0.

Name of Event: UISC Provincial Softball → Play Downs & Provincials
(Please check appropriate event): Provincial , National or International .

Date(s) of Event: Playdowns - June 21-23 Provincials - July 12-14
(Please check): Individual or Team and number of participants on team: 11

Or

If a Club _____ number of participants in club: _____.

Name of Applicant: Leigha Neal Ph. Number: 403 575-7309

Mailing Address: Box 537 - Coronation Postal Code: T0C 1C0

Upon receipt of the completed application it will be presented at the next upcoming County Council Meeting for Council's review and decision.

(Office Use)

AMOUNT APPROVED: \$ _____

DENIED: _____

DATE REVIEWED BY COUNCIL: _____

RESOLUTION NUMBER: _____

Fax - 403-882-3560

7a)

BYLAW NUMBER 716-23
OF THE COUNTY OF PAINT EARTH NO. 18
IN THE PROVINCE OF ALBERTA

A BYLAW OF THE COUNTY OF PAINT EARTH NO. 18 FOR THE PURPOSE OF AMENDING BYLAW 698-21,
THE LAND USE BYLAW OF THE COUNTY OF PAINT EARTH NO. 18.

WHEREAS pursuant to Section 692 of the Municipal Government Act, R.S.A. 2000, Chapter M-26 a municipality may
amend its Land Use Bylaw.

NOW THEREFORE, the Council of the County of Paintearth No. 18, duly assembled, hereby enact as follows:

- 1. That the changes to the Land Use Bylaw for the County of Paintearth No. 18, being Bylaw 698-21 be
amended as set out in the attached Schedule "A" for the purpose of general updates within the County.

Received First Reading this 28 Day of November, 2023 on a motion of Councillor Glazier. Carried.

Received Second Reading this _____ Day of _____, 2024 on a motion of Councillor _____. Carried.

Read a Third Time and Finally Passed this _____ Day of _____, 2024 on a motion of Councillor
_____. Carried.

Signed by the Chief Elected Official and Chief Administrative Officer this _____ Day of _____, 2024.

Reeve

Chief Administrative Officer

SCHEDULE A – GENERAL UPDATES FOR THE LUB 698-21

2. Definitions

- (106) Solar Energy Conversion Systems - change 150 KW to 1 MW
- (a) Macro solar energy conversion systems may be referred to as Solar Farms, Solar Projects, Commercial Solar Power Plants or similar and are large utility sized generation plants (+ 1MW) as permitted by the AUC. This includes all necessary components such as Solar Collectors, mounting systems, inverters, transformers, and associated infrastructure for the purpose of capturing, converting, distributing, and storing solar energy.
 - (b) Solar Energy Array means a photovoltaic (PV) panel, array of panels or other solar energy collection device, the primary purpose of which is to produce electricity by converting solar radiation into electricity or to thermal energy to produce steam to drive a turbine for the collection, inversion, storage, and distribution of solar energy for electricity generation, space heating, space cooling, or water heating.
 - (i) Solar Arrays may include ground or building mounted systems. Micro-generation systems are dealt with separately than utility scale systems.
 - (c) Battery Energy Storage System (BESS) means a rechargeable energy storage system consisting of batteries, battery chargers, controls, power conditioning systems and associated electrical equipment in a contained facility designed to provide electrical power to a building or to provide electrical grid-related services. BESS facility may or may not be part of or on the same parcel as a solar energy conversion system. Battery energy storage systems designed and operated for a single residential household shall not be included in the definition, and BESS may apply to Wind Energy systems also.

- (110) Data Processing & Mining Center – Means a building, dedicated space within a building, or a group of buildings used to house computer systems and associated infrastructure and components for the digital transactions required for processing data in a secure climate controlled facility generally powered by an off-grid (or occasionally on-grid) power generation system. This includes, but is not limited to cryptocurrency, digital currency processing, and blockchain transactions. A single parcel industrial site usually operated in conjunction with an oil and gas site for energy generation requirements.

110 now becomes 111

6. (23) A micro solar system which meets all relevant district regulations and which is mounted to an existing building.

7. Application for a Development Permit

- (1) Only the owner of a lot or their agent may make an application for a development permit.
 - (a) An agent must provide an owner authorization form or have the owner's signature on the application form provided
 - i) Current copy of title (within 14 days of application) may be requested to be submitted with application
- (2) An application for a development permit (or other development action ie rezoning, appeals, etc) shall be made to the Development Officer using the approved form (completely and legibly completed) and shall be accompanied by, including but not limited to, the following:
 - (a) a site plan showing the legal description and the front, rear and side yards, if any, and any provisions for off-street loading and vehicle parking and access and egress points to the site.
 - (b) floor plans, elevations and sections of any proposed buildings.
 - (c) any other reasonable information that the Development Officer/Municipal Planning Commission deems is necessary to render a decision on the application such as:

- i) Geotechnical or engineering reports;
 - ii) Location of proximate buried services or AER approved facilities;
 - iii) other required provincial, federal, or trade association approvals specific to the particular development application;
 - (d) a development permit fee as established by Council which receipt – or lack of - does not impact the determination of the application's completeness.
 - i) Applications for a development permit will not be considered to be received by the Development Authority until the development permit fee is paid and received by the County.
 - (e) Where the Development Authority determines an industrial or commercial permit application requires a review from any outside authority of relevant, expert, or professional expertise to review or assess some or all of the development permit application, the cost of such review will be due from the applicant prior to the issuance of the development permit.
 - i) Where an applicant has submitted information prepared by an expert, or professional, including but not limited to an engineer, architect, surveyor, etc the Development Authority may, acting reasonably, determine whether the expert or professional is properly qualified, or the whether the information is sufficient for the intended purpose and may reject the information on either ground.
 - (f) The Development Officer in the capacity of the Development Authority may amend or develop all forms, notices, acknowledgments, or other documents as required by this LUB.
- (3) The Development Officer / Municipal Planning Commission may request as part of an application for a development permit for an intensive livestock operation that the applicant provide the following:
- (a) Details on the type of sewage system proposed for the development, including geotechnical information for sites where lagoon construction is proposed.
 - (b) Calculations on the quantity of surface runoff from the development, site drainage flow patterns and site runoff storage retention.
 - (c) Tests on subsurface soil structures to determine if the site is suitable for the proposed development.
 - (d) Information as to the location of land for manure disposal and soil tests to determine its suitability for manure disposal.
 - (e) Tests on the availability of ground water to determine if quantities are sufficient to meet the needs of the development.
- (4) The Development Authority may require the applicant for a development permit to advertise and conduct a public meeting for the purpose of exchanging information regarding the proposed development with the community. Further, the Development Authority may specify the date, time, and/or location of such a public meeting. The costs of advertising and conducting such a public meeting shall be born by the applicant for the development permit.
- (5) If a public meeting as specified in subsection (4) is required, the application for the development permit shall not be deemed complete until the conclusion of the public meeting.
- (6) Upon submitting an application for a development permit, the Development Authority will determine if the application is complete, in accordance with the Act and this Bylaw, and within 20 days of receipt must:
- (a) acknowledge the completeness of the application ~~by processing the fee payment and issuing receipt for such~~ either in person or by mail or email; or
 - (b) issue notice of the incompleteness of the application and one time request for missing or incomplete information required, along with any required circulation

- responses that the application may be "subject to" by either mail or email to the applicant's addresses given on the application;
- i) if the applicant provides the outstanding documents and information by the deadline and the Development Authority determines the application is complete, the Development Authority will provide an acknowledgement of such.
 - ii) Despite issuing an acknowledgement that the application is complete, the Development Authority may, in the course of reviewing the application, require additional information from the applicant that the Development Authority considers necessary to review the application.
- (c) If an applicant fails to provide the information requested in (b) above within the specified time frame as provided in the notice communicated, the application will be refused, and returned to the applicant by mail stating such.
- (d) The Development Officer as the Development Authority will make the determination of whether an application is complete or incomplete in accordance with the Act.

8. Deciding on Development Permit Applications

- (1) The Development Officer shall:
- (a) receive, consider and decide on an application for a development permit for those uses listed as a permitted use for the relevant land use district and comply with the minimum standards for that district, or as allowed by Bylaw 650-17 a maximum 10% variance of such standards;
 - (b) refer, with his/her recommendations to the Municipal Planning Commission, any application for a development permit for those uses listed as a permitted use for the relevant land use district and which do not comply with the minimum standards for that district;
 - (c) refer, at his/her discretion, a permit application for any development for comments to those authorities (provincial, regional and municipal) whose interest or jurisdiction may be affected, for comments on the proposed development;
 - (d) refer with his/her recommendations, to the Municipal Planning Commission for its consideration and decision, applications for a development permit for those uses which constitute discretionary uses and which have been assigned to it for consideration and decision;
 - (e) refer to the Municipal Planning Commission at his discretion any application which in his opinion should be decided by the Commission.
- (2) The Municipal Planning Commission shall:
- (a) decide on applications for a development permit for those uses listed as discretionary uses for the relevant district;
 - (b) decide on any application referred to it by the Development Officer;
 - (c) approve the application unconditionally or impose conditions considered appropriate, permanently or for a limited period of time or refuse the application.
- (3) The Development Authority may approve an application for a development permit even though the proposed development does not comply with the regulations of this Bylaw, or if the development is to be a rebuilding, an enlargement, an addition, or a structural alteration of a non-conforming building, if, in the opinion of the Development Authority:
- (a) The proposed development would not:
 - (i) Unduly interfere with the amenities of the neighborhood, or
 - (ii) Materially interfere with or affect the use, enjoyment or value of neighboring lots, and
 - (b) The proposed development conforms to the use prescribed for that land or building in this Bylaw.

- (4) Where the proposed use is not listed in a land use district, the Municipal Planning Commission may consider it to be so listed if, in its opinion, it is sufficiently similar in character and purpose to a listed use.
- (5) The Development Authority may impose as a part of the approval of a development permit, such conditions as are deemed appropriate, including, but not limited to the following:
 - (a) that the applicant to enter into an agreement to construct or pay for:
 - i) public roadways or parking facilities
 - ii) the installation of utilities or to pay an off-site levy or redevelopment levy imposed by Bylaw.
 - iii) Other services or developments as outlined in the Act S. 650 and 655.
 - (b) that the applicant enter into and, abide by, and comply with an agreement or supplied plan for:
 - i) road use, accesses/approaches and damage repair to such
 - ii) weed or vegetation management
 - iii) reclamation or damages security and/or bonding
- (6) If a development permit application is refused, the Development Officer need not accept another application for the same or similar use on the same parcel for six months after the date of refusal.
- (7) If a decision is not made on a development permit applications within 40 days after its receipt by the Development Officer, the applicant may deem it to be refused at the end of the 40 day period.
- (8) The Development Officer or Municipal Planning Commission may issue a temporary Development Permit, for a period not exceeding one year.

19. A – Agricultural District

- (2) Discretionary Uses
 - Data Processing and Mining Centers

26. NRE – Natural Resource Extraction District

- (2) Discretionary Uses
 - power generation plants – including Wind and Solar Energy Conversion Systems
 - resource processing plants or facilities
 - data processing or mining centers or facilities

49. WECS and SECS regulations

- (1) WECS and SECS Regulations
- (2) insert “and SECS” to first line
 - (a) insert “solar panel arrays” and infrastructure
 - (i) insert Emergency Response Plan (ERP) must include the following:
 - i) fire mitigation and management plan
 - ii) an emergency service provision including an emergency on-site access route
 - iii) a communications plan for the County and adjacent landowners
 - iv) the current wording of i) inserted here
 - (l) insert Construction Plans – must identify the following:
 - i) proposed days and hours of construction, monthly schedule
 - ii) noise, dust and other potential nuisance mitigation plans

- iii) construction waste disposal plans for all construction and related material to disposal sites
- (m) insert Weed and Pest management plans – must address management during construction, operation, and decommissioning and reclamation including limiting migration from the proposed sites to adjacent lands.

re-letter existing l, m, n as n, o, p items.

(3) Delete this section "Application Form" as redundant that S. 2 has now requested

(4) (4) (a) & (b) Remove size of square footage and insert "under 1 MW"

(5) Solar Energy Conversion Systems - Macrogeneration - LUB requirements

a) Solar power plants shall be considered a discretionary use in the Agricultural and Natural Resource Extraction Land Use Districts only.

b) An application for a development permit ~~to support a solar farm's application to the AUG for a commercial solar power plant~~ will follow the same process and regulations (where applicable) as a WECS as outlined in sections 49. 1, 2, and 3 ~~above~~.

c) Lands suitable and preferred for use:

i) lands with soil classification of AB Soil Classes 3 to 4 or lower. No solar installations shall be permitted to occupy lands with soil classifications of 2 or higher as classified by the Alberta Land Suitability Rating System (LSRS), unless they meet provincial government regulations to demonstrate coexistence with crops and/or livestock

ii) lands not currently being cropped or in production of hay. Grazing lands would be preferred lands for minimal soil disturbance or erosion issues

d) Emergency Response Planning & Access

i) A site-specific ERP is to be submitted which identifies preliminary emergency response measures during construction and operation. Such an ERP shall outline site monitoring and communication protocols for notifying surrounding residents. Local responders and authorities are to be provided a copy of the ERP

ii) Layout considerations - internal access roads shall be shown on a layout of the solar arrays and shall include space for:

1) perimeter access of the arrays for adequate fire fighting apparatus; and

2) internal access roads spaced at intervals within the arrays for adequate fire fighting apparatus;

3) separation distance of at least 50 m from a property line for any substation or inverter collection points.

e) Reclamation – all soil conservation and post-facility operation reclamation plans shall:

i) meet the AEP Conservation and Reclamation Directive for Renewable Energy Operations, or as alternatively required by the Provincial Government, for:

1) provisions how the development will be decommissioned including the recycling or disposal of all arrays, panels, and other infrastructure,

2) provisions for restoring the lands to the original LSRS classification or better ensuring all grading and drainage is maintained.

ii) provide an overview of how sufficient funds are secured and available at the project end of life to cover the cost of decommissioning and reclamation

iii) the Development Authority may require the establishment of a security trust to be held for decommissioning purposes at a value determined by its discretion.

f) Glare and reflectivity – all macro solar installations shall use an anti-reflective coating on the project solar panels.

g) All macro solar plants shall meet the following Setbacks and Separation Distances. The setbacks and separation distances will aid in the access of property by emergency vehicles and keep hazards at a distance from County residences, ditches and roads. All developments must meet the minimum standards:

i) from any provincial highway – as per Alberta Transportation

ii) from any County road – 75 m from the centerline of the road

iii) from any property line – 50 m from the edge of the boundary

iv) from any dwelling – the greater of 200 m or as meets AUC rule 12 permitted sound levels

Whereas in the opinion of the Development Authority, the setbacks are not sufficient to reduce the impact of a solar plant from any road, boundary or dwelling, the Dev Authority may increase the requirement.

h) Screening or Visual Landscaping – at its discretion the Development Authority may require all or any portion of the project to be screened from view or to prevent interference with sightlines of intersections, roadways, or residences by use of vegetation or privacy fencing.

i) Site security – all lands hosting macro solar farm installations shall be perimeter fenced with a minimum of 4' high barbed wire fence (4 wire).

j) all equipment or electric circuit collection points and substation facilities are to be enclosed with a chain link security fence of at least 6'.

k) Collaborative agricultural use – where possible all macro solar installations are encouraged to allow grazing or animal access use.

l) Vegetation management plans are to be submitted as part of the application detailing procedures for weed control, and fire hazard mitigation of dead vegetation.

(6) Battery Storage for both Wind and Solar Energy Conversion Systems Macro Generation

All BESS – battery energy storage systems – for any renewable energy power plant shall be considered as accessory buildings to the power plant as allowed in the Districts permitted, and must meet the following requirements at a minimum to ensure safety of the surroundings and emergency response access:

a) Location selected shall be developed in such a manner that the grounds on and around the BESS facilities shall be of a fire retardant, non-combustible material such as rock, concrete or other similar material for at least 30m and no flammable structures are contained within that surface;

b) Any BESS shall be set back from any residence a minimum of 300 m;

c) All BESS facilities shall have a means of direct access to/from a County road and shall be constructed in such a manner as to allow heavy truck traffic to convey across unimpeded;

d) All BESS facilities shall be perimeter fenced with at least a 6' high security chain link fence with barbed wire overhang;

- e) All BESS facilities shall be signed on the perimeter fence gate or side nearest the access road with a sign indicating:
- i) the danger of stored energy/electricity
 - ii) access is restricted
 - iii) Emergency response number of company
 - iv) any other pertinent information specific to stored energy or the batteries' chemical composition which would aid first responders

(7) Waste Management Plans

All applications for WECS or SECS shall include a detailed plan of how industrial waste management practices will be part of the construction operations, for both the power generator and temporary laydown yard sites. Plans to address the following must be included with the application:

- a) All transport bracings, dunnage, crating or wrapping/packing material to be identified for removal (or recycling where possible)
- b) Temporary office site produced materials of paper products, office general garbage, or any compostable or biodegradable products
- c) All wastes are required to be removed offsite and disposed of at the sanitary landfill located north west of the Town of Coronation.
- d) Applicants/Developers/Operators will all be responsible for the cleanup of any litter escaping the lands being used or developed within an approved Development Permit

55. Landfill Sites, and Landfill Cell Developments within Landfill Sites, Waste Handling & Recycling Centers:

- (1) Each new site, cell, or handling & recycling center will be defined as a new development and require a new development permit application.
 - a) Only allowed in Ag District as discretionary uses
 - b) Shall not be allowed within any referenced circulation proximity to an urban municipality as per any Intermunicipal Development Plan (IDP) requirements.
- (2) The following setbacks will be defined and observed:
 - a) 150' setbacks from county ROW centerlines to peak of cell berm or site structures
 - b) Water retention or collection areas – shall be treated as dugouts and follow the regulations pertaining to, with no variances granted
 - c) side yard setback as per Ag District – 50' from property line
 - d) buffer area within setback may require to be treed along length of property or landscape plan submitted as the use of trees and shelter belts on perimeter of property enhances buffer area and may be encouraged and or directed
- (3) Fencing requirements are desired in order to facilitate the efficient retention of litter from escaping the property and shall be:
 - a) litter catchment fences minimum 10' high on both sides of tipping/unloading areas
 - b) 30' high litter screens will be required on all sides of active cell or outdoor unloading location.
 - i) Upon cell or facility completion and closure, screens may be removed

- c) other fencing or litter catchment methods as the Development Authority may deem necessary
- d) In the event that high winds exceed or reduce the effectiveness and ability of the tipping, cell perimeter, or other fencing to retain litter from escaping, the tipping and unloading operations shall either cease or be relocated to ground level so that litter is prevented from leaving the facility.

(4) Operations and Construction:

- a) Operations are expected to observe the following requirements to minimize negative impacts on surrounding neighbour properties:
 - i) Hours of tipping or unloading operations to commence no earlier than 5 am and conclude by 11 pm or reasonably thereafter to complete the day's received loads;
 - ii) Hours of dozing operations to cease upon completion of covering daily tippage as soon as possible thereafter;
 - iii) low decibel back-up alarms shall be used on equipment
 - iv) lighting to be directed into site and not neighbouring lands
 - v) odour suppression systems be deployed on a regular basis
 - vi) access road to county roads must have rumble strips or other cleaning methods for cleaning off mud and tracking material, otherwise staging area must be included for cleaning vehicles
 - vii) pest controls must be engaged to attempt to reduce or limit the flies, gulls or other pests
- b) Construction of landfill cells are expected to observe the following requirements to minimize the negative impacts on surrounding neighbour properties:
 - i) Hours of construction allowed between 5 am and 11 pm
 - ii) 24 hr construction must first be approved by the County following a written request by the operator stating reasons for such;
 - iii) Low decibel back up alarms shall be on all equipment
 - iv) Lighting to be directed into site and not neighbouring lands
- c) Facility Operators may be required to enter into and abide by the terms of a Road Use Agreement to the satisfaction of the County.
 - i) The use of County roads for staging of vehicles is strictly prohibited

(5) Litter picking:

- a) Property boundaries and neighbouring properties must be kept clear and agreements to enter for cleaning maintained. Should access be not granted then that property should be noted and the County informed for future cell applications.
- b) Regular picking crews shall be cleaning the surrounding county roads and ditches;
- c) Litter fences and screens shall be kept clean on regular basis

(6) Public notification process:

- a) Prior to development permit applications being submitted, all new cell developments must first undergo a public notification process that shall include but not be limited to the following:
 - i) Notice of cell or facility construction and operation plans and timelines mailed to all directly adjacent landowners within 1 mile (2 quarter sections) of the property;
 - ii) Publicly advertised for a minimum of 2 consecutive weeks in local paper;
 - iii) An open house shall be held and results forwarded to County with development permit application.
- b) Upon approval of development permits the following notifications shall be made by the County but not limited to:
 - i) notice as per MGA requirements for public notification in local papers

- ii) Posting on website and within latest issue of County bulletin or newsletter
 - iii) a mailed notice to all landowners within 1 mile (2 quarter sections) of the property
- (7) Alberta Environment Regulations - all provincial approvals, ~~and~~ licenses, certifications and notifications are to be in place at time of development permit application.

(8) Solid Waste Recycling and Handling Centers:

- a) shall be required to provide the following information in addition to any information as requested by the Development Authority:
- i) Hazardous materials plan detailing how hazardous materials may be handled, contained, and disposed of should they unintentionally arrive or be received on site;
 - ii) Fire and emergency plan and procedures in the event of a fire, environmental, biological, or other emergency situation requiring response or evacuation;
 - iii) Expected volumes received and to be removed from the premises on a daily and weekly basis
- b) shall be required to abide by the following requirements in addition to any other conditions as directed by the Development Authority:
- i) All unloading and processing of waste for recycling shall be contained within an indoor or sheltered from elements unloading and processing center;
 - ii) Temporary storage of all recycled/unrecyclable materials is not to exceed 14 days;
 - iii) All unrecyclable materials are to be disposed of by transport to a sanitary landfill;
 - iv) All temporary site storage of recyclable materials are to be indoor, or sheltered in secure containers or storage areas not subject to exposure to elements;
 - v) No organic or hazardous (ie asbestos) materials are to be accepted on site;
 - vi) Applicants may be required to enter into and abide by the terms of a Development Agreement which includes the following terms but not limited to:
 - remediation plan and possible security bond requirements
 - continual neighbourhood community litter clean up commitments of unsightly premises notifications
 - groundwater assessment for both pre-development and post-development
 - other conditions as determined by the Development Authority

57. Data Processing Centres

- (1) Data Processing & Mining Centers shall be a discretionary use in the Agricultural and Natural Resource Extraction Districts only.
- (2) The period for a development permit for the operation of a Data Processing Centre shall be at the discretion of the Development Authority based on the scope of the project to a maximum of 5 years.
- (3) The quality of the exterior treatment and design of all buildings shall be to the satisfaction of the Development Authority and shall be compatible with other buildings in the vicinity.
- (4) The Development Authority may require site landscaping or screening conditions in addition to the regulations described in Section 43 Site Development of this Bylaw.

(5) A noise impact assessment may be required by the Development Authority. If deemed necessary, a noise mitigation plan that may include a noise monitoring system may also be required.

(6) A Data Processing Centre that includes a power plant shall provide written notice from the AUC that the power plant meets all the AUC requirements. If the AUC deems the application outside of their regulatory authority, then Section 57. 7-8 will apply to the proposed development.

(7) The Data Processing Centre and associated power plant shall have a minimum setback of 500m from a wall of an existing dwelling unit.

i) Notwithstanding the above, the setback distance may be reduced with no variance required if a noise impact assessment and noise mitigation plan is deemed sufficient to the satisfaction of the Development Authority.

(8) Any development shall be designed to mitigate all off-site nuisance factors including but not limited to: excessive noise, odour, traffic, dust, and other impacts to the satisfaction of the Development Authority. A mitigation plan shall be provided at the time of development permit application to demonstrate that these nuisance factors have been mitigated.

(9) Data Processing Centres are not allowed within an Intermunicipal Development Plan Fringe or Referral Area.



County of Paintearth No. 18

7b)

Request for Decision

Title: Development Fees and Charges – Bylaw 723-24

Meeting: Regular Council

Meeting Date: June 4, 2024

Issue/Background:

It has been noted within the review of the LUB for solar farms, that our fee structure for development permit applications was designed for wind energy turbines, as comparable to single parcel industrial sites. As the solar farms are a similar use to and thus require the same amount of administrative review as a wind farm project, they are not the same when it comes to the amount of land or density of developments. Thus a \$400 industrial permit fee is grossly undervalued for a multi-quarter multi-MW solar project. The intent of the new fee for a solar project would be to have it equate with wind energy in terms of MW production. As we can't regulate or charge by MW, we are restricted to issuing permits based on land usage ie: quarter sections.

Financial:

There should be a recovery of costs associated with the processing of development applications and industry requests. As a wind project is permitted by turbine location, each permit is respectively for 5+MW. As each MW of solar requires approximately 6 acres to achieve, that would approximate a max of 26 MW per quarter. However with setbacks, environmental restrictions quite commonly they are fortunate for about 20 MW per quarter - or the approx. value of 5 turbines @ \$400 fee per turbine. A comparable dev permit application fee for solar to be equitable to a similar sized (in MW) wind project should be set at \$1500/quarter section.

Policy/Legislation:

MGA requirements under Part 17 require the costs for advertisements in many development applications. The County policy and bylaw requirements for fees and charges to be set also require a review of charges to the public for the respective services. As this request is to amend bylaw 720-24, the MGA S 191 requires 3 readings of this amending bylaw 723-24 to become the new Fees and Charges Bylaw and repeal the existing 720-24 bylaw passed in January.

Recommendations:

1. Insert the proposed new fee: ***\$1500/quarter section of Solar Farms - Macro*** into Bylaw 723-24 S. 2 z. and amend/pass the new Fees and Charges Bylaw, repealing the former.

Or, alternatively:

2. Direct administration accordingly if different than above.

Prepared By: Todd Pawsey, Director of Community Services

BYLAW NUMBER 723-24
OF THE COUNTY OF PAINTEARTH NO. 18
IN THE PROVINCE OF ALBERTA

A BYLAW OF THE COUNTY OF PAINTEARTH NO. 18 TO AUTHORIZE AND SET FEES FOR SERVICES PROVIDED BY THE MUNICIPALITY.

WHEREAS *the Municipal Government Act*, Chapter M-26 RSA 2000 and amendments thereto, authorizes the Council of the County of Paintearth No. 18 to provide various services and establish fees for the provision of services provided; and,

WHEREAS the Council of the County of Paintearth No. 18 deems it necessary to charge fees for the provision of services.

NOW THEREFORE, the Council of the County of Paintearth No. 18, in the Province of Alberta, duly assembled, enacts and adopts as follows:

1. BYLAW TITLE

1.1 This Bylaw may be cited as the "Schedule of Fees Bylaw".

2. FEES FOR MUNICIPAL SERVICES

2.1 This Bylaw authorizes the following fees, rates and charges applicable to the municipal services provided by the County of Paintearth No. 18 (excluding GST, where applicable):

ADMINISTRATION & FINANCE

- | | |
|-----------------------|---|
| a. Aerial Land Photos | \$1.50 per sheet + GST |
| b. Assessment Appeal | Residential 3 or fewer dwellings and farm land - \$50.00
Residential 4 or more dwellings - \$650.00
Non-residential - \$650.00
Business Tax - \$50.00
Tax Notices (other than Business Tax) - \$30.00 |

The fee is refundable if the Assessment Review Board decides in favour of the complainant, pursuant to 481(2) of the *Municipal Government Act*. The Assessment Review Board may, at its discretion, refund fees to other complainants.

- | | |
|-----------------------|------------------------|
| c. Bylaws (Copies) | \$1.50 per sheet + GST |
| d. County Map Booklet | \$25.00 (GST Incl.) |
| e. County Maps | \$15.00 (GST Incl.) |
| f. County Pins | \$1.00 + GST |

Bylaw No. 723-24 Schedule of Fees
Page 2

- g. Fax Machine - Staff No Charge
 - Public - To Send Long distance - \$3.50 per page +GST
 - To Receive
 - Local - \$1.00 per page +GST
 - \$3.50 per page + GST
 - (Not to exceed max. \$10.00 +GST)

- h. Fire Services/Emergency Services - actual cost for contracted services

- i. Land Assessment Records
 - Owner/purchaser \$0.50 per parcel +GST
 - Others \$1.50 per parcel + GST

 - Tax and Assessment Information
 - Staff Time \$50.00/hr
 - Detailed Assessment Sheets \$15.00/roll
 - (ie: For ADC, Farm Credit, Banks, Mortgage companies)
 - Computer Generated Forms \$0.50/page

- j. Minutes (copies) \$1.50 per page + GST

- k. Photocopies/Digital Copies
 - Staff No Charge
 - Public \$0.50 per copy +GST
 - Memory Stick required for Digital Information \$10.00 per stick +GST

- l. Postage Meter
 - Staff Cost of postage +GST

- m. Tax Certificate Fees \$30.00 per parcel

- n. Tax Penalties (*Bylaw 702-21*)
 - 5% added on July 1
 - 10% added on October 1

- o. Tax Recovery (*Bylaw 702-21*)
 - all costs associated with tax recovery
 - proceedings will be added to tax roll for all unpaid taxes

- p. Tax Sales (Reserved Value) close as possible to market value

- q. Returned Cheque Fees \$25.00 admin fee

- r. Customized Mapping Request
 - (as determined by GIS Technician) \$65.00/hr
 - with a minimum charge of 1 hour

AGRICULTURAL SERVICE BOARD

- s. Rental Equipment Available
 - Back pack sprayer \$50.00 refundable deposit
 - Hand broadcast seeder \$50.00 refundable deposit
 - Cattle Scale \$40.00/half day or \$75.00/full day
 - Hay probes No Charge
 - Gallagher tag reader \$50.00 refundable deposit
 - Grain Bag Roller No Charge

Bylaw No. 723-24 Schedule of Fees
Page 3

- | | |
|------------------------------------|---|
| t. Pest Control Products Available | |
| - Magpie traps | \$50.00 refundable deposit |
| - Skunk traps | \$50.00 refundable deposit |
| - Coyote control materials | No Charge |
| - Scare Cannon | No Charge |
| - Beaver dam removal | \$100.00 1 st dam/\$50.00 ea. Additional |

NOTE: RENTAL EQUIPMENT AND PEST CONTROL PRODUCTS SHALL NOT LEAVE COUNTY POSSESSION WITHOUT A SIGNATURE AND MONIES IF REQUIRED.

- | | |
|-------------------------------|---|
| u. Vegetation Management | |
| - Private land spraying | - \$80.00/hr plus the cost of the chemical per L applied at cost + GST, where applicable, will be charged. |
| - Industry spraying | - \$135.00/hr plus the cost of the chemical per L applied at cost + GST, where applicable, will be charged. |
| - Weed picking | - \$40.00/hr per individual plus GST. |
| v. Tree Planting | Assist in tree planting with staff and a tree planter for numbers of 200 or more trees |
| w. Pesticide Container Sites | |
| - Castor Waste Transfer Site | SW 3-38-14 W4 |
| - Coronation Waste Management | SW 36-36-11 W4 |

PLANNING & DEVELOPMENT

- | | |
|---|---|
| x. Approach Requests | \$300.00 New/Existing |
| y. Compliance Certificate | \$100.00 Non-inspected
\$300.00 Inspected |
| z. Development Permit Application Fee | \$100.00 Permitted Use
\$200.00 Discretionary Use
\$400.00 Discretionary Use – Commercial/Industrial
\$1500 / Quarter Section - Solar Farm Discretionary Use – Industrial
\$100.00/\$200.00 Minor/Major Home Occupation |
| aa. Development and Land Use Bylaw Fee Penalties
(Work started without a Permit) | As per current Land Use Bylaw |
| aa. Land Use Bylaw | \$25.00 +GST |
| bb. Municipal Development Plan | \$25.00 +GST |
| cc. Pipeline Crossings | \$300.00 |
| dd. Proximity Requests | N/C – done with approach request |
| ee. Rezoning Application Fee | \$300.00 per application |

Bylaw No. 723-24 Schedule of Fees
Page 5

4. REPEAL

4.1 This Bylaw repeals Bylaw 720-24.

5. ENACTMENT

5.1 This Bylaw shall come into force and effect when it has received third reading and has been duly signed.

Received First Reading this _____ Day of _____, 2024 on a motion of Councillor _____. Carried

Received Second Reading this _____ Day of _____, 2024 on a motion of Councillor _____.
Carried

Councillor _____ moved to proceed to Third Reading. Carried Unanimously

Read a Third Time and Finally Passed this _____ Day of _____, 2024 on a motion of Councillor
_____. Carried

Signed by the Chief Elected Official and Chief Administrative Officer this _____ Day of _____, 2024.

Stanley Schulmeister, Reeve

Michael Simpson, Chief Administrative Officer



County of Paintearth No. 18

9a)

CAO Report

Meeting: Regular Council Meeting

Meeting Date: June 4, 2024

1. May 23 – Present

- a. Review of MPE Pre-Tender drawings for Crowfoot Lift Station and Truckfill with Environmental Services Director
- b. PRWM June 11 Board meeting package prep
- c. Volunteer work in preparing BREOC popup market booth at Coop site
- d. County Safety meeting – Building fire simulation and procedure troubleshooting – thanks to Linda and staff for setting this up!
- e. Land and Property Rights Tribunal Workshop – under new powers granted to the LPRT, boards hearing CARB appeals now may be able to conduct their own assessments on CARB properties. This creates a very complex factor when CARB Boards adjudicate appeals, however will not impact the LARB Board matters (Local Assessed properties) heard within Paintearth. 1 board member registered for Paintearth was also in attendance.
- f. Meeting with local Internet Service Provider to discuss upkeep considerations for County-owned broadband towers and impacts to capital plans with respect to Rural Connect Ltd (MCC) and broadband coverage via wireless infrastructure.
- g. Walk Through of Crowfoot Forcemain construction to finalize work completion for final remittance to contractor in conjunction with MPE and Environmental Services Director.
- h. Ongoing professional development re: Public and Constitutional Law.
- i. Internal HR work with respect to employment matters, statutory and common law obligation reviews and integration with new employment standards practices.
- j. Facilitate land purchase re: PW Shop near Coronation/Brownfield
- k. Consult with Environmental Services Director on Weed and Clubroot Management policy draft for Board review.
- l. Discussions with Community Services Director re: Development Permit fee structure for solar macro installations.
- m. Discussions with Asst CAO and ECAA Mgr. re: corporate matters.
- n. General administrative support to Directors and staff
- o. Municipal Affairs MAP Review request. Municipal Affairs conducted a Municipal Accountability Program review of Paintearth in 2018, and has been identified in their rotating schedule for a MAP review for the 2024/25 program year. Municipal Affairs will be in contact with Administration with further details in the near future.

Prepared By: Michael Simpson, Chief Administrative Officer



County of Paintearth
No. 18

9b)

Assistant CAO Report

Meeting: Regular Council

Meeting Date: June 4, 2024

1. Collecting BREOC/PEPs popup booth contracts and payments
2. Working with Moneris on getting the payment terminal up and running for Burma. Waiting to receive a third device and will hopefully be up and running next week
3. Work has taken place on drafting a new 5 year lease agreement (2024-2029) contract for the Gravel land rental agreement that expires this August.
4. Discussions with Wilson Cruickshank, Peter Stone (Ascend) and CAO on ECAA not for profit status and possible future solutions for the organizations not-for profit status
5. Assisting ECAA with preparing the 4th quarter quarterly report for AHS – they require some changes to their report for the funds received for the new power cots
6. Beginning to research various agri-plex complexes (costs, size, features) to present to council for information in later June

Prepared By: Lana Roth, Assistant Chief Administrative Officer



Director's Report

Department: Environmental Services

Meeting: Regular Council Meeting

Meeting Date: June 4, 2024

ASB

- Spraying is going well. Everything west of Sec Hwy 855 is complete in Division 3 and in Division 2 things are progressing.
- I had Trevor determine the spray volume before spraying began and after I completed the rail line, I figured out that the screen was plugged with a film from the water at the tankloaders (very fine screen). The water in the tank we use to fill up from shouldn't be left for more than a week. I had him recalibrate and determined that we should have been putting 2-3 times more chemical on. I will go back and check the rail line in about two weeks.
- When the weather is not conducive to spraying like this past week the crew is picking rock for the mowers.
- The ASB received the new Degelman mower this last week and was informed that the mowers are being built in Lacombe now.
- Working on a policy for industry regarding Weeds and Clubroot and will be ready for the Board to review at the next meeting in July. Basically, I have taken what Capital Power is doing and tweaked it as to what we expect from any work being conducted in the County.
- Went out and reviewed the reclamation work that has been done at the Paintearth Windfarm. Todd can explain.
- Have 7 rows left out of 20 in the community garden. Have advertised on the website and on Facebook as well.

Utilities

- Doing a walk through with MPE and United Utilities on the Crowfoot Forcemain on May 31st.
- The tender documents have been received for the Crowfoot Reservoir Upgrades and all looked good. This will be the work required on doing the upgrades to the truckfill and finish off the lift station (pumps, extend the mezzanine in the reservoir to accept the additional electrical work, new generator, etc.).
- The next tender document will be the waterline within the Crowfoot Industrial Park that will service all the lots and finally the upgrades to the Castor Main Lift Station.

Prepared By: Jeff Cosens, Environmental Services Director



Director's Report

Department: Community Services

Meeting: Regular Council Meeting

Meeting Date: June 4, 2024

1. Planning and Development

- i) Please see the attached reports for Dev Permits and Subdivision apps thus far.
- ii) Potentia – Paintearth Wind ground works and road access deficiencies report compiled with Potentia and Borea reps – thanks to Jeff and Rod for pics and notes and we've provided them with a detailed list of works needed to bring the project back to original conditions – which is needed to release their security and put a close to the project.
- iii) Continued work with CETO on various items pertaining to construction approaches for their towers – 20 of – and completion of RUA. In looking at their schedule going to June 2026 their major works may be after H2 is complete, thus easing some traffic concerns. Please see their attached info circular and email.
- iv) Castor West Solar AUC Notice – please see the attached notice that the Castor West Solar project has now been submitted to the AUC for processing.
- v) LUB update – continued work on fine tuning the update for 2nd reading as our legal feedback and some additional items (data mining) have come to our attention. Open house is scheduled for the 18th.
- vi) Worked on survey for solar dev permit fees as per RFD – bylaw update – review of other counties and solar projects and what is charged for dev permit app fees.
- vii) Have a meeting tomorrow here with the players in the NW corner “Power Park” over long term plans for mine, ASHCOR, solar and hydrogen projects where we have all the people in the same room discussing the future of that area.

2. Industry Report

- i) YTD report of industrial activity is presented for your info.

Prepared By: Todd Pawsey, Director of Community Services

**Potentia - Paintearth Wind Project
Groundworks Status - County Roads and Access Points**

Status	Location of work	Road in use/affected	Approach/Road Width Restored	Culvert in place?	Ditch cut to profile?	Re-Seeding complete?	Photo Ref #	Other Notes
	Accesses & Roads							
	TR372 west of Hwy 855	ditches	ditches to match original ditch profile				372E855	
	T1	RR163	to be done					
	T2	RR163	to be done					
	Intersection	RR163 & TR372	Y	N	N	Y	163372	culvert needed
	T3	TR372	Y	Y	n	Y		ditch work to match original
	T4	TR372	Y	Y	Y	N	372T5&6	
	T5 & T6 - Intersection	TR372	Y	Y	Y	Y		no such road as TR373 - private
	T8 & T7	RR153 & Hill Road	Y	Y	N	Y		
	T16 & T17	RR153	Y	N	N	Y		
	T15	RR153	Y	N	N	Y		
	T14	RR153	Y	N	N	Y		
	Intersection	RR153 & TR372 north	Y	Y	N	Y	153T14	erosion control & ditch work
	T9	RR153	Y	na	na	Y		flat field access
	T10	RR154	Y	Y	Y	N	154T10	
	T11 & T12	RR154	N	N	N	N	154T11	reseeding needs work
	Intersection	RR154 & TR370	Y	Y	Y	N		reseeding needs work
	T13	TR370	Y	Y	Y	N		reseeding needs work
	Intersection	TR370 & RR152	Y	na	na	N		flat field access
	T32	RR152	Y	na	na	N		flat field access
	T33 & T34	RR152	Y	na	na	N		curve needs seeding
	Intersection	TR370 & RR151	Y	N	N	N	370151	north side re-contour, culvert North/South
	wetlands crossing	TR370 & RR151 south	Y	this road creates a dam, cutting off wetlands drainage - must have			151S370	wetlands restore water movement across
	south of wetlands	RR151	Y	ridge to be fixed			151S370E	
	T35	RR151	Y	needs work	Y	Y		culvert buried - expose/contour
	T36-37-38	RR151 & private land	Y	Y	Y	Y		
	TR370 east of RR151 - culvert too short, ditch slope too steep		Y	needs work	needs work	n		
	T31	TR370	Y	n	n	n		
	T30	RR150	Y	n	n	n		
	T21	RR152	Y	na	na	Y		
	T20	RR152	Y	na	na	Y		
	T19 & T18	RR152	Y	na	na	Y		
	T27	RR151	Y	Y	Y	N		
	T28 & T29	RR151	Y	Y	Y	Y		
	T22	TR372	N to be done					
	T23 & O&M Bldg	TR372	N to be done					
	T24 - T25 - T26	TR372	Y	Y	Y	Y		

May 30 2024
Todd Pawsey
Dir of Community Services
County of Paintearth

Todd Pawsey

From: Reich, Kirsten <Kirsten.Reich@atco.com>
Sent: May 23, 2024 2:40 PM
Subject: ATCO Electric Ltd - Central East Transfer Out Transmission Project - Construction Update
Attachments: Central East Transfer Out_Notification_Print All_20240523.pdf

Hello,

This email contains important information about the Central East Transfer Out Transmission Project (the Project). In January 2023, ATCO Electric Ltd. (ATCO) sent you information on the Project. We are writing to provide you with an update on the construction schedule.

Construction of the Project is staged to align with generation milestones in the area. In February 2024, ATCO received notification from the Alberta Electric System Operator that the milestone for stage 2 has now been achieved. As a result, ATCO will construct both stages concurrently, with a targeted in-service date of June 1, 2026. ATCO will begin line construction in July 2024 and activities at the Tinchebray 972S substation is anticipated to commence in Fall 2024. Please see attached notification package for further details.

If you have questions regarding this Project, or for more information, please contact ATCO toll-free at 1-855-420-5775, email us at consultation@atcoelectric.com or visit the Project website at <https://electric.atco.com/en-ca/community/projects/central-east-transfer-out-transmission-project.html>.

This email contains project information that ATCO Electric Ltd. is required to distribute to you under Alberta Utilities Commission Rule 007. If you would like to receive future project information from ATCO Electric Ltd. by postal mail, please click [unsubscribe](#) to remove your email address from our database.

Kirsten Reich (she/her)
Consultation Planner II, Lands
ATCO Electric Ltd.

A. 10035 - 105 Street, Edmonton, AB, Canada, T5J 1C8



[ATCO.com](#) [LinkedIn](#) [Facebook](#) [Instagram](#) [Twitter](#)

In the spirit of reconciliation, we acknowledge the traditional territories and homelands on which many of our ATCO operations and facilities are located. We honour and respect the diverse history, languages, ceremonies, and culture of the Indigenous Peoples who call these areas home.

The information transmitted is intended only for the addressee and may contain confidential, proprietary and/or privileged material. Any unauthorized review, distribution or other use of or the taking of any action in reliance upon this information is prohibited. If you receive this in error, please contact the sender and delete or destroy this message and any copies.

ATCO

CONSTRUCTION UPDATE



PROJECT NEWSLETTER

May 2024

CENTRAL EAST TRANSFER OUT TRANSMISSION PROJECT

In January 2023, ATCO Electric Ltd. (ATCO) sent you information on the Central East Transfer Out Transmission Project (the Project). We are writing to provide you with an update on the Project construction schedule.

Construction of the Project is staged to align with generation milestones in the area. In February 2024, ATCO received notification from the Alberta Electric System Operator (AESO) that the milestone for stage 2 has now been achieved. As a result, ATCO will construct both stages concurrently, with a targeted in-service date of June 1, 2026.

Stage 1 includes building a new double circuit 240 kilovolt transmission line with conductors strung on both sides but only energizing one circuit, and installing new equipment at the existing Tinchebray 972S substation.

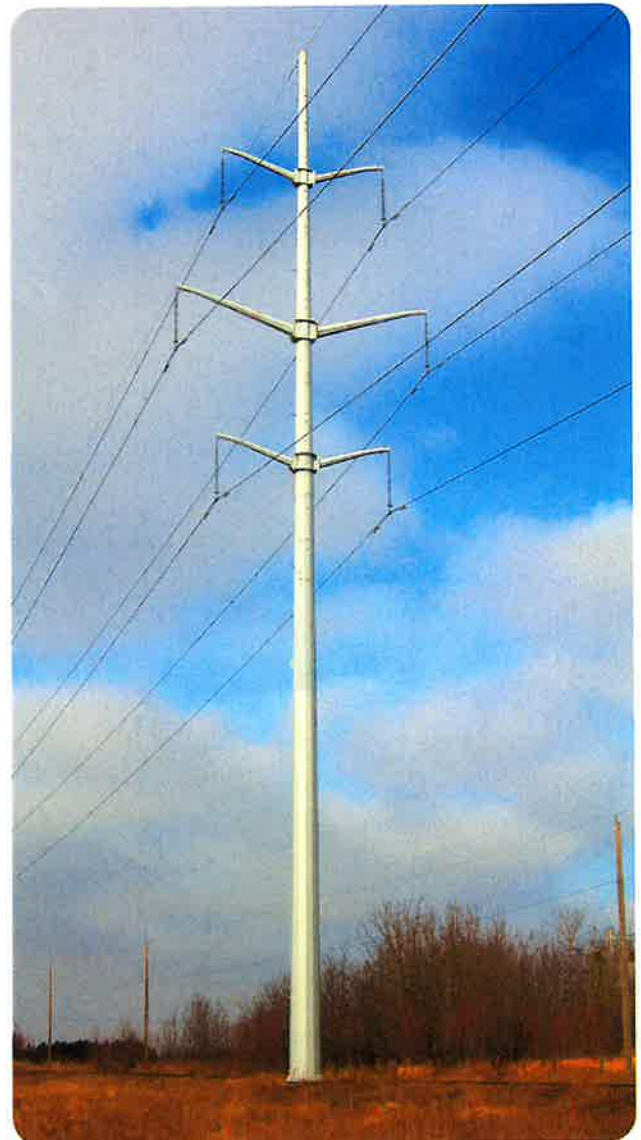
Stage 2 includes energizing the second circuit, expanding the Tinchebray 972S substation and installing additional equipment to facilitate the energization of the second circuit.

ATCO initiated pre-construction activities earlier this year, including environmental surveys, geotechnical surveys, and land acquisition. These activities will continue concurrently throughout the construction of the Project.

ATCO will begin line construction in July 2024 and activities at the Tinchebray 972S substation is anticipated to commence in Fall 2024. Refer to the following page for further details on upcoming construction activities.

Included in this package:

- Approved Route Map



CONTACT INFORMATION

Should you have any questions or comments regarding the Project, contact us toll free at:

1-855-420-5775

or by emailing us at

consultation@atcoelectric.com

Project information can also be found on our website at <https://electric.atco.com/en-ca/community/projects/central-east-transfer-out-transmission-project.html>

ATCO Electric Ltd.
10035 – 105 Street
Edmonton, AB T5J 1C8

The ATCO logo consists of the word "ATCO" in a bold, white, sans-serif font. Below the letters "O" and "C" is a thick, horizontal orange bar that tapers slightly at both ends.

Upcoming Construction Activities

Transmission line construction will occur in five phases:

- 1. Clearing and Brushing**
Construction will start with access preparation and vegetation management activities. Where required, trees will be removed from the right-of-way to minimize possible interference with the safe operation of the transmission line.
- 2. Installing Foundations**
Installing the foundations may require grading or levelling of the site.
- 3. Structure Assembly and Erection**
The structures will be assembled on site and secured to the foundations. Generally, cranes are used to lift the structures into place.
- 4. Conductor Stringing**
Once the structures are secured, conductors are attached using cranes or helicopters.
- 5. Reclamation**
This includes final cleanup and post-construction restoration activities such as cleaning up construction debris and preparing the site to support natural vegetation re-establishment.

What to Expect During Construction

Construction will occur in phases along the right-of-way to maximize efficiency and minimize disturbance in an area.

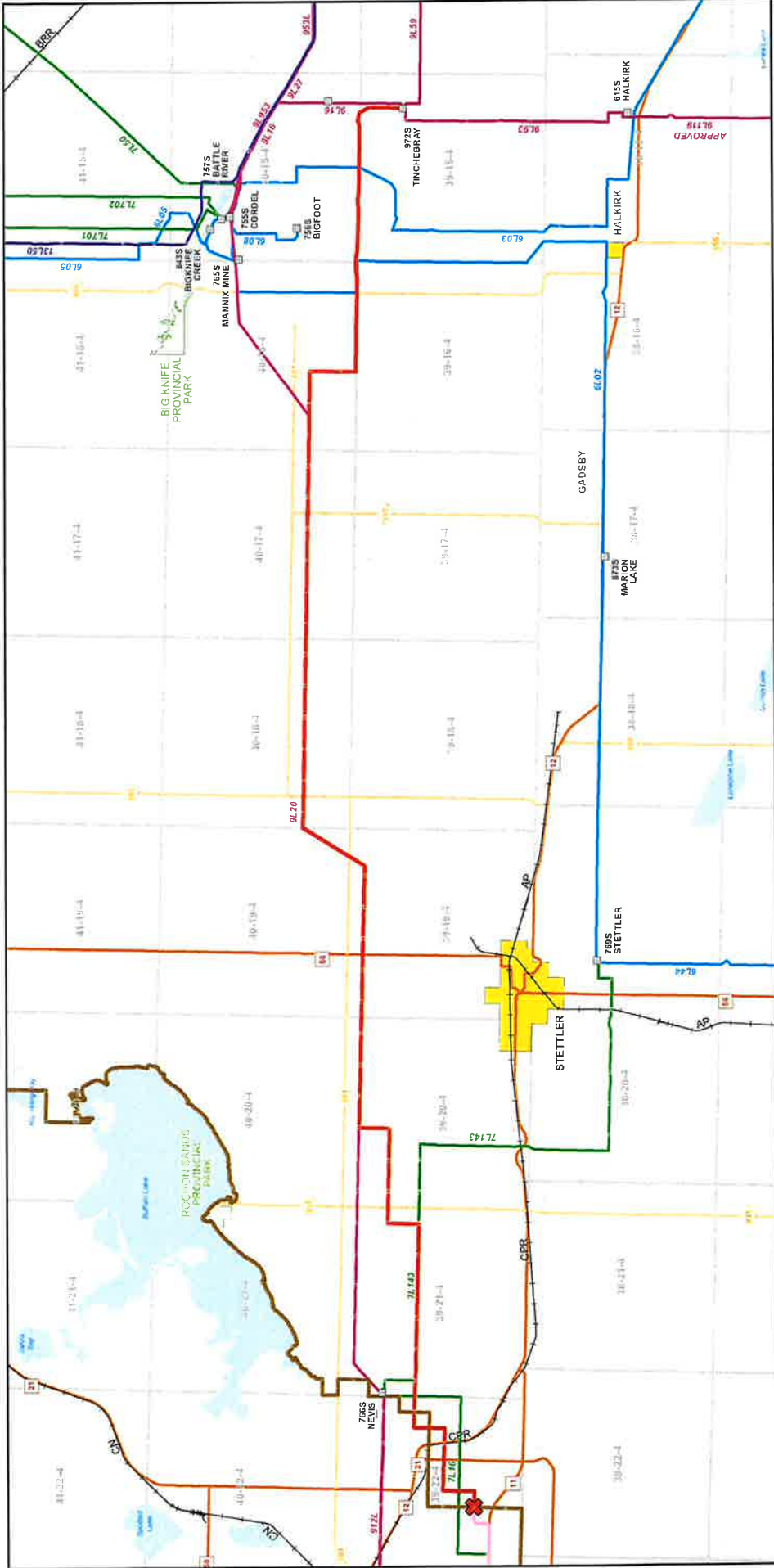
During each phase of construction, there will be periods of increased traffic and construction noise within localized areas. ATCO will strive to reduce disruption and inconvenience during construction where reasonably possible.

Safety

ATCO is committed to maintaining a safe work environment for construction crews and members of the public. If you encounter construction activities, maintain a safe distance from active work areas. In areas where line construction is not actively occurring, access mats and construction materials may still be located along the right-of-way and may not be easily visible. ATCO recommends people take extreme caution when travelling near the right-of-way.

Other Communications about the Project

AltaLink Management Ltd. (AltaLink) was also directed by the AESO to develop a portion of the Project that falls within its respective service territory. You may receive information from AltaLink if you are near their portion of the approved Project.



ATCO

Central East Transfer Out Project

APPROVED ROUTE MAP

May 2024
RC-CETO - N7 - 01

Legend:

- Approved ATCO 240 kV Transmission Line Route
- Approved Alberta 240 kV Transmission Line Route
- Approved Connection Point
- Alberta / ATCO Service Territory Boundary
- Existing Substation
- Existing 500 kV Transmission Line
- Existing Approved 240 kV Transmission Line
- Existing 138 kV / 144 kV Transmission Line
- Existing 72 kV Transmission Line
- Primary Highway

Legend:

- Secondary Highway
- Road
- Railway
- City / Town / Village
- Provincial Park
- Waterbody
- Watercourse

NOTES:

* Only facilities in the vicinity of the project are shown.

DATE: 2024-05-01 10:00 AM
 PROJECT: CETO - N7 - 01
 DRAWING: RC-CETO - N7 - 01
 SCALE: AS SHOWN
 AUTHOR: [Name]
 CHECKED: [Name]
 APPROVED: [Name]

Land Location	Approach Exist/Temp?	Structure served	Road used	Visibility	Culvert (40cm) Yes / No?
NE26-39-15	temp	3	RR151	ok	Yes
SE35	temp	7 (exists) Existing one near location – use preferred.	RR151	ok	Yes
NE35	temp	10	RR151	ok	Yes
SW2-40-15	temp	16	TR400	ok	Yes
SW2	exist	18	TR400	ok	No
SW2	temp	RR152 access		ok	Yes
SE3	temp	RR152 access		ok	Yes
SE3	exist	20	TR400	ok	No
SE4	temp	28	TR400	ok	Yes
SE4	temp	30	TR400	ok	Yes
SW4	exist	34	TR400	ok	No
SW4	temp	RR154 access (widened) No current approach needed as ROW widened for turbine del If reclaimed by time construction occurs, then OK and culvert may be needed, pending reclamation status		ok	No
SE5	exist	35	TR400	ok	No
SW5	temp	39	TR400	ok	No
SW5	temp	42	RR155	ok	No
SE6	temp	RR155 access		ok	No
SE6	temp	44	TR400	ok	Yes
SE6	temp	46	TR400	ok	Yes
SW6	temp	50	TR400	ok	No
SW1-40-16	exist	58	TR400	ok	Yes

MAY 15 2024



310-4AUC
1-833-511-4AUC
www.auc.ab.ca

1400, 600 Third Avenue S.W.
Calgary, Alberta
T2P 0G5

Notice of application CastorWest Solar PV Plant

Sky Sustainable and Green Energy Corp. has filed an application for a solar power plant and project substation in Paintearth County No. 18

**Proceeding 28961
Application 28961-A001**

The Alberta Utilities Commission (AUC), the independent utilities regulator, will be considering the power plant development application in Proceeding 28961. If you feel you may be affected by this application you can provide input to the AUC to review before it makes its decision.

Written submissions are due June 5, 2024.

Sky Sustainable and Green Energy Corp. has applied for approval to construct and operate a 47-megawatt solar power plant and project substation, designated as the CastorWest Solar PV Plant. A separate transmission line and connection order application will be submitted by ATCO Electric Ltd. to connect the project to the Alberta Interconnected Electric System.

The project would be located on two parcels of privately owned land, approximately two kilometres west of the town of Castor, in the west half of Section 33, Township 37, Range 14, west of the Fourth Meridian, in Paintearth County No. 18. The application has been filed under the *Hydro and Electric Energy Act*.

Additional information about the application

The application and any associated documents are publicly available and can be accessed from the eFiling System on the AUC website www.auc.ab.ca. Alternatively, for more information about what is being applied for, or for a copy of the application, please contact:

Worley Canada Construction
Sara Eshghabadi
Phone: 403-816-4819
Email: sara.eshghabadi@worley.com

Participant information

For more information about how you may become involved in this proceeding, please contact us or visit our website and review the information under “Get involved.”

Submissions

If you wish to participate in this proceeding, please visit our website and log in to the eFiling System, go to Proceeding 28961, and register to participate under the “registered parties” tab. For guidance on how to use the eFiling System, please visit www.auc.ab.ca/how-to-use-efiling. Alternatively, please contact us at 310-4AUC (310-4282) in Alberta or info@auc.ab.ca for more information or assistance with filing your submission. The lead application officer, Fatiha Rezwan, can also be contacted at fatiha.rezwan@auc.ab.ca or 403-592-4383.

The AUC may make its decision without further notice or process if no written submissions are received.

Submissions must include your name, address, phone number, legal land location, description of your land in relation to the proposed development and a description of your interest in the land, your business, or your activities which may be affected by the proposed project. Please also briefly describe the issues you would like the AUC to consider when making its decision.

Privacy


To support an open and transparent process, information you send to the AUC will be publicly available through the AUC’s eFiling System. If there is confidential information you would like to file, a request must be made in advance of filing your submission.

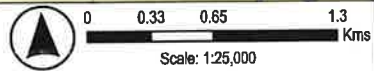
Issued on May 8, 2024.

Alberta Utilities Commission



Legend

 Proposed Castor West Solar PV Plant Boundary



Data Source: Alberta Environment and Parks Esri Canada, Esri, TomTom, Garmin, SafeGraph, METINASA, USGS, EPA, USDA, NRCAN, Parks Canada, Esri Canada, Esri, TomTom, Garmin, SafeGraph, Geotechnologies, Inc, METINASA, USGS, EPA, US Census Bureau, USDA, NRCAN, Parks Canada

Castor West Solar PV Plant Project



Castor Area
Proceeding No. 28961
Sky Sustainable and Green Energy Corp

2024 Industry & Utilities Report

As of May 30

2024

Approaches and Access

# Applicant	Land Location	Date Applied	Existing	New Constr.	Culvert?	Date Approved
1 Karve Energy	NW28-38-12	20-Feb		y		06-Mar
2 Karve Energy	SW3-38-12	20-Feb		y		06-Mar
3 Karve Energy	NE24-38-13	27-Feb	y			06-Mar
4 Karve Energy	NE12-38-12	29-Feb	y			06-Mar
5 Karve Energy	SE26-38-13	05-Mar	y			27-Mar
6 Interpipeline Ltd	NW34-35-10	25-Mar	y			
7 Interpipeline Ltd	SW27-35-10	25-Mar	y			
8 CETO Line - ATCO	various - 20 locations	15-May				29-May
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Pipeline Crossings

Applicant	Land Location	Date Applied	Open/Bored	Weed Ctrl?	Profile Rec'd	Date Approved
1 Karve Energy	NE24-38-13 to SW30-38-12	02-May	bored			16-May
2 Karve Energy	SE29 to NE20-38-12	31-Jan				08-Feb
3						
4						
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Proximity Requests		Land Location	Date Applied	Date Approved
1	Karve Energy	SW3-38-12	20-Feb	06-Mar
2	Karve Energy	SW8-39-11	27-Feb	27-Mar
3	Karve Energy	NE24-38-13	27-Feb	06-Mar
4	Karve Energy	SE26-38-13	05-Mar	27-Mar
5	Karve Energy	NE12-38-12	05-Mar	06-Mar
6	Karve Energy	SW19-38-12	02-May	16-May
7				
8				
9				
10				
11				
12				

Utility Applications	Land Location	Project	Notified	Approved
1	ATCO Electric	Temp laydown yard service	17-Jan	30-Jan
2	ATCO Electric	site service, lease road not cou	21-Mar	25-Mar
3	ATCO Electric	salvage material Paintearth Wir	18-Mar	25-Mar
4	ATCO Electric	new lease site service	22-Mar	25-Mar
5	ATCO Electric	salvage materials industry	27-Mar	19-Apr
6	ATCO Electric	salvage materials industry	15-May	16-May
7	ATCO Electric	salvage materials industry	08-May	18-May
8	ATCO Electric	salvage materials industry	08-May	16-May
9	ATCO Electric	salvage materials industry	08-May	16-May
10	ATCO Electric	salvage materials industry	08-May	16-May
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RUA Projects	Land Location	Roads	Date Entered
1			
2			
3			
4			
5			
6			
7			

D56 & Other Notices

Exploration/Development Notices of Intent		Intent Notice		Purpose
Applicant	Land Location		Compl. Notice	
1 Terrene Environmental	NW26-36-13	17-Jan	17-Jan	approach release - OWA
2 Karve Energy	NE7-39-10		10-Jan	rec certificate issued
3 NGTL	SW3-38-13	24-Jan		blowdown notice
4 Axiom Oil and Gas	NE16-36-11	30-Jan		Multi well oil battery
5 Crescent Point Energy	NW16-39-15	13-Feb		wellsite abandonment
6 Crescent Point Energy	NW16-39-15	13-Feb		pipeline abandonment
7 Karve Energy	SW14-37-12	20-Feb		approach release
8 Karve Energy	SW3-38-12	21-Feb		new multiwell padsite
9 Karve Energy	NW28-38-12	21-Feb		new multiwell padsite
10 Battle River Energy	SW26-38-10	23-Feb		wellsite abandonment
11 Battle River Energy	SE24-38-11	23-Feb		wellsite abandonment
12 Battle River Energy	NE24-35-14	23-Feb		wellsite abandonment
13 Battle River Energy	SW8-39-10	23-Feb		wellsite abandonment
14 Battle River Energy	NW29-38-10	23-Feb		wellsite abandonment
15 Battle River Energy	NW28-38-10	23-Feb		wellsite abandonment
16 Battle River Energy	NW23-37-10	23-Feb		wellsite abandonment
17 Battle River Energy	NW26-38-10	23-Feb		wellsite abandonment
18 Battle River Energy	SE34-37-9	23-Feb		wellsite abandonment
19 Karve Energy	NW15-39-11	22-Feb		approach release
20 Karve Energy	SW8-39-11	27-Feb		add'l wells on existing padsite
21 Crescent Point Energy	SE2-40-15	27-Feb		wellsite abandonment
22 Karve Energy	NE24-38-13	28-Feb		add'l wells on existing padsite
23 Karve Energy	NE5-38-12	05-Mar		Multi well oil battery
24 Karve Energy	SE26-38-13	05-Mar		new multiwell padsite
25 Karve Energy	NE12-38-12	29-Feb		new oil well
26 Battle River Energy	SE24-38-11	19-Mar		wellsite abandonment
27 Battle River Energy	SE15-37-10	19-Mar		wellsite abandonment
28 Battle River Energy	SE26-37-10	19-Mar		wellsite abandonment
29 Bay Oil and Gas	NW8-39-10	27-Mar		add'l wells on existing padsite
30 Crescent Point Energy	NW11-40-15	08-Apr		wellsite abandonment
31 Karve Energy	SW1-39-13	05-Apr		rec certificate issued
32 Karve Energy	SW14-37-12	05-Apr		rec certificate issued
33 Karve Energy	24-38-13 to 19-38-12	16-Apr		oil pipeline
34 Karve Energy	24-38-13 to 30-38-12	16-Apr		nat gas pipeline
35 Karve Energy	SE8-38-12	15-Apr		add'l wells on existing padsite
36 Karve Energy	NE12-38-12	17-Apr		salt water pipeline
37 Karve Energy	NE12-38-12	17-Apr		salt water pipeline
38 Karve Energy	NW14 to NE14-38-12	17-Apr		salt water pipeline
39 Karve Energy	NE12 to SE14-38-12	22-Apr		salt water pipeline
40 Karve Energy	NE12-38-12	14-May		water source well
41 Karve Energy	14 to 24-35-10	01-May		pipeline abandonment
42 Battle River Energy	24-38-11	30-Apr		pipeline abandonment
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BYLAW OFFICER Report

Meeting: Regular Council Meeting

Meeting Date: June 4, 2024

Signage Requests

A resident has requested Council allow a "Children Playing" sign near her residence to encourage lower speeds from area residents for the safety of her children (ranges 2-9 yrs of age). Please see attached request 9E.i

Coroview Farms has requested placement of a sign be granted on RR115 south off AB Sec Hwy 599 directing commercial truck traffic not to use RR115 to access Coro View Farms when delivering shipments into their northern yard access. **QE. ii**

Michael Simpson

9e)i

From: ***
Sent: May-29-24 1:32 PM
To: Michael Simpson
Subject: Kids Playing signs

Hello,

I was told to email you regarding signage I'd like to put up near my house.

I live at blue sign 384 RR100.

I am wanting to put up slow down or kids playing signs on either side of township rd 384 at the intersection of township rd 384 and RR 100. My sister Jenna Hanger and I live on RR 100, one house on either side of 384 and our kids are often quadding, walking or biking across 384 to get to each others houses. The visibility is a bit poor on either side of this intersection as it's very hilly so I was hoping I could get permission to do this. I can be reached ; if needed.

Thanks very much.
Paige Ibbotson

Michael Simpson

9e) ii)

From: Brent Heidecker
Sent: May-31-24 6:53 AM
To: Michael Simpson
Subject: rr115

Micheal

Please present to council.

I have had a discussion with Colm Fitzgerald about placing a sign on RR115 just s of 599. I propose the sign would read "NO COMMERCIAL TRAFFIC TO CORO VIEW FARMS". As per previous discussions with Bryce and Colm, we try to keep our own CVF trucks from using 115 from 599. We also try to keep commercial trucks bringing cattle and feed off, but that is a challenge given the number of different carriers that deliver to us. We have a google maps pin that many drivers use to find us that will send them into the yard from the north.

I believe a sign would deter traffic from using 115 from the north into our yard.

Thank you

Brent Heidecker
Coro View Farms Ltd.
Coronation, Alberta



County of Paintearth No. 18

Strategic Initiatives Manager Report

Meeting: Regular Council Meeting

Meeting Date: June 4, 2024

Community Connections and/or Community Opportunities:

Meetings:

- 2024-05-27 – Plug and Play Alberta Spring Expo re: Food & Beverage (Including Ag-Tech), Telus Spark Centre, Calgary.
- 2024-05-30 – Olds College re: Discovery Day & AgSmart Preparation (Attachment 1).

Inquiries:

- Class Rebel re: 600 Person Venture Finance Education Project – 2024-2026 Agreement.

For Your Information:

- 2024-05-24 – Province of Alberta re: Orders in Council (Attachment 2).
- White Paper: *Unpuzzling Food Inflation: How Innovation Adoption by Canada's Food Processing Sector will Flatten the Curve* (Attachment 3).

Projects:

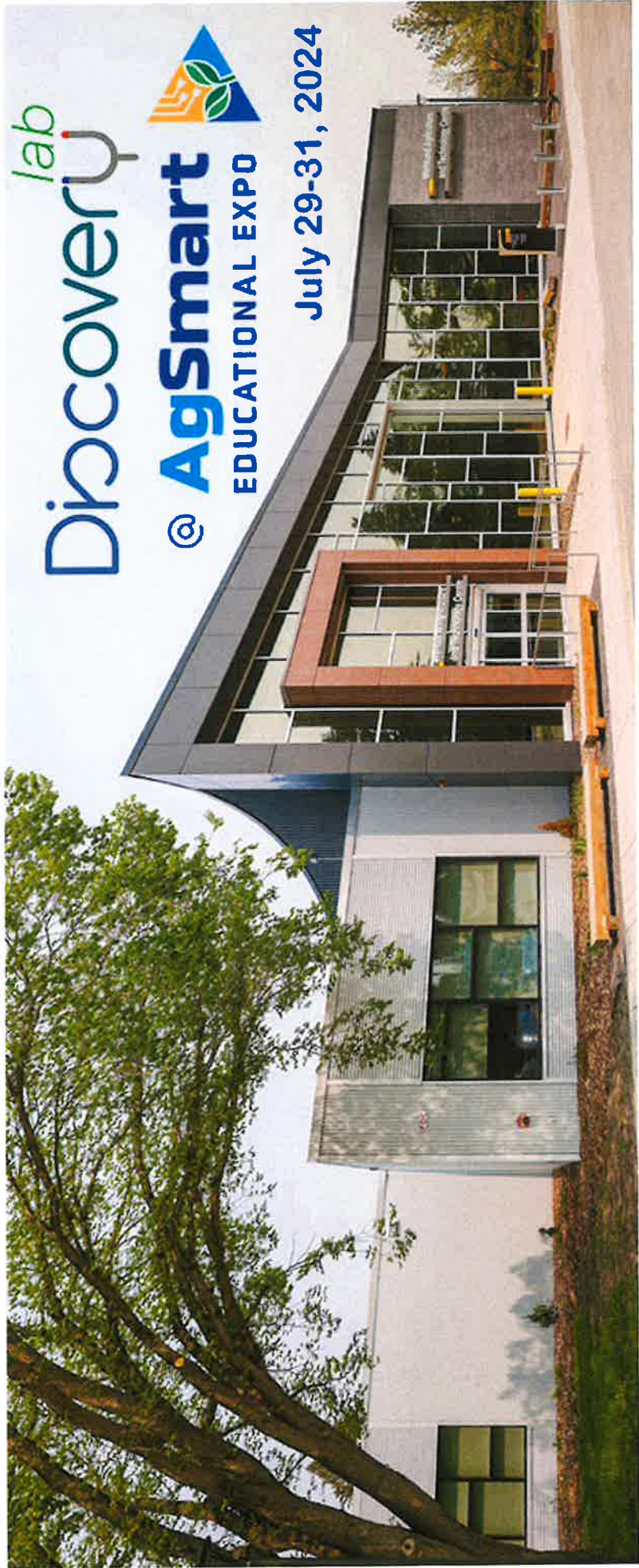
- Agri-Class NRED RFP
- Agri-Tourism Rodeo Project – Social Media Content Generation (Attachment 4).

In-house Meetings:

- 2024-05-09 – AMHSA Contractor Health & Safety Management.
- 2024-05-23 – CASA Coaching & Consulting Inc. re: Leadership Training.
- 2024-05-23 – Administrative Monthly Safety Meeting.
- 2024-05-23 – In-house Training re: Clerical Support.
- 2024-06-03 – In-house Training re: Clerical Support.

Upcoming Event(s):

1. June 6 – 9, 2024 – Federation of Canadian Municipalities (FCM) Convention.
2. July 29, 2024 – Discovery Announcement, Olds College.
3. July 30 – 31, 2024 – AgSmart Educational Expo, Olds College.
4. November 26-28, 2024 – Agri-Food Innovation Expo, Lethbridge & District Exhibition.



Discovery *lab*
@ **AgSmart**
EDUCATIONAL EXPO
July 29-31, 2024

Discoveries making a difference

Growing companies from all technology sectors are welcome to pitch to a panel of investors, advisors and industry experts.

Events

Inventures is running in Calgary, DiscoveryLab Associate **Maryam** looks forward to seeing you there on May 30.

Pitches are either by 10 minute virtual or longer in-person slots, with plenty of time for Q&A, evaluations and networking included.

Presenters receive same-day scorecards, a video of their pitch within a day, feedback from advisors and investors, industry connections, access to funding opportunities as well as lunch and a networking reception.

Pitch at **DiscoveryLab@AgSmart**

You are invited to **register** for DiscoveryLab@**AgSmart** satellite event on Monday July 29, 2024 from 9am-5pm at **Werklund Lecture Theatre and Lobby** on the Olds College of Agriculture & Technology. This state-of-the-art meeting space offers comfortable seating for 150 people, wifi and plenty of space to network.

Pitches in all technology sectors are welcome, and priority for in-person slots will be given to those focussed on agtech and agribusiness.

Hotel information: book soon to ensure availability.

This event is organized in partnership with **AgSmart**, **CARIN**, **FCC** and **Olds College**.

Revolutionizing PGx Seminar in LKS UofA on May 30 at 1:15-2:15 pm

RDAR Round-Up in Cremona on June 6

CSPS/CC-CRS Drug Discovery and Development Symposium, UofA, June 10-13

Prairie BioEconomy Guild: BioAlberta
Celebration of Summer Social Event on June 12

The Simpson Centre data literacy workshops for cow-calf producers from June 13

Trade Talks - Global logistics support for Alberta companies hosted by Edmonton Global at EIA on June 19

Platform Calgary Annual Meeting & Community Celebration on June 20

Techstars Startup Weekend by Platform Calgary from June 21-23

SelectUSA Investment Summit 2024, Maryland June 23 – 26. **Contact** for attending

Biomedical Engineering Research Day at the University of Alberta on June 26



DiscoveryLab is running a pitch day at **AgSmart** in Olds College on July 29, with a *From Idea to Impact: Building Startups with*

DiscoveryLab@AgSmart Meeting

Monday, July 29 · 9am - 5pm MDT

Free

0

Pitch your plan to advisors, investors & industry experts
virtually or in person at AgSmart

Sales end on Jul
22, 2024

Powered by eventbrite

Language: English (CA)

CA\$0.00

Check out

Registered presenters on July 29 include:



Darren Wolchyn, Founder & CEO, **Smart Paddock** on location tracking and status monitoring system for livestock animals, assets and farms



Geoffrey Shmigelsky, CTO, **OneCup AI** deploying AI BETSY, a computer vision system that can identify and track animals uniquely



Mardin (Asghar) Fallah, Founder, **RNA Y** and Postdoctoral Fellow, Medical Genetics, University of Alberta



Mark Olson, President, **Flokk Systems** providing systems for herd management and traceability reporting.

Purpose panel on July 31. **Save 15% on tickets** before July 1.

envisAGE Annual Forum Oct 23 in Edmonton

News

PulseMedica's eye imaging and treatment was presented at DiscoveryLab's last month, they have now raised \$12M from investors including **Saltagen Ventures**.

DiscoveryLab presenter **Kent Imaging** received FDA clearance for SnapshotNIR KD205 system for measuring body oxygen levels.

Pacylex Pharmaceuticals releases zelenirstat Phase 1 safety and efficacy data and is starting two Phase 2a studies in 4 sites in Canada

Nanostics is expanding use of the ClarityDX tool to Quebec through **CDL Laboratories**.

Bennett Jones supports **Clean Energy** and **Agri-Food** initiatives in Canada

Farm Credit Canada to offer more direct VC funding for agtech startups

Zambon pharmaceutical group **Open**

Accelerator Programme: June 16 deadline for startups focused women's health and femtech

City of Edmonton awards \$5 million to tech companies including **Zero Point Cryogenics** via its **Edge Fund** according to **CBC**.



Mustafa Gül, CEO, **City Scan Technologies**, providing AI-powered cost-effective and scalable infrastructure assessment solutions



Nafaa Haddou, co-Founder and CEO, **Nu Terra Labs**, developing control systems to meet the needs of farmers as well as FireSafe detection



Pankaj Purwar, Co-Founder, **Farmer's Legacy Biotech**, creating healthy and sustainable oil for Canadian consumers



Robert Saik, CEO, **AGvisorPRO**, mobile platform for connecting experts and companies and those seeking agriculture advice



Sara Saeedi, Researcher, **University of Calgary** and Innovation Program Project Director, **Open Geospatial Consortium**



Tayab Soomro, co-Founder and CEO, **PathoScan** developing in-field pathogen and disease testing devices for a variety of crop diseases

SpectraCann wins NEW Startup of the Year at the **YEG Startup Community Awards**, **Future Fields** wins **Most Edmonton Startup** and **Nanostics** wins **Best Start-up Workplace**

PanTHERA CryoSolutions released their first GMP-grade lot of product for cryo-storage of cell-based therapeutics

Lexpert recognizes 27 lawyers at **Bennett Jones** for their expertise in Corporate Finance, M&A and related practices.

University of Alberta Innovation Fund invests into support adoption of its ClarityDX Prostate test.

Partners

See the world differently. Tell your story.

DiscoveryLab offers events where teams pitch plans to a panel of investors and advisors, and keynote talks are offered on a theme. Scalable innovations in any sector, location or stage of development are presented as are transformative technologies for diagnostics, medical devices, therapeutics, biotech, agtech, AI, cleantech, edtech, food/drinks, materials, energy, environment and resources.

We welcome new members including investors, industry experts and business advisors to join in to advise the diversity of teams presenting.

Presenters receive constructive feedback on the business plan summary and slidedeck they submit beforehand, a video recording of their pitch, an evaluation and scores, new connections and leads for funding.

Note: Teams that are pitching are invited to submit their **business plan summary** at least two weeks before the event to qualify for a slot and gain



feedback to strengthen their pitch.

Presenters can also check out our **Presenter Guide**.



Our aims are to play a positive role by:

1. building trust and mutual understanding to ensure sustainable and rewarding multi-party relationships,
2. identifying major challenges that require innovative thinking,
3. mapping out precompetitive spaces for open-source collaboration,
4. developing fair and reasonable intellectual property strategies for progression and scalable funding,
5. structuring and optimizing core activities and facilities for supporting innovation, and
6. increasing data quality, reproducibility and decisiveness while eliminating unnecessary duplication and costs.

We welcome collaborators and partners who are interested in working together to support the innovation ecosystem.

For clarity, DiscoveryLab does not recommend advisors or investors, make investments or provide funding, but can make introductions. Each person and company has the responsibility of obtaining legal advice and performing due diligence before signing contracts or taking investments.



Funding Programs

Edmonton Edge Fund with \$5 million for local tech and innovation is launching this year.

Post-Secondary Institution Business Development Support for students, faculty and staff at Edmonton's post-secondary institutions: Executives in Residence access and up to 150 hours of free advice.

Alberta Export Expansion Program is resuming funding for the development of export markets for Alberta's SMEs through the reimbursement of international business travel costs.

Alberta's Hydrogen Centre of Excellence is making \$20 million available over 24 months to support hydrogen production, storage, transmission, end-use projects under its Advancing Hydrogen - Competition 1 program.

Business Development Support (BDS) program open call for students, staff and alumni of Edmonton-based postsecondaries wanting to connect to industry specific expertise they need. [Apply here.](#)

BDC has launched of **Thrive Venture Fund** and Lab for Women, a \$500-million investment platform to support the growth and economic impact of Canadian women-led businesses.

Canadian Digital Adoption Program from the Government of Canada is offering startups and SMEs grants to grow their online presence and upgrade and adopt digital technologies.

Capital City Pilots for Edmonton-based startups to test pilot-ready IP. using \$10,000 in expert support, exclusive access to municipal clients, and resources.

Experiential Learning in Innovation, Technology, and Entrepreneurship (ELITE) Program for Black Youth age 15-22.



Local accelerators include:

- **Alberta Accelerator by 500**
- **Alberta Catalyzer (Pre-Accelerator)**
- **Alberta Innovates Revenue Accelerator**
- **Growth Catalyst**
- **Plug and Play Alberta**
- **Propel, Startup Edmonton pre-accelerator**
- **TELUS Community Safety and Wellness Accelerator**
- **THRIVE Canada Accelerator for food/ag**
- **Trade Accelerator Program (TAP) Alberta**



Government news

May 24, 2024

Orders in Council

Orders Approved - May 23, 2024.

HONOURABLE MR. AMERY

119/2024	CONFLICTS OF INTEREST ACT (sections 33 and 34) - Effective May 26, 2024, appoints Shawn McLeod as Ethics Commissioner for a term to expire on May 25, 2029.
120/2024	COURT OF JUSTICE ACT (section 9.1) - Effective May 24, 2024, appoints Monica Rose Brown as a judge of the Alberta Court of Justice.
121/2024	COURT OF JUSTICE ACT (section 9.1) - Effective May 27, 2024, appoints Kanwarinder Singh Ahluwalia, K.C., as a judge of the Alberta Court of Justice.
122/2024	COURT OF JUSTICE ACT (section 9.1) - Effective July 2, 2024, appoints William Harvey Hendsbee, K.C., as a judge of the Alberta Court of Justice.
123/2024	KING'S COUNSEL ACT (section 1) - Revokes the appointment during pleasure of Robert Allen Rakochev as a provincial officer under the name of "His Majesty's Counsel, learned in the law, for the Province of Alberta" and recalls the letters patent issued under the Great Seal of the Province with respect to the said appointment.

HONOURABLE MR. ELLIS

124/2024	PRISONS AND REFORMATORIES ACT (CANADA) (section 7.2) - Designates certain persons responsible for authorizing temporary absences for prisoners.
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HONOURABLE MS FIR

125/2024	FIRST NATIONS SACRED CEREMONIAL OBJECTS REPATRIATION ACT (section 5) - Makes the Blackfoot First Nations Sacred Ceremonial Objects Repatriation (Expiry Date Extension) Amendment Regulation.
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HONOURABLE MR. GLUBISH

126/2024	ALBERTA RESEARCH AND INNOVATION ACT (section 7); ALBERTA RESEARCH AND INNOVATION REGULATION (section 3) - Appoints Jodi Abbott to the board of directors of Alberta Innovates and designates her as Vice-chair for a term to expire on May 22, 2027; appoints Brad Severin and Richard Wong to the board of directors of Alberta Innovates, each for a term to expire on May 22, 2026; appoints Michael Mahon and Robert Fernandez to the board of directors of Alberta Innovates, each for a term to expire on May 22, 2027.
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HONOURABLE MR. HORNER

HONOURABLE MR. JONES

127/2024	PROCLAMATION - Proclaims certain provisions of the Financial Statutes Amendment Act, 2024 in force on May 29, 2024 and June 7, 2024.
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HONOURABLE MR. HORNER

128/2024	ALBERTA PERSONAL INCOME TAX ACT (section 35.096) - Makes the Attraction Bonus Program Regulation.
129/2024	ALBERTA PUBLIC AGENCIES GOVERNANCE ACT (section 14); ATB FINANCIAL ACT (section 3) - Effective January 1, 2025, reappoints Joan Hertz as a member and chair of the board of directors of ATB Financial, for a term to expire on December 31, 2027; effective June 16, 2024, appoints Naseem Bashir and Kara Flynn as members of the board of directors of ATB Financial, each for a term to expire on June 15, 2027.

HONOURABLE MR. JONES

130/2024	PROCLAMATION - Repeals section 53.9821 and the heading immediately preceding it of the Employment Standards Code on the date of issue of the Proclamation.
131/2024	EMPLOYMENT STANDARDS CODE (section 138) - Makes the Employment Standards (COVID-19 Leave) Repeal Regulation.
132/2024	FILM AND TELEVISION TAX CREDIT ACT (section 19) - Makes the Film and Television Tax Credit Amendment Regulation.
133/2024	NORTHERN ALBERTA DEVELOPMENT COUNCIL ACT (section 4) - Appoints 6 persons as members of the Northern Alberta Development Council, each for a term to expire on May 22, 2025.

HONOURABLE MR. LOEWEN

134/2024	PUBLIC LANDS ACT (sections 8 and 9) - Makes the Public Lands Administration Amendment Regulation.
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HONOURABLE MR. MCIVER

135/2024	MUNICIPAL GOVERNMENT ACT (section 141.3) - Makes the City of Calgary Charter, 2018 Amendment Regulation.
136/2024	MUNICIPAL GOVERNMENT ACT (section 141.3) - Makes the City of Edmonton Charter, 2018 Amendment Regulation.

HONOURABLE MR. NALLY

137/2024	BUSINESS CORPORATIONS ACT (sections 266 and 293.3) - Makes the Business Corporations Amendment Regulation.
138/2024	CEMETERIES ACT (section 65(2)) - Makes the Cemeteries Exemption Amendment Regulation.
139/2024	CONDOMINIUM PROPERTY ACT (section 81) - Makes the Condominium Property (Expiry Date Extension) Amendment Regulation.

140/2024	CONSUMER PROTECTION ACT (section 103) - Makes the Designation of Trades and Businesses Amendment Regulation.
141/2024	FUNERAL SERVICES ACT (section 2) - Makes the Exemption (Expiry Date Extension) Amendment Regulation.
142/2024	LAND TITLES ACT (section 213) - Makes the Pending Registration Queue (Expiry Date Extension) Amendment Regulation.
143/2024	LAW OF PROPERTY ACT (section 50.1) - Makes the Law of Property (Expiry Date Extension) Amendment Regulation.

HONOURABLE MRS. SAWHNEY

144/2024	POST-SECONDARY LEARNING ACT (sections 44 and 56) - Reappoints Supriya James, Tina Naqvi-Rota and Bradley Pickering as members of The Board of Governors of NorQuest College, each for a term to expire on May 22, 2027.
145/2024	PROFESSIONAL AND OCCUPATIONAL ASSOCIATIONS REGISTRATION ACT (section 14) - Approves the Municipal Assessor Amendment Regulation.

HONOURABLE MR. TURTON

146/2024	CHILD, YOUTH AND FAMILY ENHANCEMENT ACT (section 131.2) - Appoints 10 persons as members of the Child, Youth and Family Enhancement Act Review Committee, each for a term to expire on May 22, 2025.
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Orders in Council can now be viewed on the King's Printer website at: <https://kings-printer.alberta.ca/507.cfm>

Unpuzzling Food Inflation: How Innovation Adoption by Canada's Food Processing Sector will Flatten the Curve



CANADIAN
FOOD INNOVATION
NETWORK



Foreword

When grocers were called to Ottawa last autumn to explain their role in the alarming rise in food inflation, I paid close attention. As the leader of the Canadian Food Innovation Network (CFIN), it's my job to build supports and programs that will help every food and beverage business in Canada reach their full potential and that includes grocers and retailers. While retailers can play a part in stabilizing food prices, I was disheartened to see that conversations in parliament were limited in scope and didn't examine food inflation's drivers in a fulsome way. Food affordability and price inflation are driven by complex supply chain issues. It's human nature to want to find simple solutions to urgent problems, but when it comes to grocery price inflation, the causes and mitigations are complex and diverse. While well-intentioned, current policies and discussions aiming to resolve those issues are piecemeal, address a small portion of the supply chain, and will not lead to long-term solutions.



Around CFIN's virtual board room table, our executive team explored this topic and realized that we can use our experience (all of us have deep roots in the food industry) and the learnings from the 70 projects we've invested in over the last three years to broaden the important conversations started by Minister Champagne. We talked about companies like Purdys Chocolates who are reducing the cost of their ingredients and improving the nutrition profile of their iconic chocolates by testing new food ingredients and about BetterCart Analytics who are helping small-and-medium-sized food companies – which make up the majority of Canada's \$34 billion food manufacturing sector – to compete on a level playing field with multinational companies.

We agreed unanimously that technology adoption and innovation in food manufacturing are imperative and powerful tools in the fight to flatten the upward curve of food prices. We also agreed that the conversations happening around news desks and dinner tables was not complete and that people needed to know more about Canada's food manufacturing and processing sector. For instance, did you know that the food and beverage processing sector is the largest manufacturing segment in Canada, in terms of both GDP and employment, representing 17.3 percent of manufacturing GDP and 18.1 percent of manufacturing jobs? Likewise, were you aware that 70% of the food consumed in Canada is grown and processed here at home? If this is all new to you, don't feel badly – this is a story that hasn't been told fully. Until today.

Canada is ripe for innovation in the food industry as a solution to competitiveness, productivity, and food inflation challenges. That is the *raison d'être* for the CFIN - we believe technology, collaboration, and creative problem-solving can transform the food sector and pave the way to a sustainable and prosperous future for Canadians. We know that to address rising food costs comprehensively, Canada must supercharge innovation in the food and beverage manufacturing sector. It will take time, purpose, and investment, but it can be done. I know because the projects CFIN has invested in are already seeing results. I hope that you'll find this whitepaper not just informative, but also inspiring – there are solutions to rampant food inflation, and we know how to implement them.

- Dana McCauley
CEO, Canadian Food Innovation Network

The Challenge:

Increasingly High Food Prices in Canada



Current media coverage, social media activity, and consumer advocacy show that food prices are a major public concern – and that makes sense given that Canadian grocery prices increased 21.6% between February 2021 and February 2024¹. Reflecting the impact of food inflation, in 2021 and 2022, 18.4% of people living in the 10 provinces had insecure access to food due to financial constraints². That's 6.9 million people, including almost 1.8 million children, who are dealing with a precarious food supply. Contributing to the problem are high input and ingredient costs, escalating labour expenses, staffing shortages, a slowdown in consumer spending, and high interest rates that are creating a challenging business environment for many Canadian producers and distributors of food.

While food price insecurity is a multi-faceted issue, its increased prevalence in recent years is due in part to food price inflation. In 2022, food price inflation in Canada hit its highest rate since the early 1980s – an average of 10% across the country. Then, in 2023, food prices rose a further 5 to 7%³. And while that food price inflation occurred in step with high overall inflation (largely due to macroeconomic and supply chain challenges caused by the COVID-19 pandemic), the former exceeded the latter for 13 months between September 2021 and October 2022⁴. Beyond the context of COVID-19, structural and persistent trends, such as the weakening of the Canada dollar versus its American equivalent since 2011, a lack of grocery sector competition in Canada, geopolitical risks, rising food input costs, and extreme weather events have also placed upward pressure on food prices for years⁵.

Despite some recent progress on cooling inflation, grocery prices are not expected to drop substantially even when overall inflation is reduced to the Bank of Canada target range⁶. Consequently, consumers in Canada will not see relief in the grocery store – unless the right actions are taken to mitigate that situation.

¹ <https://www.cbc.com/news/economy/food-prices-inflation-2024-02>

² <https://www150.statcan.gc.ca/n1/pub/26-669-x/2023001/article/00001-eng.htm>

³ See Food price Report (page 6)

⁴ <https://www150.statcan.gc.ca/n1/pub/26-669-x/2023001/article/00001-eng.htm>

⁵ <https://www150.statcan.gc.ca/n1/pub/26-669-x/2023001/article/00001-eng.htm>

⁶ <https://www150.statcan.gc.ca/n1/pub/26-669-x/2023001/article/00001-eng.htm>

The Context: Limits of Government Action



Due to the complex mix of factors driving food price inflation – from the lingering effects of the COVID-19 pandemic on supply chains, to impacts of climate change and extreme weather on agriculture, to international conflicts limiting global crop production, and persistently high general inflation – no single actor in the food and beverage sector can resolve inflation on their own. However, the public's concern is clearly pushing governments to act.

For instance, recent polling shows that reducing the cost of everyday items like groceries is the top concern of 49% of Canadians, and an issue they think elected representatives should focus on⁷, while cost of living is a top-three issue for 72% of Canadians.⁸

Governments' recent actions on this issue show urgency and some successes. However, the tools at governments' disposal will not be able to address all the macroeconomic and global trends that will persist in driving up grocery prices. For example, consider the following ways Canadian governments have acted to attempt to control increasing food costs, and the corresponding limits on the success of those actions.

- 1. Labour availability:** Changes by the Federal government to the immigration and temporary foreign worker systems, to better meet the needs of Canada's food and beverage producers, especially during the COVID-19 pandemic, were impactful. Further government collaboration with industry partners – such as the Canadian Agricultural Human Resource Council, Food and Beverage Canada, and Food Processing Skills Canada – could result in stronger sectoral labour strategies. However, given Canada's aging population, low birth rate, and the recent reduction in previously planned immigration and temporary foreign worker levels⁹, labour availability will remain a pain point for the food and beverage sector.

⁷ [https://www.cbc.com/news/politics/government-priorities-1.6544444](#)

⁸ [https://www.cbc.com/news/politics/government-priorities-1.6544444](#)

⁹ [https://www.cbc.com/news/politics/government-priorities-1.6544444](#)

¹⁰ [https://www.cbc.com/news/politics/government-priorities-1.6544444](#)

¹¹ [https://www.cbc.com/news/politics/government-priorities-1.6544444](#)

- 2. Supply chain challenges:** Struggles with food supply chain challenges for distribution of food inputs and final products in our large, sparsely populated, and northern country are not new, and were exacerbated by the effects of the COVID-19 pandemic. The National Supply Chain Task Force could drive a more coordinated Federal approach to that issue. But, the geography of Canada will not change, and will continue to impede food distribution.
- 3. Competition:** Canada's grocery sector is dominated by five companies, with all other competitors holding just over 20% of market share¹⁰. The federal government is considering competition measures to change that situation. And, in July 2021, the Federal, Provincial, and Territorial Ministers of Agriculture called for an industry-led process to improve supplier and retailer relationships. Finally, the entire sector is working towards a voluntary industry Code of Conduct. But, greater intra-sector harmony and more competition, while both good objectives, will not solve all Canada's food affordability challenges.

The Solution: In-Sector Innovation



Ultimately, innovation within Canada's food and beverage sector – strategically supported by governments and industry-convening bodies – will be essential to controlling food prices and reducing food insecurity in the long-term. Given that 70% of the food consumed in Canada is grown and processed here¹¹, there is a clear opportunity for innovation to impact the entire supply chain. Specifically, the creation and adoption of innovations in product development, food processing technology, supply chain management, and waste reduction must be accelerated in order to improve the conditions that set food prices in Canada.

For our part, since 2021, CFIN has focused on creating a network that is now accelerating technology adoption and innovation spanning novel ingredients, waste recovery solutions, AI, digital and robotic technologies, and more. While many of our projects are still midstream, early success stories – including those outlined below – illustrate that continued investment will have positive impacts for consumers, producers, and retailers.

Innovation Opportunity #1: Labour Challenges and Rising Input Costs

Consumer food prices are driven in large part by the cost and availability of the required labour and ingredients required to produce and distribute food.

Canadian food and beverage business leaders commonly lament a lack of access to the necessary workforce and skills required to meet their production goals. For example, the Canadian Agricultural Human Resource Council (CAHRC) recently found that Canada's food and beverage sector is short 50,000 employees and that 66,800 retirements are expected in the sector by 2030. Those job vacancies have substantial, negative economic impacts. The CAHRC research revealed that a single open position in the food and beverage sector costs a business as much as \$190 per day in lost net revenue. To extrapolate, that means losses from vacancies in the sector could have been a staggering \$9.9 million in net revenue per day or \$3.6 billion per year in 2020¹².

Similarly, the Canadian Federation of Agriculture and Food and Beverage Canada found that food and beverage manufacturers are, on average, short 25% of their workforce. This means:

“ *Labour access is the most acute issue impacting the food and beverage manufacturing sector. While older, traditional policy tools, like federal-provincial labour tables and welcoming temporary foreign workers, can help the industry address immediate labour shortfalls, they cannot fully account for shifting demographics and the aging workforce. The systemic and chronic labour shortfalls in our sector require an innovation-based approach – such as the businesses and stakeholder ecosystem that CFIN is fostering – to drive technological innovation in a way that complements and builds workers skills, and empowers them to be more productive.* ”

-- Kristina Farrell, Chief Executive Officer, Food and Beverage Canada

Clearly, labour challenges impact productivity for Canada's food processors and cost consumers in Canada, but innovations such as automation, robotics, and digitization can be used to provide relief.

CFIN Member Spotlight:

- ▶ **Laplace Robotics** deploys artificial intelligence to enhance the functionality of robotic and vision systems on manufacturing lines. Their solutions offer production insights and recommendations, allowing food manufacturers to make data-driven decisions that enhance productivity. They are also deploying AI to improve the performance of advanced manufacturing systems. In a very labour-constrained sector, Laplace's innovations improve food product quality at high production speeds which improves productivity, creating savings that can be passed along to consumers provides in-store.
- ▶ **DeepSight Réalité Augmentée** deploys augmented reality technology to accelerate learning and training in the food processing and foodservice sectors. Their platform enables 3D instruction guides that are superimposed on the work environment (when wearing smart glasses). The solution drives skills training and maintenance in the food and beverage sector, by allowing for comprehensive, more rapid training of new employees and upskilling of experienced workers – which is essential for business continuity in food processing plants that are facing a wave of retirement in the near future.

 Laplace Robotics


DeepSight

Recently, many food ingredient staples used in Canadian food processing have been subject to rampant inflation. For example, the global price of cocoa doubled to \$7,060 per metric ton between March 2023 and March 2024, surpassing the previous price highwater mark of \$5,110¹³. Ingredient and packaging costs are invariably passed along the food and beverage supply chain, and ultimately impact consumers. Fortunately, innovation in areas like novel ingredients can offer real cost saving solutions to Canada’s food manufacturers.

CFIN Member Spotlight

➤ **Crush Dynamics Inc.** uses innovative fermentation processes to upcycle wine-making byproducts and agricultural waste to produce a high-performance food ingredient in the form of a powder that enhances food quality by enabling 50% sugar reduction, 80% sodium reduction, improved texture, and increased product shelf-life. This single ingredient provides substantial cost savings to both producers and consumers by shortening ingredient lists and providing a 90% input cost reduction.



¹³ <https://www.reuters.com/markets/commodities/cocoa-2024-03-08/>
¹⁴ <https://www.reuters.com/markets/commodities/cocoa-2024-03-08/>

Innovation Opportunity #2: Shelf Life and Food Waste

The World Food Program found that, globally, one third – or roughly 1.17 billion tonnes – of food produced for humans is wasted each year. That waste occurs to varying degrees at every point on the food supply chain – from harvester to consumer. About 58% of the food produced in Canada is lost to the landfill¹⁴, so our share of that problem is substantial and has serious consequences. For example, lost food in Canada is worth \$49 billion, and could feed every Canadian for five months¹⁵.

Meanwhile, food releases large amounts of methane, and estimates suggest that 8 to 10% of global greenhouse gas emissions (GHGs) are associated with wasted food¹⁶. In Canada alone, over 56 million tons of GHGs are generated annually by food waste – the equivalent of 17 million gas-powered vehicles¹⁷. Thankfully, new innovations are eliminating food waste that was long thought unavoidable.

“ Clearly, food waste is a big problem – for consumers, the planet, and industry. The Canadian food and beverage sector is working to reduce waste from farm to fork, including by finding innovative ways of addressing waste in manufacturing and production processes. But, due to the huge scale of the issue, Canada needs to leverage innovation to create new manufacturing processes, recycling and re-use options, and food preservation techniques to truly change the waste dynamic. The innovation ecosystem that CFIN is creating is already supporting companies that are fulfilling that need and will help scale them across the Canadians, ”

-- Michael Graydon, Chief Executive Officer,
Food, Health & Consumer Products of Canada

CFIN Member Spotlight:

🌟 **Plan Automation** developed and launched the first X-ray reclaim facility catering to food and beverage manufacturers. The Plan system allows manufacturers to thoroughly inspect by X-ray a production batch they believe may be contaminated and thus unfit for consumption. Their targeted approach clearly identifies contaminants and isolates them, thus reducing food waste and product loss. Since launching in 2023, Plan has inspected over 10 million kilograms of product, significantly diverting unnecessary waste from landfill and recouping product worth millions.



Beyond wasted food itself, it's undeniable that modern food distribution requires significant amounts of – often plastic – packaging. While optimal packaging decisions are difficult, that amount of waste has undeniably negative outcomes. For example, every year, an estimated 227 million kilograms of plastic food packaging is sent to Canadian landfills¹⁸. In a context where some provinces are running out of landfill capacity¹⁹, that practice is untenable.

🌟 **Food Cycle Science Corporation** is developing enzymes to rapidly degrade biodegradable plastics and transform them, along with food waste, into a beneficial soil additive that reduces reliance on artificial fertilizers. This "one-bin" system will be able to process food waste and bioplastics together, accelerate the adoption of bioplastics and help eliminate single-use and non-durable goods from the food service industry.



Innovation Opportunity #3: Commercial Dynamics in the Food and Beverage Sector

With over 7,600 food and beverage processors operating in Canada, we have a diverse and enviable source of locally produced food. However, because the vast majority of those companies are small or medium-sized businesses (roughly 91% of them employing fewer than 100 employees)²⁰ they often lack the resources of larger brands who have entire teams devoted to innovation adoption and competitive price analysis. These smaller companies often struggle to keep up with the latest technologies and to price products dynamically, which, in an industry with very tight profit margins, can be the difference between surviving and thriving.

Increasingly, new vision and AI technologies are being developed to collect and aggregate data to improve the accuracy of the information available to smaller food processors, so they can optimize production methods and achieve efficiencies which reduce throughput costs and price products correctly. Each dollar saved within these supply chain processes can prevent future food price increases.

CFIN Member Spotlight:

- ▶ **Vivid Machines** is demonstrating a new supply chain solution that will integrate data gathered at the apple orchard to forecast the annual volume and quality of apples that will be produced. Currently, fresh fruit supply must be estimated by industry actors like growers, packhouses, and marketers. Vivid's system provides a platform for all points on the fruit supply chain to understand that year's crop and collaborate on fulfilling orders and managing processing plant volumes using accurate and predictable yield data.
- ▶ **BetterCart Analytics** is building technology and an analytics platform that provides advanced price analytics and competitive pricing intelligence to food producers, manufacturers, and sellers of all sizes. Through automated insights, the platform can guide strategic decision-making, increase profit margins and market share, and create more holistic, transparent relationships between retailers and brands.



¹⁶ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

¹⁷ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

¹⁸ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

¹⁹ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

²⁰ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

²¹ <https://www.cbc.ca/news/technology/ai-food-1.5444444>

²² <https://www.cbc.ca/news/technology/ai-food-1.5444444>

The Role of CFIN

Creating an Innovation Culture and Support System

In 2018, a *Report of Canada's Economic Strategy Tables: Agri-food*, determined that Canada should invest in innovation and boost competitiveness within the food and beverage sector, particularly through increased automation and digitization²¹. Over five years later, innovation investment and activity levels in Canada's agri-food sector are improving but still not high enough – and CFIN is working hard to change that!

Since forming in April 2021, CFIN has stepped in to fill those gaps and bring a national focus to food innovation, supporting Canada's food and beverage sector with a mission to better connect those working in the sector, stimulate transformative innovation, and ultimately boost the economy.

As CFIN laid out its central mandate and built the organization, its leadership noted the need for a “networked centre or hub for food innovation that would connect existing-food innovation centres to help firms of all sizes test new products and production techniques as well as make better use of technologies and applied research so they can scale up, develop new products and processes, and sell to new consumers.” CFIN has been successful in building and serving a rapidly growing network, with over 4,500 members across the country as of April 1, 2024, representing all of the critical aspects of the supply chain required to drive successful innovation. However, CFIN is just getting started, and is working towards further unlocking the sector's potential by scaling membership to over 20,000 by 2030. This network is an institutional imperative for the sector whose members are embracing the opportunity to share knowledge and collaborate to break down innovation barriers.

CFIN has also taken a leading role in providing critical project support to stimulate innovative Canadian companies developing new technology in the sector. Their success in that regard is exemplified by many of the product studies in this White Paper. With a focus on food waste and circularity, efficient use of resources, next generation ingredients and food, automation, data and artificial intelligence, packaging and retail, CFIN catalyzes growth and breaks through barriers at critical commercialization stages.

CFIN Membership At-A-Glance



12% work in anchor firms (with more than 500 FTEs).



23% work in SMEs (with 20-49 FTEs).



26% are Food & Beverage Manufacturers.



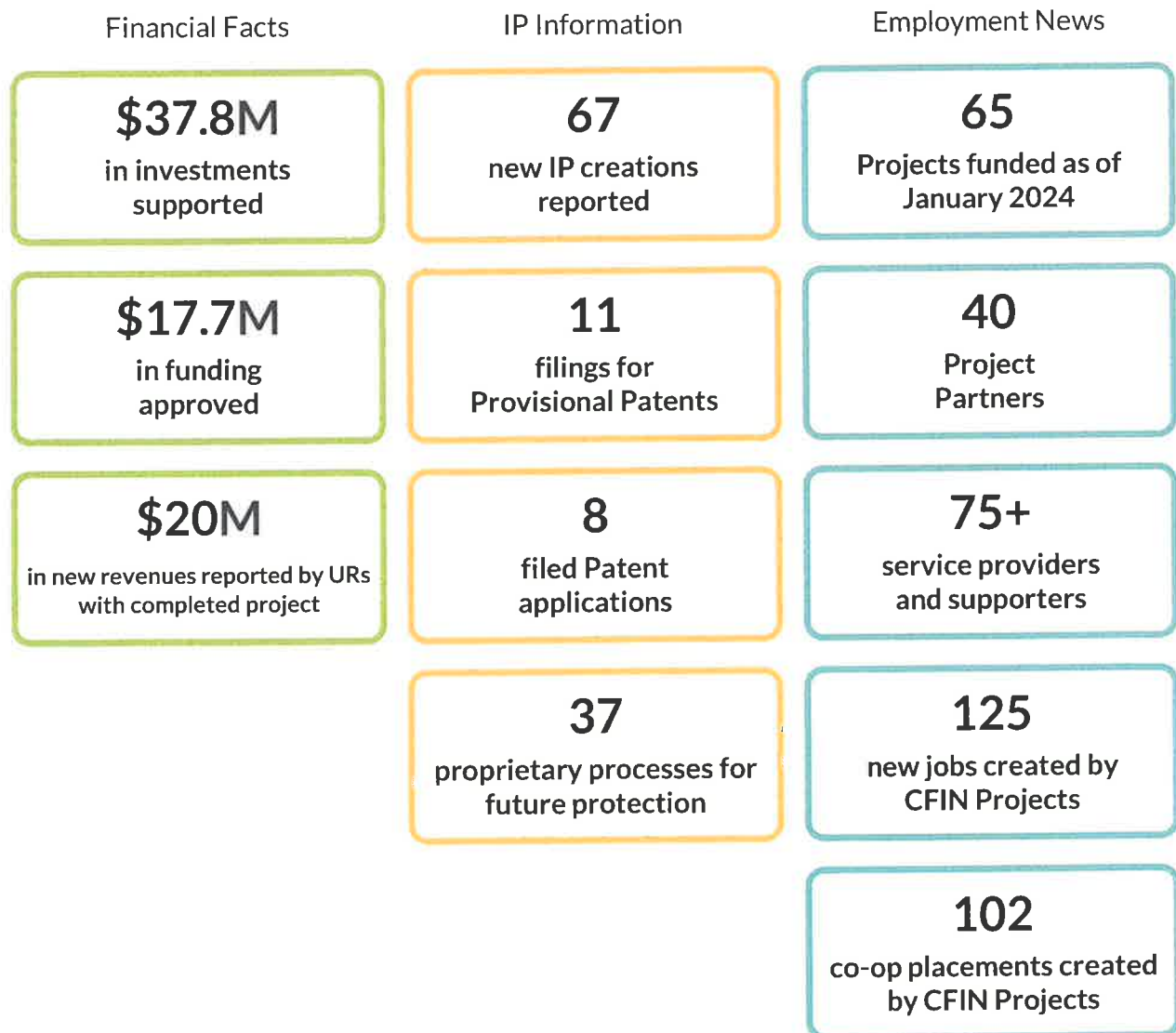
13% work in Foodtech.

“ Working with the Canadian Food Innovation Network has been lovely. Their funding has obviously been a huge support. But, the network that they’re cultivating and the introductions that they’ve made, how they, individually, just care a lot about what we’re doing and what we’re accomplishing here, makes all the difference. I would encourage anyone who’s not a part of the CFIN / YODL network to join, and reach out to their local CFIN representative, because it’s an amazing organization to be a part of. ”

-- Lesley Thompson, Vice President, Sustainability and Communication,
Food Cycle Science

The numbers demonstrate the immense role CFIN has taken within the Canadian food innovation landscape, as we empower leading Canadian food innovation companies:

Program Reporting Data: June 2021 to January 2024



◆ Data as of January 2024. Results achieved with ~\$5.5M in actual funds disbursed on approved projects with Ultimate Recipients.

Join the Community



CANADIAN
FOOD INNOVATION
NETWORK 

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ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

AR114112

May 21, 2024

Reeve Stanley Schulmeister
County of Paintearth
PO Box 509
Castor AB T0C 0X0

Dear Reeve Schulmeister:

Further to the information on Local Government Fiscal Framework (LGFF) funding announced on December 15, 2023, I am pleased to provide correspondence for your record confirming the 2024 LGFF Capital and LGFF Operating allocations for your community.

For the County of Paintearth:

- The 2024 LGFF Capital allocation is \$1,069,592.
 - This includes \$179,850 in needs-based funding allocated to local governments with a population less than 10,000 and a limited local assessment base.
- The 2024 LGFF Operating allocation is \$261,004.

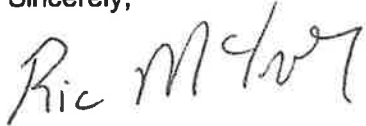
LGFF Capital is a legislated program aimed at providing local governments with substantial notice of their future infrastructure funding. As indicated on the program website, in 2025, your community will be eligible for \$1,217,509. Information on 2026 LGFF Capital allocations will be shared with local governments this fall, after growth in provincial revenues between 2022/23 and 2023/24 has been confirmed and applied to calculate 2026 program funding. LGFF Capital amounts will be published annually on the program website each fall.

Further information on LGFF funding for all local governments is available on the LGFF website at www.alberta.ca/LGFF.

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The LGFF program represents the culmination of significant work between the Government of Alberta and local governments across the province, and I am pleased the program will further our partnership in building Alberta communities together. I look forward to working with your community, and every local government across Alberta, as we continue to build strong and prosperous communities together.

Sincerely,

A handwritten signature in black ink that reads "Ric McIver". The signature is written in a cursive style with a large, stylized "R" and "M".

Ric McIver
Minister

cc: Michael Simpson, Chief Administrative Officer, County of Paintearth

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ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

May 24, 2024

Dear Chief Elected Official

As you are aware, I recently introduced Bill 20: the Municipal Affairs Statutes Amendment Act, 2024 which proposes to modify two key pieces of legislation for Alberta municipalities – the Municipal Government Act (MGA) and the Local Authorities Election Act (LAEA). The proposed legislation will help municipalities accelerate housing development, strengthen provincial oversight, and update the rules for local elections and locally elected officials.

Firstly, I want to recognize the passionate and constructive feedback I have received from the many mayors, reeves, councillors, and school board trustees across the province over the past few weeks. Your involvement and ardent commentary are a testament to your good work as public servants.

I've heard your concerns and at the May 23, 2024, Committee of the Whole, amendments to Bill 20 were tabled to further clarify the intent of this bill and ensure that locally elected municipal governments will continue to govern in response to the priorities and interests of their residents.

Bill 20 will maintain the municipal ability to govern affairs within local jurisdiction while allowing Cabinet to step in when municipal bylaw crosses into provincial jurisdiction. This will ensure that municipal councils remain focused on municipal issues that their constituents elected them to address. Cabinet's authority to intervene in municipal bylaws will be considered as a last resort; I anticipate that this power will be used very rarely, if ever. As you may know, the ability for the provincial government to repeal or amend bylaws, or dismiss councillors is not new, as municipalities receive their authority from the provincial government as laid out in Canada's Constitution and Alberta's MGA. While Bill 20 proposes to update the process for the provincial government to act more quickly in extenuating, urgent circumstances, these are not new powers.

These amendments will provide additional guardrails for when municipal bylaws can be repealed through the Cabinet process, and remove the direct ability for Cabinet to dismiss a councillor. Cabinet would retain the authority to have a vote of the electors on the potential removal of a councillor, putting this choice back into the hands of the voters.

We have also received a number of questions about some of the changes to the LAEA regarding fundraising. Bill 20 will also increase transparency in campaign financing. Under the old rules, the LAEA only regulated Third Party Advertisers (TPAs) who advertised for the promotion or opposition of a candidate during an election, with donations to such entities limited to a maximum of \$30,000 for all individuals, unions, and corporations. The proposed changes require TPAs who are interested in an issue (rather than a specific candidate) to register and report their finances. We are further proposing to restrict contributions to \$5,000, and for

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contributions to only be made by Albertans, Alberta companies, or Alberta unions. We are also proposing to further develop expense limits in the regulations.

Currently, municipal candidates are able to organize into political parties or slates without any rules around their organization. Adding rules around political parties will increase transparency for electors. Bill 20 will provide rules around enabling local candidates to identify with local political parties without direct affiliation to provincial or federal parties. I have publicly stated my intention to implement the option to include municipal political party affiliation on ballots only in the cities of Edmonton and Calgary. I will also note that any that no candidate will be required to join a political party - they will always remain voluntary and local.

I will continue to consider feedback as I bring Bill 20 through the legislative process. Alberta's government remains committed to fairness and due process and will continue working with local authorities to ensure Albertans have the effective local representation they deserve. Should the legislation pass, Municipal Affairs will be engaging with municipalities and stakeholders over the coming months to explain the changes Bill 20 will require at a local level, and develop regulations as required.

Please find enclosed the Bill 20 Fact Sheet, which can be found on the Government of Alberta website. This document offers clarifications on what Bill 20 means for municipalities and how the changes will impact municipal governments. For more information, please visit: www.alberta.ca/strengthening-local-elections-and-councils.

Sincerely,



Ric McIver
Minister

Attachment: Bill 20 – Fact Sheet

Bill 20 – Municipal Affairs Statutes Amendment Act, 2024 (AMENDED)

The proposed *Municipal Affairs Statutes Amendment Act, 2024*, would make changes to two key pieces of municipal-related legislation: the *Local Authorities Elections Act (LAEA)* and the *Municipal Government Act (MGA)*.

- The **LAEA** establishes the framework for the conduct of elections in Alberta municipalities, school divisions, irrigation districts, and Metis Settlements.
- The **MGA** establishes the rules governing the conduct of local elected officials once on council, as well as the overall administration and operation of municipal authorities in Alberta.

On May 23, 2024, amendments were tabled to more clearly outline the authorities to dismiss a councillor and repeal a bylaw.

Changes to local election rules under the LAEA

Proposed changes to the *LAEA* aim to add greater transparency to and trust in local election processes.

Description of Proposed Changes	Current Status
Align candidate eligibility criteria with councillor disqualification criteria in the <i>MGA</i> .	Candidates elected to council may face immediate disqualification due to misalignment with the <i>MGA</i> 's criteria.
Allow municipalities to require criminal record checks for candidates.	No provisions in place.
Allow union and corporate donations to local candidates, with the same donation limits as individual donors (\$5,000 per municipality per year).	Unions and corporations were prohibited from donating to municipal campaigns in the 2021 campaign.
Allow donations outside the local election year and require annual reporting of donations.	Donations outside of the campaign period (January 1 to December 31 in the year of a general election) were restricted to a maximum of \$5,000 per year.
Require third-party advertisers interested in plebiscites to register and report finances. Only Albertans, Alberta companies and Alberta unions can contribute to issues-based third-party advertisers, up to a maximum of \$5,000.	The <i>LAEA</i> only regulates third-party advertising for the promotion or opposition of a candidate during an election. There is no reference to issue-based advertising.
Limit donations to third party advertisers to \$5,000 per election period, which begins May 1 of the election year.	The current donation limit is \$30,000 for all individuals, unions, and corporations.
Enable regulation-making authority to define local political parties. This approach will be piloted in Calgary and Edmonton.	No provisions in place to regulate political parties at the local level.
Repeal the municipal authority to develop a voters list.	Municipalities can prepare a voters list, which must be shared with all candidates.
Require municipalities to use the most current provincial register of electors from Elections Alberta.	A permanent electors register is an internal document that assists with the conduct of an election. Municipalities can choose to develop one or not.
Expand the use of special ballots while strengthening special ballot processes.	Special ballots can only be requested for very specific reasons, including physical disability, absence from the municipality, or for municipal election workers.
Limit vouching to the ability to vouch for someone's address.	An elector can vouch for an individual's age, residence, and identity.
Repeal the ability for a candidate's official agent or scrutineer to object to an elector.	Candidate's official agents or scrutineers can object to an elector; however, the elector can still vote.
Enable regulation-making authority to postpone elections in emergencies.	No provisions in place to enable the Minister to postpone an election in the event of a natural disaster.

Prohibit automated voting equipment, such as electronic tabulators.	The LAEA permits municipalities, by bylaw, to process ballots by automated voting equipment.
Require recounts if requested by a candidate when the margin is within 0.5 percent of total votes.	Returning officers have discretion regarding recounts.
Clarifying rules and streamlining processes for scrutineers.	Concerns have been raised that the rules for scrutineers are not clear.

Strengthening the accountability of local councils under the MGA

Proposed changes to the MGA will help ensure local councils and elected officials are mindful of the common interests of Albertans and held to greater account by the citizens who elected them.

Description of Proposed Changes	Current Status
Require a councillor's seat to become vacant upon disqualification.	Municipal councils or electors can only remove a disqualified councillor through the courts if they refuse to vacate their seat.
Require mandatory orientation training for councillors.	Training for councillors must be offered, but there is no requirement for the councillor to attend the training.
AMENDED: Allow Cabinet to remove a councillor by ordering a vote of the electors to determine whether the councillor should be removed. An elector vote to remove a councillor is limited to councillors who Cabinet consider to be unwilling, unable, or refusing to do the job for which they were elected, or if Cabinet considers such a vote to be in the public interest by taking into consideration illegal or unethical behaviour by a councillor.	Minister can only remove a sitting councillor through the municipal inspection process and only under very specific circumstances.
Allow elected officials to recuse themselves for real or perceived conflicts of interest.	Elected officials can only recuse themselves for matters in which they have a financial interest.
Make the Minister responsible for validating municipal recall petitions.	A municipality's chief administrative officer is responsible for validating recall petitions.
AMENDED: Enable Cabinet to require a municipality to amend or repeal a bylaw given specific requirements are met that allow Cabinet to intervene (including: the bylaw exceeds the scope of the MGA or otherwise exceeds the authority granted to a municipality under the MGA or any other statute, conflicts with the MGA or any other statute, is contrary to provincial policy, or contravenes the Constitution of Canada).	Cabinet may only intervene with respect to a land use bylaw or statutory plan. No provisions exist.
Give Cabinet authority to direct a municipality to take specific action to protect public health and/or safety.	
Allow the Minister to outline joint use planning agreement criteria and requirements.	All criteria for these agreements are currently in the MGA.
Specify that the assessed person for an electric generation system is the operator.	There is a lack of clarity regarding who should be assessed for electrical generation systems.

Accelerating housing development under the MGA

Affordable and attainable housing has become one of the most urgent concerns across the country, and Alberta's government is constantly searching for innovative ways to meet this challenge, including new tools for municipalities to leverage under the MGA.

Description of Proposed Changes	Current Status
Require municipalities to offer digital options for public hearings on planning and development and restrict them from holding extra hearings when not required by legislation.	No requirements in place for digital options. Municipalities can hold extra hearings beyond what's legislated.

Description of Proposed Changes	Current Status
Fully exempt non-profit subsidized affordable housing from property taxation.	No provisions in place.
Enable multi-year residential property tax incentives.	Municipalities may offer multi-year incentives for non-residential development, but not residential development.
Limit the ability of municipalities to require non-statutory studies as requirements for building and development permits.	No provisions in place.

Next steps

Should the legislation pass, supporting regulations would be developed through stakeholder engagement with municipalities and other partners, which is expected to take place in late spring and summer of 2024. If passed, it is anticipated that the majority of the legislation would come into force upon proclamation. Provisions that have property tax implications retain a January 1, 2025, coming into force date.

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ALBERTA
MUNICIPAL AFFAIRS

*Office of the Minister
MLA, Calgary-Hays*

AR114475

May 10, 2024

Reeve Stanley Schulmeister
County of Paintearth
PO Box 509
Castor AB T0C 0X0

Dear Reeve Schulmeister:

Thank you for applying to the Provincial Education Requisition Credit (PERC) program. The Government of Alberta acknowledges the challenges municipalities face with unpaid education taxes from delinquent oil and gas properties. Our government is therefore committed to supporting municipalities by providing a tax credit to offset these uncollectable education taxes through the PERC program.

The Honourable Demetrios Nicolaides, Minister of Education, and I have considered your PERC application, and I am pleased to inform you that your application has been approved. An adjustment of \$54,337 will be credited to your June 2024 Alberta School Foundation Fund requisition invoice.

Our government will continue working in collaboration with stakeholders to ensure oil and gas companies pay their fair share of taxes that municipalities rely on for effective and efficient local service delivery to Albertans. I appreciate your continued partnership with government on this matter.

Sincerely,

Ric McIver
Minister

cc: Honourable Demetrios Nicolaides, Minister of Education
Honourable Nate Horner, MLA, Drumheller-Stettler
Michael Simpson, Chief Administrative Officer, County of Paintearth