



MUNICIPAL DISTRICT OF GREENVIEW No. 16

REGULAR AGRICULTURAL SERVICE BOARD MEETING AGENDA

Wednesday, November 30, 2022

9:30 AM

Council Chambers
Administration Building
Valleyview, AB

#1	CALL TO ORDER		
#2	ADOPTION OF AGENDA		
#3	MINUTES	3.1 Organizational Meeting Minutes held Wednesday, October 26, 2022	3
		3.2 Regular Agricultural Service Board Meeting minutes held Wednesday, October 26, 2022, to be adopted.	6
		3.2 Business Arising from the Minutes	
		3.3 Action Items	10
#4	DELEGATION	4.0 No Delegations	
#5	BUSINESS	5.1 ASB Meeting Schedule	12
		5.2 Fox Creek Weed Control	14
		5.3 Satellite Compensation	17
		5.4 2023 Strategic Business Plan	19
		5.5 Notice of Motion; Wolf Incentive and Beaver Bounty	42
		5.6 Provincial Field Visit	63
		5.7 Barbeque	78

5.8 Manager's Report

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#6 MEMBERS REPORTS

- Chair Warren Wohlgemuth
- Vice Chair Shelley Morrison
- Deputy Reeve Bill Smith
- Councillor Dave Berry
- Member Richard Brochu
- Member Joshua McMillan

Member Mark Pellerin

#7 CORRESPONDENCE

- November 9, 2022 - Water Equivalency Maps
- Provincial ASB Conference, January 17-19
- Peace Country Beef Congress, January 6th+7th
- Crossroads Conference, January 24+25
- Beef Industry Conference, February 22+23

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#8 ADJOURNMENT

Minutes of a
**ORGANIZATIONAL AGRICULTURAL SERVICE BOARD MEETING
MUNICIPAL DISTRICT OF GREENVIEW NO. 16**

Greenview Administration Building,
Valleyview, Alberta, on Wednesday, October 26, 2022

1
CALL TO ORDER Manager, Agricultural Services, Sheila Kaus called the meeting to order at 9:29am

PRESENT

A.S.B. Member - Chair	Warren Wohlgemuth
A.S.B. Member – Vice Chair	Shelley Morrison
A.S.B. Member – Deputy Reeve	Bill Smith
A.S.B. Member – Councillor	Dave Berry
A.S.B. Member	Joshua McMillan
Manager, Agriculture Services	Sheila Kaus
Recording Secretary	Chelsea McDonald

ABSENT

A.S.B. Member Richard Brochu
A.S.B. Member Mark Pellerin

#2
AGENDA

MOTION: 22.10.113 Moved by MEMBER SHELLEY MORRISON:
That the Agricultural Service Board adopt the October 26, 2022 Organizational Agricultural Service Board Meeting Agenda as presented.
CARRIED

#3.0
NOMINATION OF CHAIR

NOMINATION FOR CHAIR

Manager, Agricultural Services, Sheila Kaus, called for nominations for the election of Agricultural Service Board Chair.

Shelly Morrison nominated Warren Wohlgemuth

Manager, Agricultural Services, Sheila Kaus, called for a second time for nominations for the election of Agricultural Service Board Chair.

None were heard.

Manager, Agricultural Services, Sheila Kaus, called for a third time nominations for the election of Agricultural Service Board Chair.

None were heard.

**CEASE
NOMINATIONS
FOR CHAIR**

MOTION: 22.10.114 Moved by: DEPUTY REEVE BILL SMITH
That the Agricultural Service Board cease nominations for the Agricultural Service Board Chair.

CARRIED

**APPOINTMENT OF
CHAIR**

MOTION: 22.10.115 Moved by: DEPUTY REEVE BILL SMITH
That the Agricultural Service Board appoint Warren Wohlgemuth as the Chair of the Municipal District of Greenview No. 16 Agricultural Service Board until the next annual Organizational Meeting.

CARRIED

Manager, Agricultural Services, Sheila Kaus declared **MEMBER WARREN WOHLGEMUTH** as the elected Chair of the Agricultural Service Board until the next Organizational Meeting and Warren Wohlgemuth assumed the Chair. Manager, Agricultural Services, Sheila Kaus passed the meeting to Chair Warren Wohlgemuth.

**#4.0
NOMINATION OF
VICE-CHAIR**

NOMINATION FOR VICE-CHAIR

Chair Warren Wohlgemuth, called for nominations for the election of Agricultural Service Board Vice-Chair.

A.S.B. Member – Deputy Reeve Bill Smith nominated Shelly Morrison

Chair Warren Wohlgemuth, called a second time for nominations for the election of Agricultural Service Board Vice-Chair.

None heard

Chair Warren Wohlgemuth, called for a third time nominations for the election of Agricultural Service Board Vice-Chair.

None heard

**CEASE
NOMINATIONS
FOR VICE-CHAIR**

MOTION: 22.10. 116 Moved by: DEPUTY REEVE BILL SMITH
That the Agricultural Service Board cease nominations for the Agricultural Service Board Vice-Chair.

CARRIED

Recessed meeting at 9:35am due to technical issues
Reconvened meeting at 9:45am

**APPOINTMENT OF
VICE-CHAIR**

MOTION: 22.10.117 Moved by: COUNCILLOR DAVE BERRY

That the Agricultural Service Board appoint Shelley Morrison as the Vice-Chair of the Agricultural Service Board until the next annual Organizational Meeting.

CARRIED

Chair Warren Wohlgemuth declared Shelly Morrison as the Vice-Chair for the Agricultural Service board until the next Organizational Meeting.

#6
ADJOURNMENT

6.0 ADJOURNMENT

MOTION: 22.10.118 Moved by: Chair Warren Wohlgemuth

That this Organizational Agricultural Service Board meeting adjourn at 9:47am

CARRIED

MANAGER, AGRICULTURE SERVICES

ASB CHAIR

Minutes of a
REGULAR AGRICULTURAL SERVICE BOARD
MUNICIPAL DISTRICT OF GREENVIEW NO. 16
Greenview Administration Building,
Valleyview, Alberta, on Wednesday, October 26, 2022

- #1**
CALL TO ORDER Chair Warren Wohlgemuth called the meeting to order at 9:48am
- PRESENT**
- | | |
|------------------------------|-------------------|
| A.S.B. Member - Chair | Warren Wohlgemuth |
| A.S.B. Member – Vice Chair | Shelley Morrison |
| A.S.B. Member – Deputy Reeve | Bill Smith |
| A.S.B. Member – Councillor | Dave Berry |
| A.S.B. Member | Joshua McMillan |
- ATTENDING**
- | | |
|-------------------------------|------------------|
| Manager, Agriculture Services | Sheila Kaus |
| Recording Secretary | Chelsea McDonald |
- ABSENT**
- | | |
|---------------|----------------|
| A.S.B. Member | Richard Brochu |
| A.S.B. Member | Mark Pellerin |
- #2**
AGENDA MOTION: 22.10.119 Moved by: VICE CHAIR SHELLEY MORRISON
That the Agricultural Service Board adopt the October 26, 2022, Regular
Agricultural Service Board Meeting Agenda as presented.
CARRIED
- #3.1**
REGULAR
AGRICULTURAL
SERVICE BOARD
MEETING MINUTES MOTION: 22.10.120 Moved by: DEPUTY REEVE BILL SMITH
That the Agricultural Service Board adopt the minutes of the Regular Agricultural
Service Board Meeting held on Wednesday, October 5, 2022, as amended.

A.S.B. Member Joshua McMillan noted item 4 requires a spelling correction on the
word Deligation to Delegation.

CARRIED
- #3.2**
BUSINESS ARISING
FROM MUNUTES **3.2 BUSINESS ARISING FROM MINUTES**
- #3.3**
ACTION ITEMS **3.3 ACTION ITEMS**
- MOTION: 22.10.121 Moved by: COUNCILLOR DAVE BERRY
That the Agricultural Service Board accept the Action Items, as presented.
CARRIED

#4.0
DELEGATION

4.0 DELEGATIONS

4.1 PEACE COUNTRY BEEF AND FORAGE ASSOCIATION 2022 PRESENTATION

#4.1
PEACE COUNTRY
BEEF AND FORAGE
ASSOCIATION 2022
PRESENTATION

MOTION: 22.10.122 Moved by: CHAIR WARREN WOHLGEMUTH
That the Agricultural Service Board accept the presentation detailing the 2022 activities of Peace Country Beef and Forage for information, as presented.

CARRIED

Chair Warren Wohlgemuth recessed the meeting at 10:57am
Chair Warren Wohlgemuth reconvened the meeting at 11:06am

4.2 SARDA 2022 PRESENTATION

#4.2
SARDA 2022
PRESENTATION

MOTION: 22.10.123 Moved by: VICE CHAIR SHELLEY MORRISON
That the Agricultural Service Board accept the presentation detailing the 2022 activities of SARDA for information, as presented.

CARRIED

Chair Warren Wohlgemuth recessed the meeting at 12:00pm
Chair Warren Wohlgemuth reconvened the meeting at 12:33pm

#5.0
BUSINESS

5.0 BUSINESS

5.1 Weed Free Forage

#5.1
WEED FREE FORAGE

MOTION: 22.10.124 Moved by: MEMBER JOSHUA MCMILLAN
That the Agricultural Service Board approve the Greenview Weed Free Forage Minimum Standard Certification as an option for Greenview producers, with the understanding this certification will only be recognized within Greenview, while still permitting the NAISMA Weed Free Forage certification should producers choose to participate.

CARRIED

5.2 Decision of Compound 1080

#5.2
DECISION OF
COMPOUND 1080

MOTION: 22.10.125 Moved by: COUNCILLOR DAVE BERRY
That the Agricultural Service Board accept the report on the Proposed Re-evaluation Decision of Compound 1080 for information, as presented.

CARRIED

#5.2B

MOTION: 22.10.126 Moved by: COUNCILLOR DAVE BERRY

That the Agricultural Service Board direct Administration to draft a letter in support of continuing 1080, to be sent to the Pest Management Regulatory Agency. If needed, as decided by the Agricultural Service Board, via consensus through email.

CARRIED

5.3 MANAGER'S REPORT

#5.3
MANAGER'S
REPORT

MOTION: 22.10.127 Moved by: COUNCILLOR DAVE BERRY

That the Agricultural Service Board accept the Managers' report, as presented

CARRIED

#6 MEMBERS'
BUSINESS &
REPORTS

6.0 MEMBERS' BUSINESS & REPORTS

ASB MEMBERS
REPORTS

CHAIR WARREN WOHLGEMUTH updated the Agriculture Service Board on his recent activities, which include;

- No report

VICE CHAIR SHELLEY MORRISON updated the Agriculture Service Board on her recent activities, which include;

- No report

DEPUTY REEVE BILL SMITH updated the Agriculture Service Board on his recent activities, which include;

- No report.

COUNCILLOR DAVE BERRY updated the Agriculture Service Board on his recent activities, which include;

- No report

MEMBER RICHARD BROCHU updated the Agriculture Service Board on his recent activities, which include;

- No report

MEMBER JOSHUA MCMILLAN updated the Agriculture Service Board on his recent activities, which include;

- No report

MEMBERS
BUSINESS AND
REPORTS

MOTION: 22.10.128 Moved by: VICE CHAIR SHELLEY MORRISON

That the Agricultural Service Board accept the Members reports as information.

CARRIED

#7
CORRESPONDENCE **7.0 CORRESPONDENCE**

ASB
CORRESPONDENCE MOTION: 22.10.129 Moved by: MEMBER JOSHUA MCMILLAN
That the Agricultural Service Board accept the correspondence as information.
CARRIED

#8
ADJOURNMENT **8.0 ADJOURNMENT**

ASB
ADJOURNMENT MOTION: 22.10.130 Moved by: VICE CHAIR SHELLEY MORRISON
That this Agricultural Service Board meeting adjourn at 1:49pm
CARRIED

MANAGER, AGRICULTURAL SERVICES

ASB CHAIR

3.3 Action Items - Agricultural Services Motion Tracker

No.	Motion	Assigned to	Status
MOTION: 21.12.143 December 13, 2021	Moved by: VICE CHAIR SHELLEY MORRISON that the Agricultural Service Board recommend to Council to postpone the Agricultural Plastics Recycle capital purchase project for 2022 and to be considered for 2023.	Sheila Kaus, Agricultural Services Manager	Postponed
MOTION: 22.02.23 February 23, 2022	Moved by: COUNCILLOR DAVE BERRY that the Agricultural Service Board recommend Council approve the increase to the 2022 – 2024 Satellite Rental Agent Contract from \$2,000.00 to \$2,500.00, to compensate for the increase in oversight and documentation of the rental program, with the following changes; <ul style="list-style-type: none"> - Remove Bill Smith from Grovedale contract. - Remove item 8 regarding snow removal from both contracts. - Change item 9 from \$2,500.00 to \$200.00 per implement with a minimum of \$2,500.00 per year for both contracts. 	Sheila Kaus, Agricultural Services Manager	In Progress
MOTION: 22.02.29 February 23, 2022	Moved by: VICE CHAIR SHELLEY MORRISON that the Agricultural Service Board authorize Administration to streamline reporting for funding grants to bring in line with current Greenview reporting procedures.	Sheila Kaus, Agricultural Services Manager	Completed
MOTION: 22.07.78 July 27, 2022	Moved by: COUNCILLOR DAVE BERRY that the Agricultural Service Board approve the importing of Canada Thistle Stem Mining Weevils from the United States, to facilitate a locally available rearing site for eventual weevil distribution on acceptable sites throughout Greenview.	Sarah Cairns, Landcare Coordinator	Delayed to 2023
MOTION: 22.08.87 August 24, 2022	Moved by: MEMBER RICHARD BROCHU that the Agricultural Service Board recommend Council to direct Administration to explore potential equipment cost recovery options for large animal veterinary service providers, that support MD of Greenview livestock producers.	Sheila Kaus, Agricultural Services Manager	In Progress – 2023 or 2024 deliverable
MOTION: 22.10.101 October 5, 2022	Moved by: COUNCILLOR DAVE BERRY that the Agricultural Service Board deferred motion regarding specialty twine until next Agricultural Service Board meeting. Direction to Administration to return with made in Greenview option.	Kristin King, Agricultural Supervisor	Complete
MOTION: 22.10.102 October 5, 2022	Moved by: MEMBER LARRY SMITH that the Agricultural Service Board recommend to Council the implementation of Greenview Riparian and Agricultural Sustainability Support (G.R.A.S.S) to promote environmental stewardship and sustainability in agriculture operations throughout Greenview.	Sarah Cairns Landcare Coordinator	Complete
MOTION: 22.10.104 October 5, 2022	Moved by: MEMBER LARRY SMITH that the Agricultural Service Board recommend Policy 6303 – Weed Control Policy to the Policy Review Committee, as presented.	Sheila Kaus, Agricultural Services Manager	In Progress

3.3 Action Items - Agricultural Services Motion Tracker

<p>MOTION: 22.10.106 October 5, 2022</p>	<p>Moved by: MEMBER RICHARD BROCHU that the Agricultural Service Board recommend to the Policy Review Committee that Policy 6318 – Private Land Herbicide Application and Policy 6303-1 – Weed Control Procedure recommend to council to be rescinded as presented.</p>	<p>Sheila Kaus, Agricultural Services Manager</p>	<p>In Progress</p>
<p>MOTION: 22.10.126 October 26, 2022</p>	<p>Moved by: COUNCILLOR DAVE BERRY that the Agricultural Service Board direct Administration to draft a letter in support of continuing 1080, to be sent to the Pest Management Regulatory Agency. If needed, as decided by the Agricultural Service Board, via consensus through email.</p>	<p>Sheila Kaus, Agricultural Services Manager</p>	<p>Complete</p>



REQUEST FOR DECISION

SUBJECT:	2023 Agricultural Service Board Meeting Dates		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	November 30, 2022	CAO:	MANAGER: SK
DEPARTMENT:	AGRICULTURE	DIR:	PRESENTER: SK
STRATEGIC PLAN:	Governance	LEG:	

RELEVANT LEGISLATION:

Provincial (cite) –

Council Bylaw/Policy (cite) –

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board accept the dates for the 2023 Agricultural Service Board Meetings for information, as presented.

BACKGROUND/PROPOSAL:

Conferring with CAO Services, Administration prepared a schedule for the ASB Meetings in 2023 that follows the second meeting of Council monthly, considering other commitments of Council. The dates are as follows with the following exception, there will be no meeting on Wednesday, March 22, 2023, due to RMA. All meetings to start at 9:30 a.m.

- Wednesday, February 1
- Wednesday, March 1
- Wednesday, April 26
- Wednesday, May 24
- Wednesday, June 28
- Wednesday, July 26
- Wednesday, August 23
- Wednesday, September 27
- Wednesday, October 25
- Wednesday, November 22
- Monday, December 11

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that the Agricultural Service Board meetings will be set with consideration given to Council and other commitments.

DISADVANTAGES OF THE RECOMMENDED ACTION:

There is no disadvantage to the recommended motion.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board may select alternate dates; however, Administration would need to confer with CAO Services to ensure there are no conflicts.

FINANCIAL IMPLICATION:

1. There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

1. There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Should the Agricultural Service Board follow the recommended action, Administration will generate a calendar invite for all members to assist in planning.

ATTACHMENT(S):



REQUEST FOR DECISION

SUBJECT:	2023 Fox Creek Weed Control	REVIEWED AND APPROVED FOR SUBMISSION	
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	CAO:	MANAGER: SK
MEETING DATE:	November 30, 2022	DIR:	PRESENTER: SK
DEPARTMENT:	AGRICULTURE	LEG:	
STRATEGIC PLAN:	Governance		

RELEVANT LEGISLATION:

Provincial (cite) –

Council Bylaw/Policy (cite) –

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board recommend that Council approve the request from the Town of Fox Creek to roll forward the \$10,000 from the 2022 Weed Funding to the 2023 fiscal for a total of \$20,000 in control work in the 2023 season.

BACKGROUND/PROPOSAL:

Since 2017, Administration has offered funding to assist the towns of Valleyview and Fox Creek to control noxious and prohibited noxious weed infestations within their municipalities. Since 2021, there has been significant efforts by the towns to address these issues.

In 2022, the Town of Fox Creek submitted a plan indicating their intention to address tall buttercup infestations via a hired contractor. \$5,000 in funding was sent to Fox Creek to facilitate this work, with an additional \$5,000 available upon completion of the work. Unfortunately, the contractor did not control the infestations. Due to this, the town of Fox Creek did not spend the \$5,000 in funding and the CAO contacted Administration to request that the \$5,000 received by the Town be applied to 2023 work, with the remaining \$5,000 that had not been capitalized on be rolled into 2023. This will result in \$20,000 in control work being completed in Fox Creek in 2023.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that Greenview will continue to build upon this mutually beneficial relationship, fostering increased intermunicipal cooperation.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no disadvantages to the recommended action.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board decline the request. Administration is not recommending this as Fox Creek submitted a solid weed control plan, with the execution of the plan failing due to external factors.

FINANCIAL IMPLICATION:

The financial implication for this motion is a \$5,000 increase to the regularly budgeted amount of \$10,000, but this will result in \$20,000 worth of control work in Fox Creek, which is needed.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

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FOLLOW UP ACTIONS:

Upon recommendation of the Board, Administration will advance the request to Council for a final decision.

ATTACHMENT(S):

- Letter from the Town of Fox Creek: Community Development Initiative Funding



October 19, 2022

Municipal District of Greenview
Valleyview Administration Building
4806 – 36 Avenue, PO Box 1079
Valleyview, AB T0H 3N0

Attention: Sheila Kaus, Agriculture Services Manager

RE: Community Development Initiative Funding

We are writing to request that the MD of Greenview allow the Town of Fox Creek to roll over the \$5000.00 grant received in 2022 for weed control to 2023. This request is being made due to our contractor (Knights Spraying) not being able to complete control efforts in 2022. We request that the \$5000.00 be added to the 2023 grant for a total of \$20,000.00 for 2023 weed control funding.

We appreciate your continued partnership and support of our community. If you have any questions regarding the above request, please do not hesitate to reach out.

Sincerely,



Kristen Milne
Chief Administrative Officer

Cc: Brandon Pauling, Director of Parks and Recreation, Town of Fox Creek



REQUEST FOR DECISION

SUBJECT: **Satellite Rental Locations Annual Payment**
SUBMISSION TO: AGRICULTURAL SERVICES BOARD **REVIEWED AND APPROVED FOR SUBMISSION**
MEETING DATE: November 30, 2022 **CAO:** **MANAGER:** SK
DEPARTMENT: AGRICULTURE **DIR:** **PRESENTER:** SK
STRATEGIC PLAN: Governance **LEG:**

RELEVANT LEGISLATION:

Provincial (cite) –

Council Bylaw/Policy (cite) –

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board recommend to Council that satellite rental locations be paid the annual fee proposed in the 2022 draft rental program policy for 2022, while program particulars are finalized.

BACKGROUND/PROPOSAL:

In February of 2022, Administration put policy revisions forward to the Agricultural Service Board with the intent of limiting potential liability exposure due to serious incidents that happened in 2021. Within this update, the ASB advised a change to the compensation rate for satellite rental locations of \$200 per implement with a minimum of \$2,500 per location. Further investigation into the insurance and other particulars of the program have led to the policy revisions being delayed.

Administration budgeted for these increased in the 2022 Agricultural Services budget but is left with no policy direction as to how to proceed. As this is a budget concern, the matter must be referred to Council. As a matter of budgetary housekeeping, Administration seeks direction as to the compensation for our satellite rental locations.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that the Agricultural Service Board will make a recommendation to Council as to how they would like to proceed for compensation of the satellite locations for 2022.
-

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no disadvantages to the recommended action.
-

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board may motion to postpone the compensation of the satellite locations. Administration did not recommend this action, as the funds were budgeted for in 2022.

FINANCIAL IMPLICATION:

Crooked Creek Location: \$2,500

Grovedale Location: \$4,600

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Should the Agricultural Service Board follow the recommended action, Administration will forward the request for decision on this matter to Council.

ATTACHMENT(S):



REQUEST FOR DECISION

SUBJECT:	2023 Strategic Business Plan	REVIEWED AND APPROVED FOR SUBMISSION	
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	CAO:	MANAGER: SK
MEETING DATE:	November 30, 2022	DIR:	PRESENTER: SK
DEPARTMENT:	AGRICULTURE	LEG:	
STRATEGIC PLAN:	Level of Service		

RELEVANT LEGISLATION:

Provincial (cite) – N/A

Council Bylaw/Policy (cite) – N/A

RECOMMENDED ACTION:

MOTION: That the Agricultural Service Board recommend Council approve the 2023 Agricultural Services Strategic Business Plan, as presented.

BACKGROUND INFORMATION:

Administration is in the process of drafting the 2023 Agricultural Services Strategic Business Plan. Of note, there have been performance measures provided for each section, with a requirement for Administration to provide the Board and Council with an annual report, in compliance with the Agricultural Service Board Act.

Administration would like to highlight a few of the proposed changes to the strategic business plan moving into 2023:

- Alignment with Councils strategic plan and vision
- Addition of a second full-time Problem Wildlife Officer
- Increase in extension and outreach activities
- Wall display recognizing Greenview Farm Families of the Year back to 1990
- Streamlining of grant recipient reporting, in line with Greenviews other recipients
- Storage sheds for satellite rental locations
- Contract for weed control work along the Forestry Trunk Road
- Purchase of utility trailers to facilitate rental of equipment aimed at market garden development
- Upgrade of the magazine storage lock in compliance with new requirements from Natural Resource Canada

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the Agricultural Service Board accepting the recommended motion is that the Board will be made aware of the activities of SARDA over 2022.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommended motion.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board has the alternative to alter or deny the recommended motion.

FINANCIAL IMPLICATION:

There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

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FOLLOW UP ACTIONS:

There are no follow up actions to the recommended motion.

ATTACHMENT(S):

- 2023 Proposed Strategic Business Plan



2023-2024

STRATEGIC BUSINESS PLAN

AGRICULTURAL SERVICES

Executive Summary

The Municipal District of Greenview No. 16 is in Northwest Alberta, encompassing approximately 8,151,772 acres of land. About 311,761 acres are arable land, 562,496 acres is pasture or perennial cropland and the remainder of approximately 7,277,515 acres is Crown and Municipal lands.

Greenview contains mainly gray soils in the agricultural area and a few small areas of thin black soils. It also includes three natural regions: Boreal Forest, Foothills, and the Rocky Mountains, as well as six natural sub-regions: Dry Mixed Wood, Central Mixed Wood, Upper Foothills, Lower Foothills, Alpine, and Sub-Alpine.

Annual crop production is predominant in the Valleyview, Debolt, and Grovedale areas of Greenview. Livestock production consists of over 41,000 cattle, 400 goats, 1400 sheep, 4100 bison, 350 elk, 59,000 chickens, and five bee colonies along the Wapiti, Little Smoky, Smoky, and Simmonette Rivers tributaries and four grazing reserves. Three Hutterite Colonies comprise a small number of intensive livestock operations. The approximate number of farms in Greenview is 534, with an average of 600 acres. Total gross farm receipts in 2016 were \$106,085,000 with total farm capital sitting at \$1,087,750,000.

Greenview's resident population is over 9600 people. This population includes the Hamlets of Little Smoky, Crooked Creek, Ridgevalley, DeBolt, Landry Heights, Grovedale, Wapiti and Grande Cache. Greenview also has seven cooperatives in the Grande Cache area: Wanyandie East, Wanyandie West, Victor Lake, Joachim, Susa Creek, Kamisak and Muskeg Seepee. Sturgeon Lake Cree Nation is also within Greenview boundaries. Including all Cooperatives, Enterprises, and the Sturgeon Lake Cree First Nation, the population within Greenview boundaries is over 13,000.

Greenview's local roads are calculated at 2135.26km and broken down as: 1942.39km gravel and 192.87km paved.

VISION: Greenview Agricultural Services is a focused and forward-thinking department that supports vibrant rural communities and connectivity, promotes sustainable industry growth, and fosters continuing education in the ever-evolving field of agriculture.

MISSION: The Greenview Agricultural Service Department provides education, advice, support, and guidance to all community members concerning soil and water conservation, weed and pest control, and environmental concerns. While these topics are chiefly agricultural, it is through the incorporation of the community as a whole that the industry's sustainability is realized.

VALUES: **Growth-** Will be encouraged through support of innovation, education and community.

Sustainability- This Will impact all departmental decision-making through measurement of environmental, social and economic impacts.

Stewardship- This Will be fostered through the actions of the ASB, the organizations we partner with and the extension events we organize.

Our unique and widespread landscape requires an Agricultural Services department staffed by a Manager, two supervisors, a landcare coordinator, two problem wildlife officers and an Administrative Assistant employed on a permanent full-time basis. In addition, Greenview hires 22-25 employees for 4-6 months to assist in running Greenview's seasonal programs. In addition, Greenview has partnered with local producer and stewardship groups for added value and assistance to our local producers: offering extension events, project planning, on-farm aid, and other complementary initiatives. These groups include:

- The Peace Country Beef & Forage Association (PCBFA): PCBFA employs four full-time employees that specialize in the fields of cattle and grazing management, animal nutrition, whole-farm systems, nutrient management, crop and soil science, and natural resources management.
- SARDA Agricultural Research is committed to a long-term program with the following objectives: a) To achieve sustainable agriculture production and profit for producers b) To stimulate and conduct applied research and demonstration to provide a basis for recommendations and a transfer of information and technology between research institutions, industry and local producers, c) To distribute information through publications of annual reports, newsletters, newspaper articles, Tradeshows, seminars, demonstrations and other available mediums, d) To be aware of the changing needs of producers in our community and to adjust our programs and mandate accordingly, e) To promote diversification into other agriculture sectors (livestock production, horticulture, and value added). f) To provide an opportunity for other organizations to plan and conduct applied research, demonstrations, and extension activities in the area.
- Mighty Peace Watershed Alliance is a multi-sector, not-for-profit society committed to planning for an ecologically healthy watershed while ensuring environmental, economic and social sustainability. Its active stakeholders and communities use consensus, adaptive management, and innovation to understand and promote living within the watershed. The MPWA's Board of Directors will report on the state of the watershed, lead watershed planning activities, promote best management practices and develop educational programs.

Greenview continues to prioritize environmental programs through various means, from creation of the Greenview Riparian and Agricultural Sustainability Supports program, assisting with establishing off-site watering systems, fencing, and tree-planting for riparian restoration to implementing successful weed management and pest control programs that help our ecosystems thrive. Today, Greenview promotes the establishment of Environmental Farm Plans, Canada

Agricultural Partnership projects, and various sustainable agricultural practices through our partnerships and programming. In 2022, an increased focus on the Verified Beef Program, the Canadian Roundtable for Sustainable Beef and the Canadian Roundtable for Sustainable Crops, complimented by GAP programming to enhance the current programming suite, will be developed.

To assist with on-farm environmental initiatives, Greenview also offers local producers the use of rental equipment at reasonable rates. The Greenview Equipment fleet is the most comprehensive municipal program in Alberta.

In 2023, Agricultural Services plans to build off of the successful 2022 year.

Department Mandate

The Manager and overall Agricultural Services Department is accountable to the Director of Community Services and provides support to the Agricultural Service Board (ASB) to implement their decisions, deliver their programming, and enforce applicable legislation. The **Agricultural Service Board Act** empowers the Board, and the Board is responsible for municipal adherence to the following legislation:

- Alberta Soil Conservation Act
- Alberta Agricultural Pests Act
- Alberta Weed Control Act
- *Support and adherence to Alberta Animal Health Act*
- *Support and adherence to Alberta Wildlife Act*
- *Support and adherence to Alberta Agricultural Operations and Practices Act*
- *Support and adherence to Alberta Water Act*

The Agricultural Services Department implements and administers the following programs in Greenview: Administration, Agricultural Service Board, Rental Program, Vegetation Management, Pest Control, Extension and Outreach, Veterinary Services and Beautification.

SWOT Analysis

Strengths

1. **Agricultural Community:** Most of the members of the local agricultural community have been in the area for many years, but there have been some new faces. The community is vibrant and supportive.
2. **Land Values:** While most of the Province is experiencing a drastic increase in land values, Greenview lands are still affordable compared to the national average.
3. **Agronomic Potential:** Greenview is one of the only places globally with room for agriculture to expand, adding to arable acres. The available land is variable in quality, ranging from CLI class 2 to class 7. There is room within Greenview for the growth of the livestock industry and crop industry.

4. **Agri-Tourism Potential:** The proximity of the City of Grande Prairie coupled with the big game hunting and ecotourism potential provides opportunities for local agricultural producers to market products directly to consumers, stimulating a local food movement and economic opportunity.

Weakness's

1. **Extension:** Greenview partners with three organizations to deliver research, extension and environmental monitoring to our residents. Extension efforts by these groups have met with limited success. Event turn out has been low and sustainable agriculture best management practices adoption has been sporadic.
2. **Administrative Change:** Greenview Agricultural Services has undergone considerable change as a department in terms of staffing, expectation and deliverability.
3. **Climate Change:** While arable acres are likely to increase, severe weather events are anticipated to become more frequent. Total precipitation is not anticipated to change but evets will become less frequent with more precipitation at one time. Water management will become more important. Currently, Agricultural Services has made no plans to address the anticipated challenges.
4. **Municipal Size:** While also a strength, the size of Greenview presents challenges to delivery of services over a vast and varied landscape.

Opportunities

1. **Environment:** Agricultural Services can create programming to assist producers in adopting best management practices to improve their profitability.
2. **Local Food:** Greenview has local food producers, and this industry has ample room to grow. With support, the Greenview local food industry could be a draw for tourists.
3. **Agricultural Growth:** While many municipalities anticipate a loss of arable land with the advance of climate change, Greenview stands to gain arable acres. Agriculture within Greenview has the potential to grow.
4. **New Crop Potentials:** Greenview is well-positioned to advance new crops for Peace Region agricultural producers. Early variety soybeans, dual-purpose industrial hemp, increased acres of faba beans and peas, and quinoa produces well within the Peace.

Threats

1. While the municipality enjoys the buffer of a large green zone to assist in controlling pest pressures, the discovery of clubroot of canola, small hive beetle for beekeepers, and pea leaf weevil in area pea fields remind us that we need to stay vigilant.
2. **Climate Change:** Greenview will enjoy increased arable land as climate change advances, but there is expected to be less moisture in the coming years. Die-off is being witnessed in aspen stands. Fire risk could increase, and water management will become increasingly important for agricultural producers.

3. Aging Agricultural Producers: Much the same across the country, average producer ages are climbing. Consolidation of agricultural lands continues. As these producers retire, the farming community needs to hang on to their wisdom and experience.
4. Loss of Agricultural Acres: Due to the sheer beauty of Greenview, it is expected that arable acres will have more pressure to be developed. As recreational areas in the southern part of the Province become less attractive, more people will look to Greenview and the hamlets for acreages and summer homes.

1. Administration

Within Agricultural Services, Administration encompasses all staff – full time or seasonal – as well as the professional development of full-time staff. In 2022, significant FTE redistribution increased the amount of staff available to deliver the Beatification program, with notable success. Alterations to FTE in 2023 are minimal, with slight changes to allow for the seasonal problem wildlife assistant position to shift to a full-time problem wildlife officer. Cross training efforts continue in 2023, with the intended goal of seasonal staff being capable of fulfilling either vegetation management or weed inspection duties.

Due to the efficiencies the department was able to realize, there is no increase to overall FTE in 2023.

2. Agricultural Service Board

Agricultural Service Board Act is the legislation in which the Agricultural Service Board receives their mandate. Agricultural Services is the administrator of the Agricultural Service Board.

What are the goals of the department related to the Agricultural Service Board in 2022?

- Continued participation in the Provincial ASB Resolution process- including review of resolution grading and reporting back to the Provincial Committee
- Develop policy review schedule annually for all ASB Policies to ensure the review submission is on schedule.
- Empower ASB Members by continued delivery annually of an orientation for to expected duties and responsibilities of the Board.
- Ensure Intermunicipal cooperation continues with Intermunicipal Appeal Board

Agricultural Service Board- 2023		
Strategy	Actions	Performance Measures
a. Administration shall develop an annual Orientation presentation and document for the betterment of Greenview ASB	a. Deliver Intermunicipal Appeal Board orientation to members-at-large of the Agricultural Service Board.	Intermunicipal Orientation scheduled and delivered before May
b. Administration shall ensure the ASB is orientated to the Intermunicipal Appeal Committee before May annually.	b. Deliver an orientation of the ASB annually	ASB Orientation scheduled and delivered after annual organizational meeting
c. Administration shall inform members of professional development opportunities.	c. Ensure members are made aware of upcoming agricultural events and professional development opportunities with the inclusion of an *Upcoming Events* portion within ASB Agendas monthly	# Professional opportunities attended
d. Administration shall keep the Board apprised of Provincial ASB Committee Communications and encourage members to sign up for email notifications.	d. Add the ASB board members to the email distribution list of the Provincial ASB Committee in October	Increased participation and questions regarding Provincial Committee information
e. Administration shall develop a policy review schedule	e. Incorporate the policy review schedule into annual reporting	Resolution responses submitted to the Provincial Committee annually
f. Administration shall present Resolution Report Card Documents to the Board in a timely fashion	f. Include Resolution documentation in ASB Agendas when appropriate.	Policy review schedule followed for the year

3. Agricultural Rental Program

Agricultural Rental Equipment Program

Greenview currently has an extensive municipal Agricultural Rental Program. Previously, maintenance of this program was disorganized. This continued to be improved on in 2022 with the current collaborative relationship between Greenview Operations and Agricultural Services. The Department is in the process of developing equipment specific check in and check out procedures to identify maintenance needs in a timely fashion, adding to the increasing efficiency of the current program.

Agricultural Rental Equipment - 2023

Strategy	Actions	Performance Measures
g. Develop administrative oversight in partnership with Operations Mechanic	g. Generate documentation for maintenance, hazard assessment and equipment specific checklists	# of piece of equipment documentation generated
h. Incorporate underutilized operational equipment into rental program	h. Provide equipment rentals tailored to acreage owners	# of rentals of Acreage specific equipment
i. Purchase of tree planter and mulch applicator for program	i. Work with economic development to promote dual purpose equipment	# rentals of dual-purpose equipment
j. Revise Rental Policy to apply required updates	j. Incorporate weekend rate for equipment, damage deposit, equipment tracking system into policy and schedule of fees	# of equipment specific check in and out procedures developed

Agricultural Operations

A. Soil Conservation

The *Soil Conservation Act* sets out legislated duties to preserve soil assets within municipal lands.

What are the goals of the department related to the Soil Conservation in 2023?

- CLI Soil Analysis of all lands in Greenview for Agricultural Productivity capability to better delineate zones that are prime for agricultural production to inform Planning and Development decisions
- Conduct Soil Conservation Inspections as part of regular duties
- Explore the possibility of Agricultural Land Development policy.
- Identify areas in Greenview that are at increased risk of significant soil erosion

Soil Conservation - 2023

Strategy	Actions	Performance Measures
k. Conduct inspections more regularly	k. Appoint two additional inspectors	# inspections conducted
l. Utilize GIS to delineate Soil conservation concerns and deliverables	l. CLI Analysis of all acres, identification of geographical areas of concern	Report for ASB and Council
m. Collaborate with Infrastructure and Planning	m. Explore development of Agricultural Land Development Policy	If appropriate, enact Agricultural Land Development Policy
n. Initiate a shelterbelt program	n. Deliver shelterbelt program	# seedlings planted on private land annually

Pest Inspections - 2023		
Strategy	Action	Performance Measures
<p>o. Update Clubroot of Canola policy with new research annually</p> <p>p. Host an annual Pest update to inform producers</p> <p>q. Implement the Construction and Industry Risk Mitigation documents</p> <p>r. Communicate to producers through articles, face-to-face</p> <p>s. Inspect for the following pests annually.</p> <p>Legislated Unlegislated</p> <p>- Clubroot - Aphanomyces</p> <p>- Blackleg - Fusarium</p> <p>- Grasshopper - Verticillium wilt</p>	<p>q. In the event of infestation of Clubroot, issue a Pest Notice for the land in question once lab results are confirmed</p> <p>r. If Producer refuses to comply pest notice, enforce the Alberta Pest Control Act, utilizing out-of-Greenview contractors</p> <p>s. Ensure impacted landowners notified prior to harvest</p> <p>t. Inspect for the pests specified in county policy, record results, make summary of results available to the public through risk maps, outreach and awareness events & campaigns</p>	<p>- # producers attending sessions, inquiring</p> <p>- Increased length of rotation County-wide, tracked via Agriculture Canada GIS Data</p> <p>- # of conversations with landowners</p> <p>- # notification letters sent</p> <p>- # fields inspected</p> <p>- Report of positive findings</p> <p>- # Inspectors appointed</p> <p>- % compliance</p> <p>- # enforcement</p> <p>- # Information sessions hosted</p>

B. Pest Inspections

Under the *Agricultural Pests Act*, Greenview Agricultural Services conducts seasonal inspections to track infestations, inform the Province for policy formation and forecasting, and inform our area producers. In the event a clubroot infestation is found, a Pest Notice will be issued.

What are the goals of the department related to the Pest Inspections in 2023?

- Review the Clubroot of Canola policy annually as new research becomes available
- Improve communication with area producers regarding the results of the surveys
- Hold an annual information session for area producers to give them a seasonal summary of results
- Ensure Intermunicipal Appeal Committee is appointed in January
- Improve GIS data collection capabilities for Pest Inspections to realize operational efficiencies.

C. Vegetation Management

In compliance with the *Alberta Weed Control Act*, Agricultural Services aims to inspect all land in Greenview for noxious and prohibited noxious weeds. This area of programming encompasses roadside and private property control.

Vegetation Management - 2023		
Strategy	Action	Performance Measures
t. Address known weed infestations by species	u. March/April notification of established infestations	# repeated inspections
u. Incorporate improved GIS capabilities	v. Strong training program for Weed Communications matrix	# infestations found
v. Adherence to Weed Comms Matrix	w. 6 staff trained as weed inspection and control staff	# infestations controlled
w. Cross train and equip staff for improved efficacy	x. Incorporate promotion of assistance programs into all communications with landowners	# Inspectors appointed
x. Communicate to landowners through articles, face-to-face	y. Multiple inspections of known infestations to ensure compliance	# Information sessions hosted
y. Promote Rural Acreage Program	z. Adjust current spray rotation to allow for geographical efficiency	# participants in Rural Acreage Program
z. Promote Herbicide Purchase Program		# landowners accessing Private Spray Program
aa. Promote Weed Control Incentive Program		Km's controlled
bb. Inspect all privately held land		
cc. Broadcast half of municipality annually		

What are the goals of the department related to the Vegetation Management in 2023?

- Continue with full implementation of a strong weed decision matrix to provide impartiality to inspections and consistency in communications.
- Improve GIS data collection capabilities for Weed Inspections and areas of Greenview sprayed by municipal staff to realize operational efficiencies.
- Identify properties of concern by March, seasonally, begin communications
- Broadcast spray one third of Greenview annually, increase focus of right of way fall weed control
- Offer Private spray request program throughout the municipality
- Begin contract control of the Forestry Trunk Road on a 1-3 rotational basis.
- Equip all areas of the municipality to meet program deliverables efficiently
- Develop an inspection protocol and rotation in Oil Lease Areas that establishes an avenue to compliance for companies leasing multiple sites, working with Alberta Environment and Parks and Alberta Energy Regulator
- Implement 3rd party verification of spray data for improved liability risk management
- Working with Operations, provide permanent control of brush along right of ways to improve liability risk management.

4. Problem Wildlife

The *Alberta Wildlife Act* provides for the protection and conservation of wild animals in Alberta. It defines controls for hunting and trapping of wildlife and possession of wildlife and wildlife parts, as well as the sale, import and export of wildlife, controlled animals and endangered species. The Act impacts Greenview's Wolf Bounty program, Beaver Incentive Program and called in complaints regarding large carnivores and other nuisance wildlife.

What are the goals of the department related to Problem Wildlife in 2023?

- Implementation of the Predation Mitigation Strategy as framework for Goals, Strategy, and Measurables to direct programming to where it is needed. ***Appendix 1**
- Assess problem wildlife locations for potential mitigation, tours of problem areas in cases of livestock predation.
- Cultivate and grow current relationships with core organizations to increase the reach of Greenview's problem wildlife program
- Establish surveillance along Greenview's border with Woodlands County to assess potential Wild Boar locations
- Ensure Greenview infrastructure addressed to prevent costly damages
- Continue building on the GIS Map with reoccurring beaver dam locations, predation sites, trap geolocates, and harvest geolocates.
- Host two extension events annually

5. Extension and Outreach

Extension and Outreach is becoming increasingly important in the Agricultural Landscape, at the same time funding for such programming is diminishing. Greenview will create and maintain working relationships with producers and residents within Greenview to encourage better management practice adoption, positively impacting our water and land resources. By applying a collaborative model with a focus on both external and internal relationship building, extension and outreach programming will generate extension services for Greenview residents, improve intermunicipal and interdepartmental collaboration, increase access for Greenview residents to external non-profit services, and realize external and internal grant funding opportunities for residents to effectively promote enhanced management practices.

What are the goals of the department related to the Extension and Outreach in 2023?

- Assistance for producers in accessing and being certified through the Canadian Roundtable for Sustainable Beef and Canadian Roundtable for Sustainable Crops
- Assistance to residents in accessing provincial and federal grant and funding opportunities related to land and water resource management and sustainable agriculture
- Assist producers with environmental stewardship and sustainable agriculture through Greenview Riparian and Agricultural Sustainability Support (G.R.A.S.S)

- Work cooperatively with Peace Country Beef and Forage Association, Watershed Planning and Advisory Councils, and SARDA Ag Research for the delivery of extension events
- Work to the betterment of Greenview residents by planning, delivering, and evaluating 10 extension events annually.
- Offering support and extension options to acreage owners allows the Landcare Coordinator to act as a bridge to these residents while encouraging positive management of the acreage
- Utilization and adoption of programs such as Green Acreages for education and funding opportunities to residents

The Alberta Water Act governs how the Province of Alberta manages water. The Act aims to promote the conservation and management of water while recognizing the need for economic growth and prosperity and flexible management that works cooperatively with governments of other jurisdictions.

What are the goals of the department related to the Water Act in 2023?

- Ensure that staff are educated about the Alberta Water Act, identification of wetlands and other waterbodies, adherence to limitations imposed by the Act.
- Establish an intermunicipal working group focused on improving communication regarding waterbodies and wetlands.
- Increase Greenview resident's formalization of Water rights.
- Increase the interest and completion of long-term water management plans to protect residents from the impacts of drought.

Agricultural Operation Practices Act legislation sets out a framework for resolving conflicts between agricultural producers and the public relating to nuisance and disturbance caused by agricultural operations.

What are the goals of the department related to the Agricultural Operation Practices Act in 2023?

- Work with Greenview Planning and Development Department to come up with an educational pamphlet for new residents to Greenview that addresses AOPA concerns and realities
- Work with Greenview Planning and Development Department to create a stocking guide for smallholding producers relating to stocking capacity of the land parcel
- Develop a list of all Confined Feeding Operations within Greenview
- Develop an introductory document to rural life in conjunction with FCSS and Planning and Development departments

6. Veterinary Services

Alberta's Chief Provincial Veterinarian (CPV) has a lead role in animal disease response. The *Alberta Animal Health Act* puts the onus on the owner of an animal or authorized person to advise the CPV of suspected or confirmed reportable or notifiable diseases within 24 hours.

What are the goals of the department related to the Animal Health Act in 2023?

- Develop a strong relationship with area veterinarians to ensure compliance with the requirement to advise the Chief Provincial Veterinarian of suspected or confirmed reportable or notable diseases within 48hrs
- Initiate development of an emergency carcass disposal plan
- Initiate development of an emergency livestock management plan

7. Beautification

In 2023, Beautification enhance programming with increased plant material, improved turf maintenance and repair effectiveness, empower local non-profit groups in landscaping, weed maintenance and equipment assistance, increased trees and shrubs to assist with biodiversity and windbreaks, continued weed/pest inspections, and expanding the reach of these inspections. The top priorities are implementing an effective spray schedule for the growing season and developing educational programs and resources to increase awareness about stewardship decisions. These efforts will contribute to economic value to this region and the sustainability of the community.

Beautification - 2023		
Strategy	Actions	Performance Measures
dd. Facilitate Pesticide Applicator Training for Golf Course Staff	gg. Assist Golf Course in establishing training protocol for mowing, pesticide application, pesticide service registration	# pesticide applicator license at Golf Course # Assistant Pesticide Applicator held
ee. Facilitate Weed Control Program with Golf Course	hh. Facilitate pesticide application at golf course for the time being	Successful Service Registration application
ff. Facilitate Fungicide Application for Golf Course	ii. Develop and release request for quotation jointly with Facilities Maintenance	Plant material securement date If appropriate, enact Agricultural Land Development Policy
gg. Coordinate with Facilities Maintenance for Plant Material orders	jj. Utilize covered trailer for transport of plant and landscape materials	# seedlings planted on private land annually Freight costs saved Economies of scale realized
hh. Use department equipment for materials transport		
ii. Establish supplies storage		

APPENDIX 1: Reducing Predation on Agricultural Lands in Greenview

What are the primary considerations of the department related to predation mitigation?

- Achieving a measurable and demonstrable reduction in the occurrence of livestock predation within Greenview
- Emphasis on geographically documented problem areas as delineated through available data by the provincial government, resulting in a downward trend of predation throughout the municipality
- Build strong relationships with Greenview ratepayers to better understand and address predation concern
- Cooperate with and work alongside other government agencies

<p>Communication: <i>Working with the Greenview Communications Department, develop a Communication Strategy to make ratepayers aware of the Mitigation Strategy's existence, and develop educational resources such as brochures, best management practices, and advertising seminars to provide tools to livestock producers to reduce the risk of predation on their operation.</i></p>		
STRATEGY	ACTION	MEASURES
a. Develop brochures and other educational components of program with communications to ensure in line with corporate communication requirements and guidelines	a. Develop content for brochures, best management practices, awareness campaign and advertising for hosted seminars to be used in extension and outreach efforts	<ul style="list-style-type: none"> • # of work orders initiated because of communication efforts • # brochures handed out • # of views of articles • # website clicks
b. Develop a communication strategy with the communications department to increase profile of mitigation strategy	b. Develop a tasteful campaign to increase awareness of assistance available to livestock producers through Greenview Problem Wildlife Programming	<ul style="list-style-type: none"> • # producers inquiring re: programming • # links clicked • # calls re: programming • # work orders resultant

<p>Education: <i>The first step in reducing predation kills in agricultural lands is to educate landowners and agricultural producers on current and historical issues in their respective areas and throughout the municipality. Increasing public awareness and being able to address issues on a personal and case by case basis will allow the producers the opportunity for management changes that can aid in reducing predation numbers. Educating licensed trappers on the losses incurred by agricultural producers may encourage them to increase trapping efforts to better benefit their community and neighbours.</i></p>		
STRATEGY	ACTION	MEASURES
a. Consult with stakeholders on a case-by-case basis through work order requests, other points of contact	a. Investigate potential onsite predation draws to the area, the where and why of specific situations through consultation and discussion with stakeholders	<ul style="list-style-type: none"> • # site visits • # predation draws eliminated • # landowner concerns addressed
b. Consult and educate stakeholders on best management practices	b. Create an educational campaign to address predation issues while working with	<ul style="list-style-type: none"> • # of educational resources produced

	communications to properly advertise the campaign	<ul style="list-style-type: none"> • # of educational resources distributed
c. Inform stakeholders who may experience predation of recommended practices	c. Compile a multitude of ways to combat predation through management styles	<ul style="list-style-type: none"> • # of seminars and workshops • utilize problem wildlife website space
d. Increased awareness of night confinement for small livestock producers, night based best management practices	d. Work with small livestock producers to prevent predation by promoting night confinement within a barn or covered outbuilding to address predation, increase awareness of the use of timed lighting in pasture situations	<ul style="list-style-type: none"> • # producers adopting night based best management practices • # producers accessing BMP resources • # work orders generated for site visits/assistance • # of inquiries
e. Inform all relevant stakeholders of predation issues occurring within their area, the seasonality of the issue, where it is reasonable to assume they may experience similar issues	e. Build relationships with producers and ensure they are aware of local predation problems	<ul style="list-style-type: none"> • # stakeholders contacted • # reported increases in predation to Ag Services • # phone calls fielded
f. increase awareness of Guardian Animals as a predation deterrent	f. Prevent livestock predation through the promotion and increased adoption of the use of guard dogs, donkeys and llamas.	<ul style="list-style-type: none"> • # producers implementing guardian animals • # work orders, site visits or conversations related to guardian animals • # of resources offered to producers re: guardian animals

Prevention: Preventing the opportunity for livestock loss by changes to current management practices. This can be achieved through discussions, meetings, workshops, brochures, pamphlets, videos, social media outreach, etc. Being accessible to the public to discuss these issues is key in addressing the problems as they are often on a case-by-case basis. Greenview staff strives to provide the above services with the highest level of customer service to properly and efficiently serve Greenview ratepayers as requested and needed.

STRATEGY	ACTION	MEASURES
a. Employ BearSmart Tactics to reduce predation from problem bears	a. Use methods from the BearSmart organization to increase education and awareness of management practices that can reduce bear and human interactions. Creating yards and human lived areas that do not attract bears will help reduce the amount of bears going through acreages and smaller operations, or into corral and confined systems.	<ul style="list-style-type: none"> • # BearSmart presentation give • # attending • # resources dispersed • Create BearSmart Communities • Bylaw to reduce bear/human conflict

<p>b. Explore the potential of a nuisance bylaw to reduce wolf baiting adjacent to livestock operations</p>	<p>b. Working with Enforcement services and legislative services to explore the potential, need, and difficulties of including wolf baiting as a nuisance if it is unwanted by adjacent livestock operations but allowing for baiting if addressing identified problem pack</p>	<ul style="list-style-type: none"> •# stakeholder meetings •# interested producers •# drafts •Amendment passed, PRC •Amendment passed, Council
<p>c. Target proven predation areas by working with private landowners during winter</p>	<p>c. in removing specific, problem predators causing predation to livestock and not overharvesting predators in areas without predation, this will help keep aggressive predators away from livestock herds.</p>	<ul style="list-style-type: none"> •# specific stakeholders worked with •# targeted removals of problem predators •Emphasis on geographical Priority Areas •Offer assistance to registered and registered and resident trappers, RFMA holders re: Foot holding, snaring, bait stations
<p>d. Recognized improvement in the management of deadstock on livestock operations</p>	<p>d. Working with livestock producers to educate and encourage a reduction in natural disposal and the sphere of influence caused by the mismanagement of deadstock</p>	<ul style="list-style-type: none"> •# implementing on-site composting, burial •# producers moving deadstock piles from proximity to pasture/birthing area •# producers inquiring about methods other than natural disposal
<p>e. Carcass pile locations in relation to predation issues, showing a downward trend with actions taken</p>	<p>e. Carcass pile locations and or trapper bait piles, should be looked at and possible removed or relocated to eliminate potential conflict with producers, heavy predator removal may be required in these locations to bring down problem predation issues.</p>	<ul style="list-style-type: none"> •# problem sites identified •# assistance provided in relocation •# of predators removed that frequent sites •# conversations with trappers re: bait station locations, work towards possible solutions or compromise
<p>f. Increased awareness of herd management styles impact on overall predation in livestock operations</p>	<p>f. Minimizing livestock loss by promoting changes to current management practices, through education, resources, and consultation.</p>	<ul style="list-style-type: none"> •# discussions re: herd mgmt. •# written resources distributed •# workshops held •# demonstrated practice change •# that Increase surveillance during July-September

g. Fencing reviewed and ensured to be intact and appropriate for livestock enclosed	g. Assist livestock producers identifying and implementing the best fencing practices for their operation, including wire mesh, electric, and barbed wire.	<ul style="list-style-type: none"> •# producers implementing improved fencing •# onsite visits where fencing observed and advised on •# referrals from enforcement services for livestock out of fenced area reduced
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Mitigation: *Acknowledging that the municipality does face issues with predation, contacting landowners in areas of high predation and offering Greenview’s support and resources in a variety of ways including but not limited to educational resources, site visits, recommendations of management practices, snaring and trapping assistance of problem wildlife in documented problem areas.*

STRATEGY	ACTION	MEASURES
a. Harnessing willing participation from RFMA and Resident Trappers through cooperation and assistance to mitigate education of problem predators and increase reach	a. Individuals wishing to submit wolves for the incentive will be offered assistance to increase the likelihood of success and decrease the likelihood of problem predators being educated as to trapping efforts and technique	<ul style="list-style-type: none"> • # resident and registered trappers assisted • # documented offers of assistance • # participatory RFMA trappers • # of ATA members and licensed trappers PW staff develop working relationships with
b. Acknowledgment of Greenview's predation issues caused by problem wildlife	b. Contact landowners who are facing both current and historical predation problems to offer assistance through various Greenview supports	<ul style="list-style-type: none"> • # site visits • # stakeholders offered assistance • # stakeholders contacted
c. Assist producers experiencing or adjacent to predation priority areas on private land in proximity to incidents of livestock predation	c. Make contact and build relationships with producers experiencing predation and offer assistance based on area of priority	<ul style="list-style-type: none"> • # producers assisted • # producers contacted • # sites trapped • # problem wildlife removed

Challenges to Strategy Implementation





- Need for more predator trapping equipment, difficulty accessing lands due to location, difficulty to access lands due to location potential accessibility issues
 - The department is ensuring that all required traps and snaring equipment have been procured. Special attention will be paid to skidoo needs with a potential capital ask to purchase a basic skidoo, if need is demonstrated.
- Landowner refusal or potential upset as some ratepayers may feel that by Greenview staff removing the wolves, they are losing out on the opportunity to participate in the wolf bounty program.

- Working with landowners potentially interested in Harvest Incentive to increase likelihood of success, reduce potential education of problem predators to trapping methods.
- Seasonal limitations as enforced by the designated trapping season
 - Strengthen relationships with key contacts to allow for adjustments to current damage control license and potential expansion on allowable actions by Greenview Problem Wildlife staff.

Policy No.	Policy Name	Date Created	Date Updated	Date Last reviewed	Scheduled Review
6301	Haying and Pasturing General Restrictions and Licensing	12-07-2016			
6302	Roadside Vegetation Management	01-03-2004	25-02-2014	To go to Council	
6302-01	Roadside Vegetation Management - Procedure	01-03-2004	25-02-2014	PROPOSED RECINDED	
6303	Weed Control	01-04-2011	25-02-2014	PRC	
6303-01	Weed Control - Procedure	01-04-2011	25-02-2014	PROPOSED RECINDED	
6304	Agricultural Research and Demonstration	01-05-2008	26-11-2013		
6305	Rental of MD Equipment	Pending			
6306	Wolf Harvest Incentive Program	01-02-2012	22-01-2018	COMPLETE	2024
6307	Veterinary Services Incorporated	01-06-2012	13-07-2021		13-07-2024
6308	Clubroot	09-07-1905	27-07-2021		27-07-2024
6309	Agricultural Improvement	01-04-2011	08-04-2019		08-04-2022
6310	Agricultural Services Board	01-06-2012	08-04-2019		08-04-2022
6311	Animal Health	01-06-2012	08-04-2019		08-04-2022
6312	Voluntary Program Participation Alberta Agriculture Rural Development	01-06-2012	08-04-2019		08-04-2022
6313	Equipment Sanitation	Pending			
6314	Soil Conservation	01-06-2012	08-04-2019		08-04-2022
6315	Farm Family Awards	01-06-2012	24-06-2019		24-06-2022
6316	Pest Control	01-06-2012	24-06-2019		24-06-2022
6317	Spray Exemptions	01-06-2012	24-06-2019	PROPOSED RECINDED	24-06-2022
6318	Private Land Herbicide Applications	01-06-2012	24-06-2019	PROPOSED RECINDED	24-06-2022
6319	Pest Surveillance and Reporting	01-06-2012	24-06-2019		24-06-2022
6320	Agriculture Equipment Rental	Pending			
6321	Beaver Harvest Program	13-07-2020		COMPLETE	2024

AG 09	Rental of MD Equipment	01-07-2012	Pending		
AG 17	Equipment Sanitation	01-07-2012	Pending		

WEED INSPECTORS NEXT STEP PER ESTABLISHED COMMUNICATION TABLE

Severity of Infestation	EXTREME (+4) Found through-out 	SEVERE (+3) Heavy in areas, less or none in others 	MODERATE (+2) Clumps of weeds, sporadic 	LOW (+1) At fringes of area, fence lines 	+	<input type="text"/>
Density	INCREASE (+4) Severity has increased	PIONEER (+3) New Infestations	STATIC (+2) No change from previous inspections	DECREASE (-1) Severity reduced from previous inspections	+	<input type="text"/>
Stage	SEED (+4) Going to seed - too late except C. Thistle	FLOWER (+3) Control within 10-14 days	ROSETTE (+2) Control within 15-20 days	SKELETON(+1) Confirmed presence, make aware	+	<input type="text"/>
Proximity	WATERWAY (+4) Within 250 m of stream, lake, river, pond	ROADWAY (+3) Within 250 m of a roadway	NEIGHBOURS (+2) Within 250 m of property line	ISOLATED(-1) <250 m boundaries or waterways	+	<input type="text"/>
History	NON COMPLIANCE (+4) Listed as Early action, enforcement	PREVIOUS CONTACT (+3) Listed as monitor	NEW (2) First record	COMPLIANCE(-1) Listed as controlled previous years	+	<input type="text"/>
Species	CONCERN 3 (+10) ALL PROHIBITED NOXIOUS, New Noxious	CONCERN 2 (+8) Common Tansy, Scentless Chamomile, Ox-Eye Daisy, Toadflax	CONCERN 1 (+6) Tall Buttercup, White Cockle	LOW CONCERN (-2) Canada Thistle, Perennial Sow Thistle, Creeping Bellflower	+	<input type="text"/>
TOTAL POINTS =						<input type="text"/>

POINTS	NEXT STEP BY INSPECTOR
3-10	Monitor for increase, new species. Call landowner, make aware "Cheaper to control now"
11-18	Phone call x 2, Courtesy letter, Inspection Report, Fact Sheet(s), available contractors lists, mech and cultural controls
19-25	Phone calls every 3 days, Re-inspect, Warning Letter, Inspection Report, Fact Sheet(s), Offer assistance
25+	Attempt to work with producer, offer assistance, phone calls, Weed Notice



REQUEST FOR DECISION

SUBJECT:	Greenview Harvest Incentive and Bounty Programs		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	November 30, 2022	CAO:	MANAGER: SK
DEPARTMENT:	AGRICULTURE	DIR:	PRESENTER: SK
STRATEGIC PLAN:	Governance	LEG:	

RELEVANT LEGISLATION:

Provincial (cite) –

Council Bylaw/Policy (cite) – Policy 6303: Wolf Harvest Incentive, Policy 6321: Beaver Bounty Program

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board recommend to Council accept the report on Analysis of Greenview Wolf Harvest Incentive and Beaver Bounty Programs for information, as presented.

MOTION 2: That the Agricultural Service Board recommend to Council direct Administration to revise Policy 6321: Beaver Bounty Program to include an annual review by Council to activate or close the program upon assessment of beaver population numbers and impact on Greenview infrastructure.

BACKGROUND/PROPOSAL:

To encourage public participation in controlling wolf and beaver populations, Council implemented the Wolf Harvest Incentive Program in 2012 and the Beaver Bounty Program in 2020. On September 27th, 2022, the following Notice of Motion was made:

Moved by: COUNCILLOR DAVE BERRY that Council direct Administration to provide a report on the efficacy of Greenview’s bounty programs and potential options to cancel and or replace them.

Wolf Harvest Incentive

The Wolf Harvest Incentive Program has been active for ten and a half years. Over that time, 866 wolves have been harvested for a total expenditure of \$259,800 or an annual expenditure average of \$24,742.86. The annual harvest average is 82.5 wolves with unique participants annually sitting at is 36 individuals.

When all wolf harvest incentive submissions were plotted on a map of Greenview, there was no specific area that had a strong submission emphasis. When the Government of Alberta’s cases of confirmed predation were mapped, there was a strong geographic emphasis. This analysis suggested that Greenview

may have a geographically specific predation issue that could be addressed with a targeted Predation Mitigation Strategy.

Administration analyzed available data to determine if the Wolf Harvest Incentive impacted confirmed predation. This revealed that when confirmed cases of predations go up, harvest incentive submissions also go up. This may suggest more wolves on the landscape as opposed to the program reducing predation.

While the analysis acknowledges that not all cases of predation are reported or confirmed, these numbers would increase cases of predation, resulting in the program having less of an impact on cases of predation than is reflected in current figures. With the data available, Administration noted that the Wolf Harvest Incentive Program may not reduce livestock predation in Greenview.

In acknowledgement of the geographical emphasis discovered through this analysis, Administration presented a Predation Mitigation Strategy with the Agricultural Services annual workplan that identifies three areas of priority within five geographic areas. This plan was presented to the Agricultural Service Board on November 23rd, 2022. The strategy involves communication, education, prevention, and mitigation, with deliverables provided to gauge efficacy into the future. Administration offers the strategy for Councils consideration as an option to replace or enrich the current Wolf Harvest Incentive Program.

Beaver Bounty Program

The Beaver Bounty Program has been active since the fall of 2020. In that time, the public has submitted 808 beaver carcasses. While public participation has fallen dramatically in 2022, the number of problem beaver addressed by problem wildlife staff has remained static. This may suggest that the program is not effective in lessening the problem beaver requiring removal by Greenview staff. Beaver populations fluctuate naturally, with population increases observed in years that support an increased population. Maintaining effective Problem Wildlife Programming may be more impactful than continuing with the Beaver Bounty Program. Administration recommends revising Policy 6321 to include an activation or suspension of the program based on the assessment of population by impact to Greenview's infrastructure.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that the Agricultural Service Board will be informed as to the analysis of the Wolf Harvest Incentive and Beaver Bounty Program to better inform a potential decision on the efficacy of this programming.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. One disadvantage to the recommended action is that Administration was unable to conclusively determine the programs level of efficacy, which was what the Notice of Motion requested. While analysis is suggestive of the programs having little impact,
2. A second disadvantage to the recommended action is that offering a Predation Mitigation Strategy program may run into the issue of ratepayers being dissatisfied with the increase in services as trapping

efforts mitigate specific wolf issues. Some ratepayers will view this as being denied the potential wolf Harvest incentive funds when the animal is trapped by problem wildlife staff. Potential mitigation of this would involve staff assisting landowners in being successful in their efforts as opposed to educating the wolves on various trapping methods. Another mitigation would be a reduction or elimination of the Harvest incentive.

ALTERNATIVES CONSIDERED:

Alternative #1: That the Agricultural Service Board recommend Council rescinds the Wolf Harvest Incentive and Beaver Bounty Programs.

Council has the alternative to rescind the Wolf Incentive and Beaver Bounty programs, should they so choose. Administration has not recommended this, as submissions in both programs have decreased significantly and can be maintained in conjunction with the proposed mitigation strategy.

FINANCIAL IMPLICATION:

Direct Costs: Should Council follow the recommended action, the Beaver Bounty Program may be suspended for 2023, which would result in an annual allocation savings of \$15,000.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion. Instead, the Predation Mitigation Strategy impacts direction as opposed to overall workload, providing a targeting of efforts.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Should the Agricultural Service Board follow the recommended motion, Administration will bring a request for decision to Council.

ATTACHMENT(S):

- Policy 6306: Wolf Harvest Incentive
- Policy 6321: Beaver Bounty Program
- Wolf Harvest Incentive Submissions: Map
- Confirmed Predation: Predation
- Wolf Harvest and Confirmed Predation Overlay
- Bounty and Harvest Incentive Analysis Document
- Predation Mitigation Priority Areas
- Predation Mitigation Strategy

Title: WOLF HARVEST INCENTIVE PROGRAM

Policy No: 6306

Effective Date: January 22, 2018

Motion Number: 18.01.41

Supersedes Policy No: AG 10

Review Date:



MUNICIPAL DISTRICT OF GREENVIEW NO. 16

"A Great Place to Live, Work and Play"

Purpose: Greenview supports wolf population control efforts in order to reduce livestock predation. Greenview will implement the policy and procedures to provide for a Wolf Harvest Incentive Program, for the purpose of promoting the lawful harvesting of wolves within the designated wolf harvest area of Greenview.

DEFINITIONS

Eligible Participant means the registered landowner of property within the boundaries of Greenview, or their designate (stated through written permission), verified by VSI membership or Administration. Greenview’s Problem Wildlife Officer is not eligible to participate in the Wolf Harvest Incentive Program.

Financial Compensation means the monies received for lawfully harvested adult wolf by eligible participants.

POLICY

1. The Wolf Harvest Incentive Program will be in effect only on lands within 8 kilometers of private property, active grazing leases, and Provincial Grazing Reserves (agricultural area) within the boundaries of Greenview.
 - a. The Wolf Harvest Incentive Program will be limited to eligible participants or their designate.
 - b. Wolves harvested outside of Greenview will not qualify for compensation.
 - c. Individuals wishing to participate in the program will be required to register with the Manager of Agricultural Services or his/her designate, in advance of participation in the program.
2. Council shall, during budget deliberations, establish a budget for the Wolf Harvest Incentive Program.
3. By resolution of Council, the Wolf Harvest Incentive Program shall be activated or terminated.

PROCEDURE

1. Individuals participating in the wolf Harvest Incentive Program shall follow all Federal and Provincial Legislation and regulations including, but not limited to the Wildlife Act and Wildlife

regulations, the Firearms Act, the Petty Trespass Act, and Alberta Hunting and Trapping Regulations, and any amendments or successor legislations thereto.

2. Greenview's Wolf Harvest Incentive Program will be reviewed annually.
3. The manager of Agriculture Services, or their designate, shall arrange appointments with eligible participants for the examination and marking of adult wolves to qualify for financial compensation through the Wolf Harvest Incentive Program.
4. Greenview shall pay financial compensation as per the Schedule of Fees, for each eligible adult wolf carcass presented to the designated receiving location.
5. Eligible participants requesting financial compensation shall enter into a Contract of Participation Agreement, at the time of marking the carcass with the Manager of Agriculture Services or their designate.
6. Entire wolf carcasses (or head only, if agreed upon with the Manger, Agriculture Services or their designate) shall be delivered to a location designated by Greenview Agriculture Services, for examination and marking, and authorization of payment of compensation;
 - a. Examination of the carcass will be performed to verify the animal has been destroyed by means other than vertebrate toxicant.
 - b. The carcass will be marked by a representative of Greenview; a carcass that has been previously marked will be rejected.
 - c. If eligible, the claimant will be provided with a financial compensation authorization (mailed via Canada Post to participant).
7. To request authorization for financial compensation, the eligible participant will provide proof of permission from the owner or authorized occupant of the land upon which the harvest was conducted, and declare the following:
 - a. The legal land location where the wolf was harvested.
 - b. The date of harvest.
 - c. The harvest was conducted in a lawful manner, in accordance with current legislation.
 - d. The participant is the legal landowner or the authorized occupant of the land; and/or
 - e. The participant had permission to harvest on said land.
8. In accordance with Provincial Legislation, the eligible participant shall be responsible for disposal of all parts of the carcass.
9. Participants shall be removed from the list of eligible participants and shall forfeit all benefit from said program, it if is determined that have not adhered to the Policy as set by Council or the Contract of Participation.
10. Disputes over eligible claims for compensation will be settled at the discretion of the Manager of Agricultural Services, whose decision will be final and binding.

Title: Beaver Harvest Program

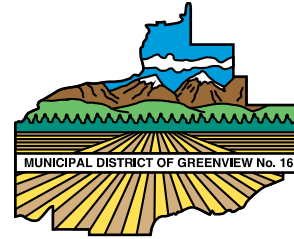
Policy No: 6321

Effective Date: July 13, 2020

Motion Number: 20.07.385

Supersedes Policy No: NONE

Review Date: July 13, 2023



Purpose: Greenview is committed to protecting municipal infrastructure from water movement problems related to beaver activity. Greenview will implement the policy and procedures to provide for the harvest of beavers and/or removal of beaver dams, for the purpose of preventing damage to infrastructure and flooding caused by beavers.

1. DEFINITIONS

1.1 **Greenview** means the Municipal District of Greenview No. 16

2. POLICY STATEMENT

2.1 Greenview Administration shall prioritize the harvesting of beaver and/or removal of beaver dams in the following order:

- a) Areas that occur on Greenview land and cause operational and/or structural integrity issues to municipal infrastructure (i.e., roads, bridges, culverts etc.), at no cost.
- b) Areas that occur on Greenview land that is currently or has the potential to cause damage/flooding to private land such as yard sites and agricultural crops and pasture land, at no cost.
- c) Areas that occur on drainage ditches registered by Greenview to prevent flooding of agricultural land, at no cost and with landowner authorization as per policy procedure.

2.2 Greenview shall hold a valid Damage Control License authorizing the removal of beavers.

2.3 Greenview shall implement a Beaver Harvest Incentive Program that will pay a bounty of (\$30.00) thirty dollars for each beaver harvested by a ratepayer or resident within the municipal boundaries of Greenview in accordance with policy procedure. Problem Wildlife personnel employed or specifically contracted by Greenview are exempt from this program.

2.4 Greenview will maintain a license authorizing the appropriate handling and use of explosives for the purpose of blasting beaver dams (i.e., licensed magazine, certified blaster).

2.5 Landowners with beaver issues on private land (i.e., agricultural crop and pasture lands, yards etc.) are encouraged to rectify the issue independently.

3. PROCEDURE

3.1. All beaver dam removal on designated watercourses must comply with all relevant acts (i.e., Fisheries Act, Alberta's Water Act, Public Lands Act etc.).

- 3.2. The Manager of Agricultural Services, or their designate, shall work with internal departments and the public on prioritizing the harvesting and/or removal of beaver dams in accordance with section 2.1 of this policy.
- 3.3. The Manager of Agricultural Services, or their designate, shall ensure the delivery of the Beaver Harvest Incentive Program.
- 3.4. Beavers harvested under the Beaver Harvest Incentive Program will be compensated upon a signed declaration of the following:
 - a) The legal land location where the beaver was harvested.
 - b) The date of harvest.
 - c) The harvest was conducted in a lawful manner, in accordance with current legislation.
 - d) The participant had permission to harvest on said land.
 - e) The beaver tail is marked by a Greenview employee, in the presence of the individual who harvested the animal.
- 3.5. Disposal of all beavers submitted under the Beaver Harvest Incentive Program will be the responsibility of the person submitting the carcass/tail after proper submission procedures have taken place.

Greenview Hunting Incentive Program Information

Wolf Hunting Incentive (10.5 yrs):

Initiated in 2012, 866 carcasses have been submitted to date for a total of **\$259,800**.

Avg annual expenditure (Bounty payments): **\$24,742.86**

Avg Unique Participants per yr: **36.2**

Avg # carcasses per yr: **82.5**

Wolf Hunting Incentive			
Year	# Unique Participants	# Carcasses	Payout by Year
2012	32	70	\$21,000.00
2013	30	53	\$15,900.00
2014	30	48	\$14,400.00
2015	41	98	\$29,400.00
2016	63	154	\$46,200.00
2017	44	99	\$29,700.00
2018	32	90	\$27,000.00
2019	27	56	\$16,800.00
2020	43	114	\$34,200.00
2021	24	64	\$19,200.00
2022	15	20	\$6,000.00
TOTAL	381	866	\$259,800.00

Beaver Bounty (2.5 yrs):

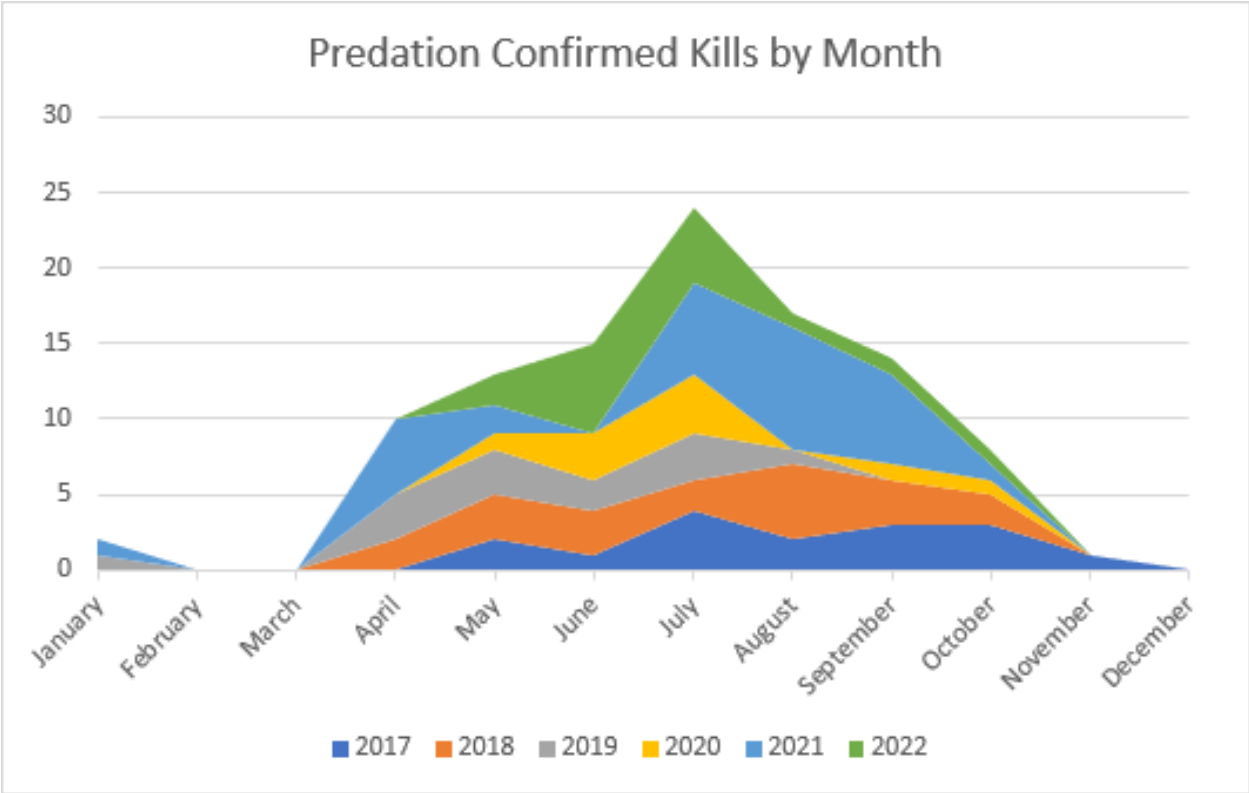
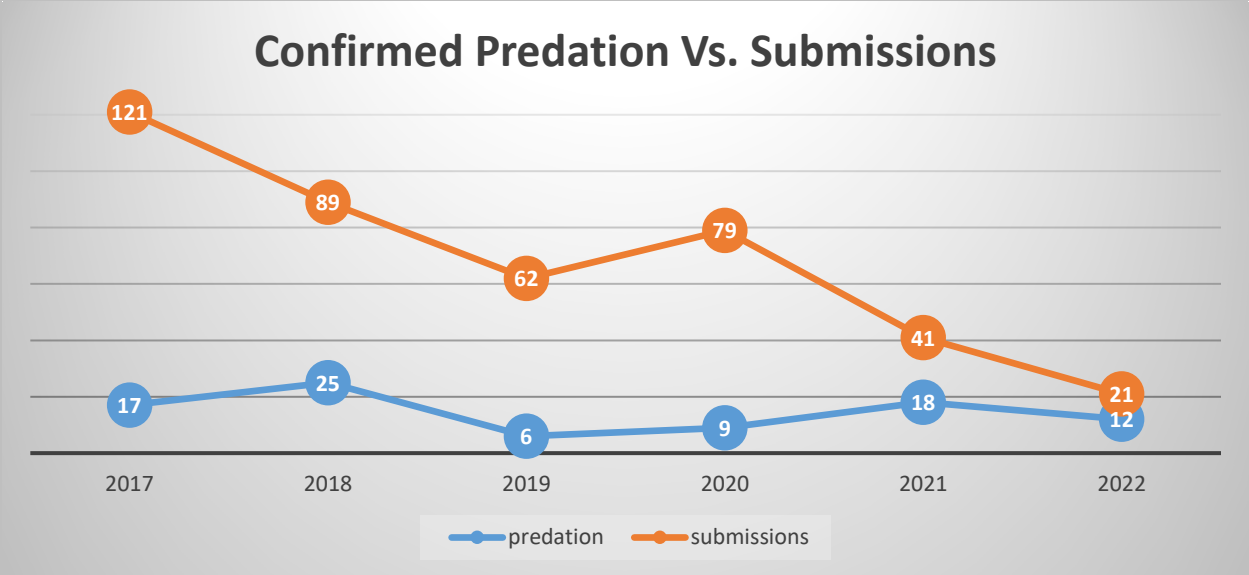
Initiated in 2020, 808 carcasses have been submitted to date for a total of **\$24,240**.

Avg annual expenditure (Bounty payments): **\$ 9,696**

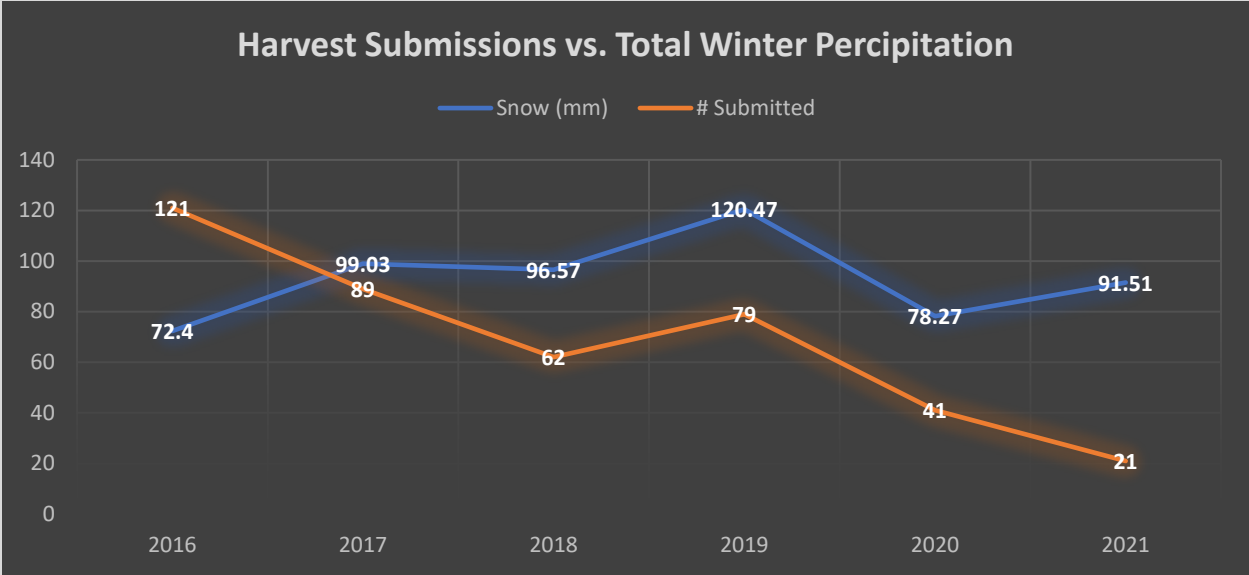
Avg Unique Participants per yr: **36**

Avg # carcasses per yr: **323.2**

Beaver Hunting Incentive			
Year	# Unique Participants	# Carcasses	Payout by Year
2020	17	102	\$3,060.00
2021	47	456	\$13,680.00
2022	26	250	\$7,500.00
TOTAL	90	808	\$24,240.00



this chart is not cumulative and is instead set to show the seasonality of predation within Greenview



Year	Frost Free Days	Snow (mm)	Bear Kills	Wolf Kills	Sub	PWO Days
2016	180	72.4		17	121	0
2017	163	99.03	1	25	89	238
2018	147	96.57	2	13	62	365
2019	147	120.47	9	9	79	365
2020	181	78.27	1	22	41	170
2021	167	91.51	13	12	21	262

Correlation between two variables can be either a positive correlation, a negative correlation, or no correlation. Let's look at examples of each of these three types:

- Positive correlation:** A positive correlation between two variables means both the variables move in the same direction. An increase in one variable leads to an increase in the other variable and vice versa. IE, spending more time on a treadmill burns more calories.
- Negative correlation:** A negative correlation between two variables means that the variables move in opposite directions. An increase in one variable leads to a decrease in the other variable and vice versa. IE, increasing the speed of a vehicle decreases the time you take to reach your destination.
- Weak/Zero correlation:** No correlation exists when one variable does not affect the other. IE, there is no correlation between the number of years of school a person has attended and the letters in his/her name.

	Year	Frost Free Days	Snow (mm)	Bear Kills	Wolf Kills	Sub.	PWO Days
Year	1						
Frost Free Days	-0.039	1					
Snow (mm)	0.180	-0.873	1				
Bear Kills	0.662	0.205	-0.358	1			
Wolf Kills	-0.328	0.573	-0.479	0.223	1		
Submitted	-0.941	0.053	-0.072	-0.864	0.188	1	
PWO Days	0.263	-0.843	0.843	0.003	-0.198	-0.331	1

Observations from Correlation Analysis:

- Frost Free Days positive correlation to bear kills, stronger positive correlation in wolf kills
- Active PW Program days, negative correlation to harvest submissions and confirmed wolf predation
- Snowfall and confirmed wolf predation have a negative correlation, but submissions do not appear to be correlated to amount of snow
- Confirmed wolf kills and harvest submissions have a positive correlation
- Bear Kills and Wolf Harvest Incentive submissions have a negative correlation
- Active PWO days have a strong positive correlation with amount of snow received.

Reducing Predation on Agricultural Lands in Greenview

What are the primary considerations of the department related to predation mitigation?

- Achieving a measurable and demonstrable reduction in the occurrence of livestock predation within Greenview
- Emphasis on geographically documented problem areas as delineated through available data by the provincial government, resulting in a downward trend of predation throughout the municipality
- Build strong relationships with Greenview ratepayers to better understand and address predation concern
- Cooperate with and work alongside other government agencies

Communication: <i>Working with the Greenview Communications Department, develop a Communication Strategy to make ratepayers aware of the Mitigation Strategy's existence, and develop educational resources such as brochures, best management practices, and advertising seminars to provide tools to livestock producers to reduce the risk of predation on their operation.</i>		
STRATEGY	ACTION	MEASURES
a. Develop brochures and other educational components of program with communications to ensure in line with corporate communication requirements and guidelines	a. Develop content for brochures, best management practices, awareness campaign and advertising for hosted seminars to be used in extension and outreach efforts	<ul style="list-style-type: none"> ● # of work orders initiated because of communication efforts ● # brochures handed out ● # of views of articles ● # website clicks
b. Develop a communication strategy with the communications department to increase profile of mitigation strategy	b. Develop a tasteful campaign to increase awareness of assistance available to livestock producers through Greenview Problem Wildlife Programming	<ul style="list-style-type: none"> ● # producers inquiring re: programming ● # links clicked ● # calls re: programming ● # work orders resultant

Education: <i>The first step in reducing predation kills in agricultural lands is to educate landowners and agricultural producers on current and historical issues in their respective areas and throughout the municipality. Increasing public awareness and being able to address issues on a personal and case by case basis will allow the producers the opportunity for management changes that can aid in reducing predation numbers. Educating licensed trappers on the losses incurred by agricultural producers may encourage them to increase trapping efforts to better benefit their community and neighbours.</i>		
STRATEGY	ACTION	MEASURES
a. Consult with stakeholders on a case-by-case basis through work order requests, other points of contact	a. Investigate potential onsite predation draws to the area, the where and why of specific situations through consultation and discussion with stakeholders	<ul style="list-style-type: none"> ● # site visits ● # predation draws eliminated ● # landowner concerns addressed

b. Consult and educate stakeholders on best management practices	b. Create an educational campaign to address predation issues while working with communications to properly advertise the campaign	<ul style="list-style-type: none"> •# of educational resources produced •# of educational resources distributed •# of seminars and workshops
c. Inform stakeholders who may experience predation of recommended practices	c. Compile a multitude of ways to combat predation through management styles	<ul style="list-style-type: none"> • utilize problem wildlife website space
d. Increased awareness of night confinement for small livestock producers, night based best management practices	d. Work with small livestock producers to prevent predation by promoting night confinement within a barn or covered outbuilding to address predation, increase awareness of the use of timed lighting in pasture situations	<ul style="list-style-type: none"> •# producers adopting night based best management practices •# producers accessing BMP resources •# work orders generated for site visits/assistance •# of inquiries
e. Inform all relevant stakeholders of predation issues occurring within their area, the seasonality of the issue, where it is reasonable to assume they may experience similar issues	e. Build relationships with producers and ensure they are aware of local predation problems	<ul style="list-style-type: none"> •# stakeholders contacted •# reported increases in predation to Ag Services •# phone calls fielded
f. increase awareness of Guardian Animals as a predation deterrent	f. Prevent livestock predation through the promotion and increased adoption of the use of guard dogs, donkeys and llamas.	<ul style="list-style-type: none"> •# producers implementing guardian animals •# work orders, site visits or conversations related to guardian animals •# of resources offered to producers re: guardian animals

Prevention: *Preventing the opportunity for livestock loss by changes to current management practices. This can be achieved through discussions, meetings, workshops, brochures, pamphlets, videos, social media outreach, etc. Being accessible to the public to discuss these issues is key in addressing the problems as they are often on a case-by-case basis. Greenview staff strives to provide the above services with the highest level of customer service to properly and efficiently serve Greenview ratepayers as requested and needed.*

STRATEGY	ACTION	MEASURES
a. Employ BearSmart Tactics to reduce predation from problem bears	a. Use methods from the BearSmart organization to increase education and awareness of management practices that can reduce bear and human interactions. Creating yards and human lived areas that do not attract bears will help reduce the amount of	<ul style="list-style-type: none"> •# BearSmart presentation give •# attending •# resources dispersed • Create BearSmart Communities • Bylaw to reduce bear/human conflict

	bears going through acreages and smaller operations, or into corral and confined systems.	
b. Explore the potential of a nuisance bylaw to reduce wolf baiting adjacent to livestock operations	b. Working with Enforcement services and legislative services to explore the potential, need, and difficulties of including wolf baiting as a nuisance if it is unwanted by adjacent livestock operations but allowing for baiting if addressing identified problem pack	<ul style="list-style-type: none"> •# stakeholder meetings •# interested producers •# drafts •Amendment passed, PRC •Amendment passed, Council
c. Target proven predation areas by working with private landowners during winter	c. in removing specific, problem predators causing predation to livestock and not overharvesting predators in areas without predation, this will help keep aggressive predators away from livestock herds.	<ul style="list-style-type: none"> •# specific stakeholders worked with •# targeted removals of problem predators •Emphasis on geographical Priority Areas •Offer assistance to registered and registered and resident trappers, RFMA holders re: Foot holding, snaring, bait stations
d. Recognized improvement in the management of deadstock on livestock operations	d. Working with livestock producers to educate and encourage a reduction in natural disposal and the sphere of influence caused by the mismanagement of deadstock	<ul style="list-style-type: none"> •# implementing on-site composting, burial •# producers moving deadstock piles from proximity to pasture/birthing area •# producers inquiring about methods other than natural disposal
e. Carcass pile locations in relation to predation issues, showing a downward trend with actions taken	e. Carcass pile locations and or trapper bait piles, should be looked at and possible removed or relocated to eliminate potential conflict with producers, heavy predator removal may be required in these locations to bring down problem predation issues.	<ul style="list-style-type: none"> •# problem sites identified •# assistance provided in relocation •# of predators removed that frequent sites •# conversations with trappers re: bait station locations, work towards possible solutions or compromise
f. Increased awareness of herd management styles impact on overall predation in livestock operations	f. Minimizing livestock loss by promoting changes to current management practices, through	<ul style="list-style-type: none"> •# discussions re: herd mgmt. •# written resources distributed •# workshops held

	education, resources, and consultation.	<ul style="list-style-type: none"> •# demonstrated practice change •# that Increase surveillance during July-September
g. Fencing reviewed and ensured to be intact and appropriate for livestock enclosed	g. Assist livestock producers identifying and implementing the best fencing practices for their operation, including wire mesh, electric, and barbed wire.	<ul style="list-style-type: none"> •# producers implementing improved fencing •# onsite visits where fencing observed and advised on •# referrals from enforcement services for livestock out of fenced area reduced

Mitigation: *Acknowledging that the municipality does face issues with predation, contacting landowners in areas of high predation and offering Greenview's support and resources in a variety of ways including but not limited to educational resources, site visits, recommendations of management practices, snaring and trapping assistance of problem wildlife in documented problem areas.*

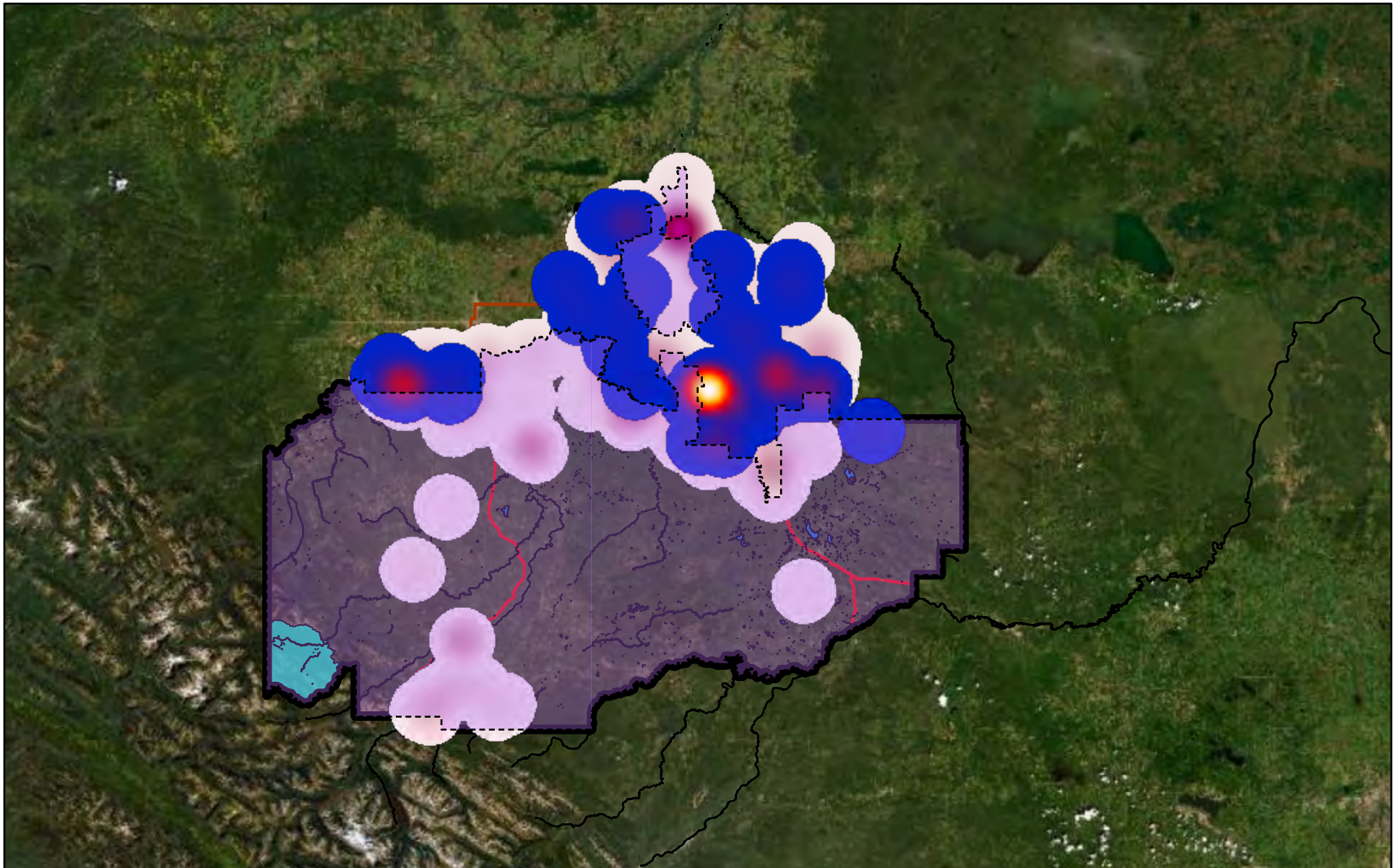
STRATEGY	ACTION	MEASURES
a. Harnessing willing participation from RFMA and Resident Trappers through cooperation and assistance to mitigate education of problem predators and increase reach	a. Individuals wishing to submit wolves for the incentive will be offered assistance to increase the likelihood of success and decrease the likelihood of problem predators being educated as to trapping efforts and technique	<ul style="list-style-type: none"> • # resident and registered trappers assisted • # documented offers of assistance • # participatory RFMA trappers • # of ATA members and licensed trappers PW staff develop working relationships with
b. Acknowledgment of Greenview's predation issues caused by problem wildlife	b. Contact landowners who are facing both current and historical predation problems to offer assistance through various Greenview supports	<ul style="list-style-type: none"> • # site visits • # stakeholders offered assistance • # stakeholders contacted
c. Assist producers experiencing or adjacent to predation priority areas on private land in proximity to incidents of livestock predation	c. Make contact and build relationships with producers experiencing predation and offer assistance based on area of priority	<ul style="list-style-type: none"> •# producers assisted •# producers contacted •# sites trapped •# problem wildlife removed

Challenges to Strategy Implementation

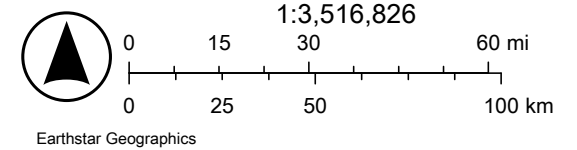
- Need for more predator trapping equipment, difficulty accessing lands due to location, difficulty to access lands due to location potential accessibility issues
 - The department is ensuring that all required traps and snaring equipment have been procured. Special attention will be paid to skidoo needs with a potential capital ask to purchase a basic skidoo, if need is demonstrated.

- Landowner refusal or potential upset as some ratepayers may feel that by Greenview staff removing the wolves, they are losing out on the opportunity to participate in the wolf bounty program.
 - Working with landowners potentially interested in Harvest Incentive to increase likelihood of success, reduce potential education of problem predators to trapping methods.
- Seasonal limitations as enforced by the designated trapping season
 - Strengthen relationships with key contacts to allow for adjustments to current damage control license and potential expansion on allowable actions by Greenview Problem Wildlife staff.

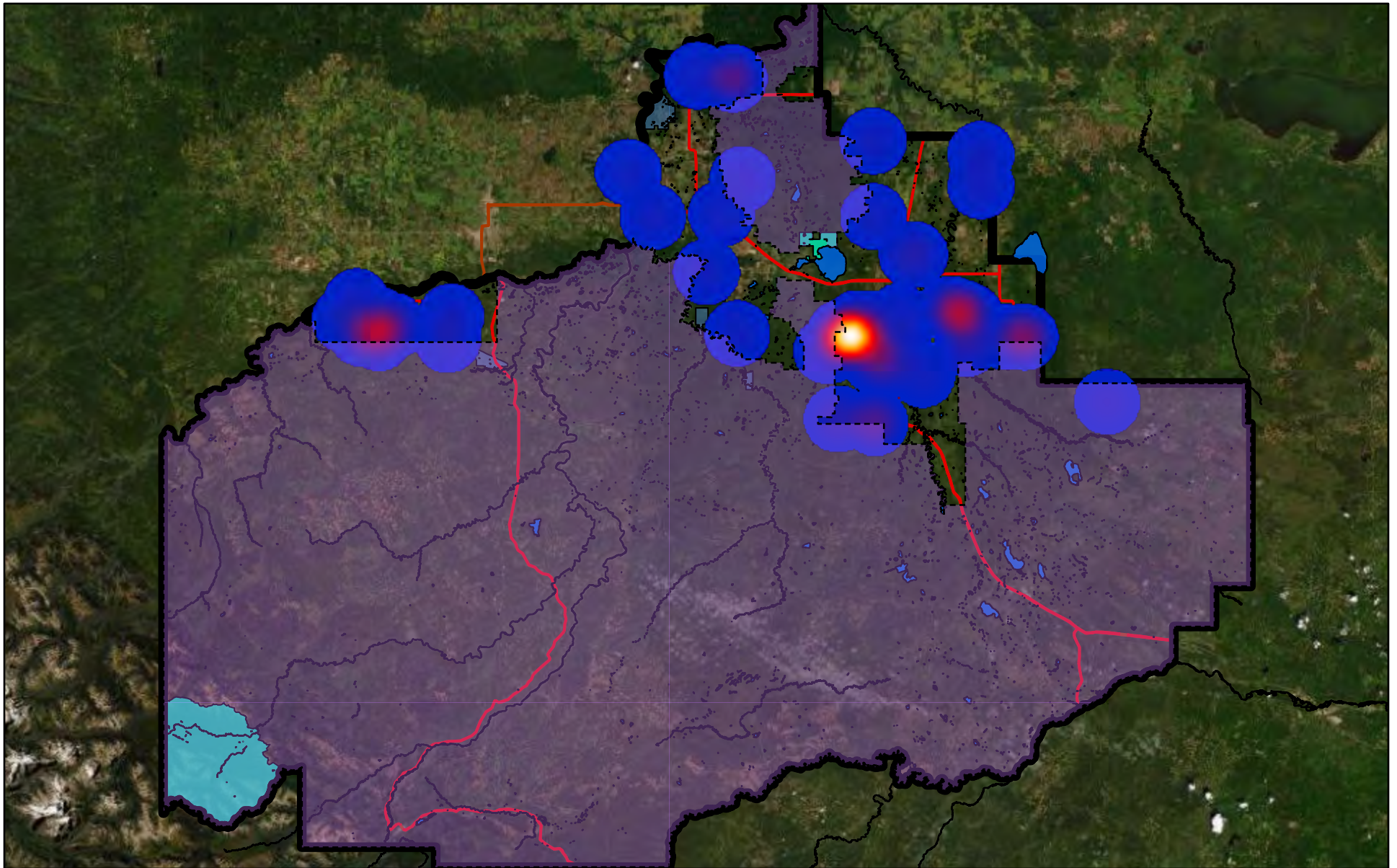
Wolf Harvest Incentive and Confirmed Predation Overlay











11/8/2022



Predation Issues Map



11/7/2022

-  GreenZone
-  GV_hydro_area_Ag
-  GRAZING_RESERVES
-  Low
High
-  Gravel pit layers - Boundary
-  PARKS
-  Gravel pit layers - Hwy_Line
-  Highway

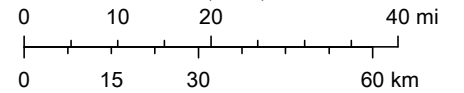
World Imagery

Low Resolution 15m Imagery

High Resolution 60cm Imagery

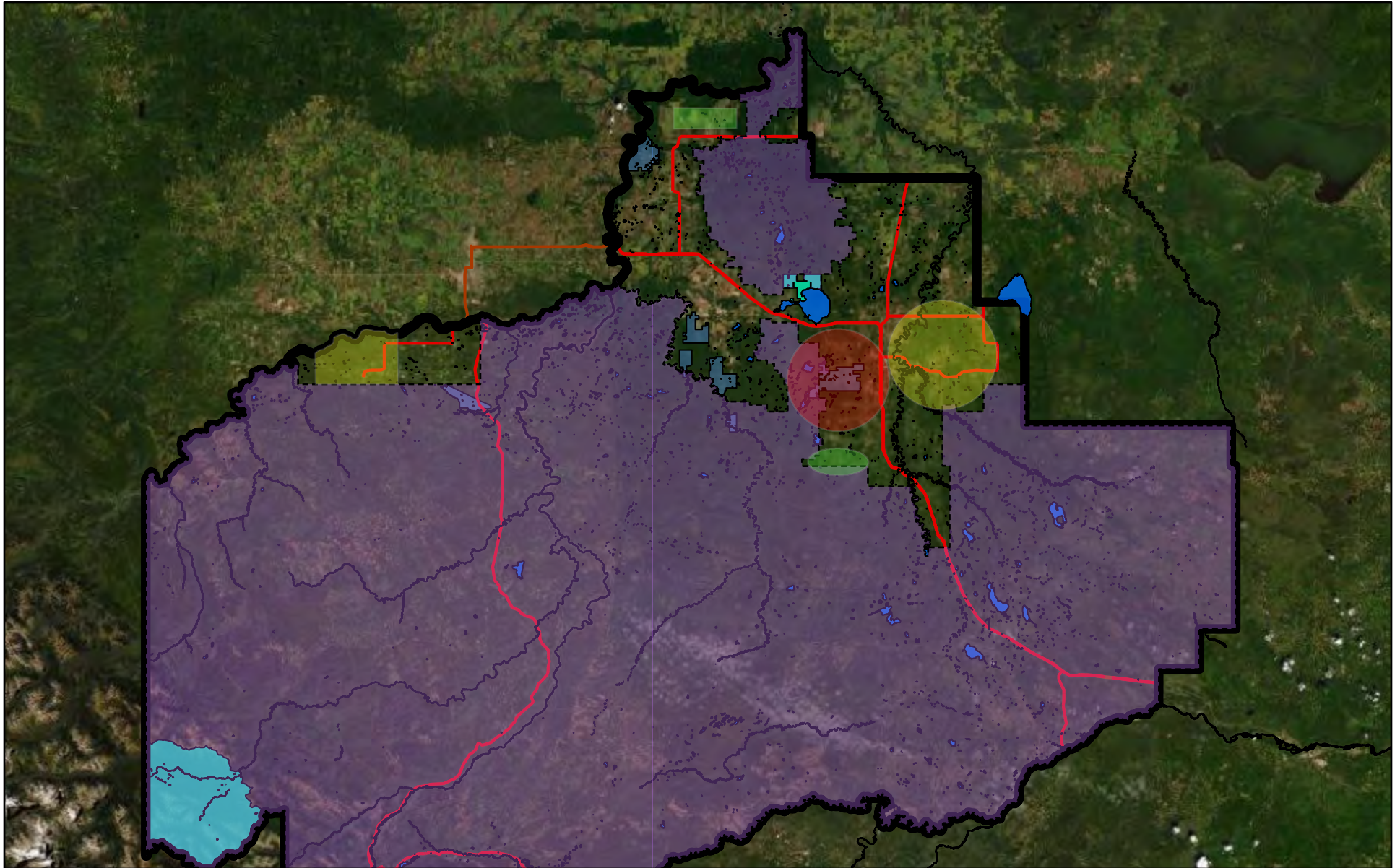
60

1:2,250,000

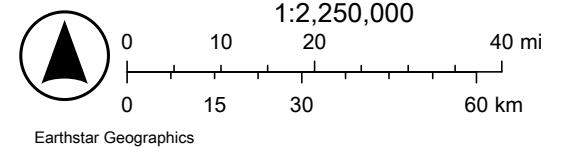
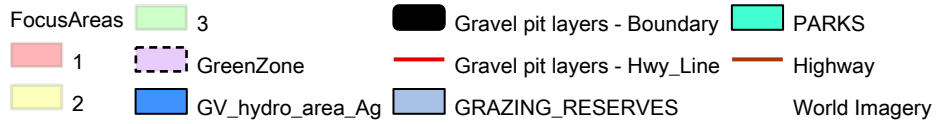


Earthstar Geographics

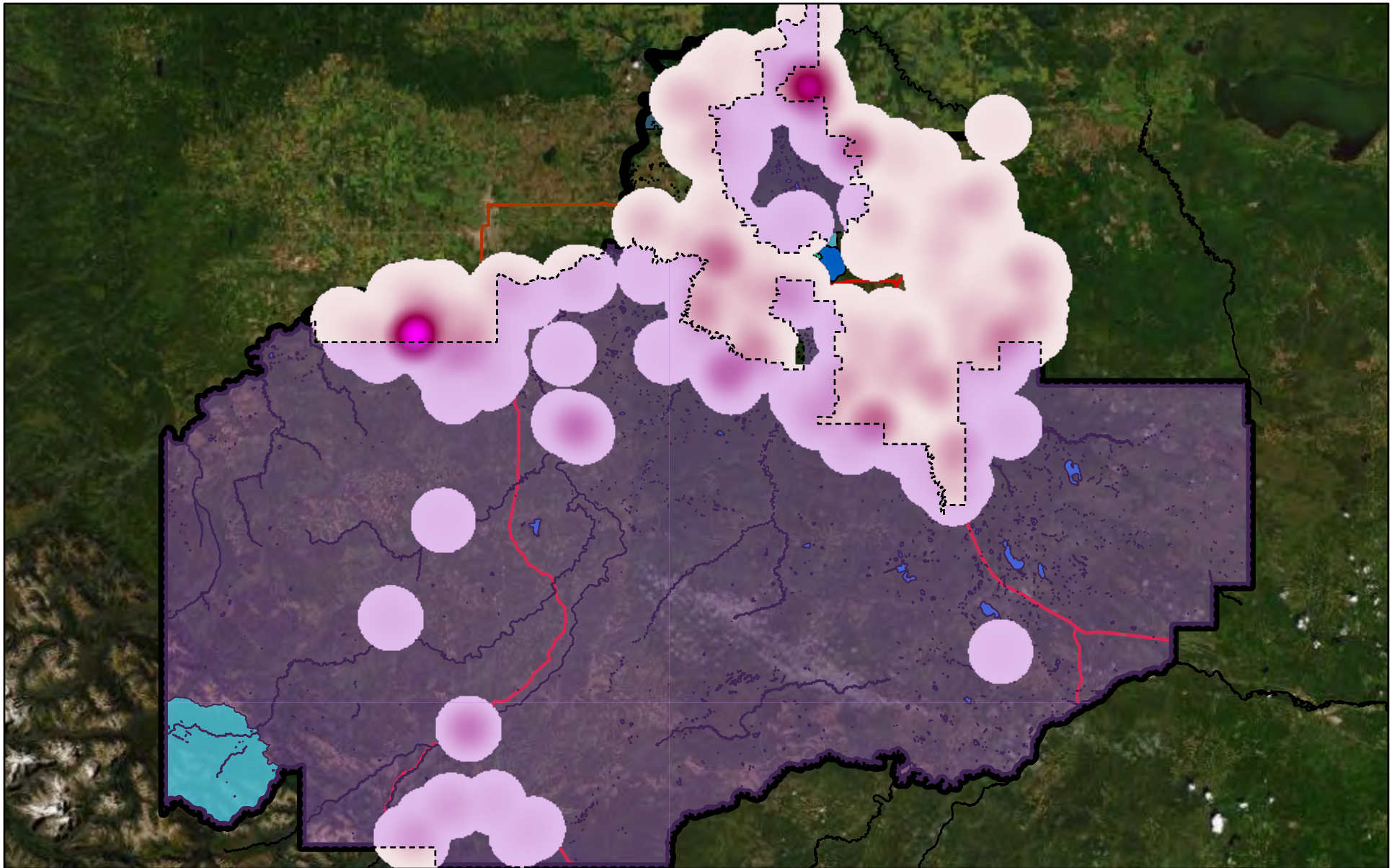
Predation Mitigation Priority Areas



11/7/2022



Wolf Harvest Incentive Submissions

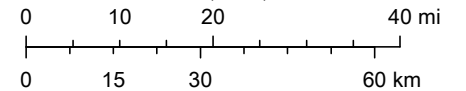


11/7/2022

- GreenZone
- GV_hydro_area_Ag
- GRAZING_RESERVES
- Low
- Gravel pit layers - Boundary
- PARKS
- High
- Gravel pit layers - Hwy_Line
- Highway

World Imagery
 Low Resolution 15m Imagery
 High Resolution 60cm Imagery

1:2,250,000



Earthstar Geographics



REQUEST FOR DECISION

SUBJECT:	Agricultural Service Board Provincial Program Review		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	November 30, 2022	CAO:	MANAGER: SK
DEPARTMENT:	AGRICULTURE	DIR:	PRESENTER: SK
STRATEGIC PLAN:	Governance	LEG:	

RELEVANT LEGISLATION:

Provincial (cite) – Agricultural Service Board Act, RSA 2000

Council Bylaw/Policy (cite) – Policy 6310: Agricultural Service Board

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board accept the report on the 2022 Agricultural Service Board Provincial Review for information, as presented.

BACKGROUND/PROPOSAL:

Every five years, the Government of Alberta reviews municipal Agricultural Service Board programs to ensure they are in line with the deliverables of the Agricultural Service Board Grant. On July 29, 2022, Administration participated in this review through a field visit from a ministerial representative. The representative was provided with a synopsis of Greenview ASB programming, deliverables and site visits. The resultant report noted only one suggestion for improvement to the current programming:

“Recommend maintaining a level of familiarity with the Animal Health Act and exploring the development of programming for emergency carcass disposal (i.e., develop an agricultural emergency response plan). It may be worth having someone from AF come and speak to the ASB about this Act and emergency planning.”

This deliverable is a goal of the strategic plan, and the department hopes to make headway on this deliverable 2023.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that the Agricultural Service Board will be informed as to the review by the provincial representative and the determination that Greenview’s current ASB program is meeting all deliverables, though specific attention was suggested for an emergency carcass disposal plan.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no disadvantages to the recommended action.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board may motion to prioritize the development of an emergency carcass disposal plan, but as it is already a priority for the department, Administration did not recommend this action.

FINANCIAL IMPLICATION:

There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Administration will keep the ASB updated as to the development of an emergency carcass disposal plan in the event of an emergency or reportable disease requiring depopulation efforts of a Greenview Livestock Operation.

ATTACHMENT(S):

- Field Visit Report; July 29, 2022

MD of Greenview Field Visit

July 29, 2022



INTRODUCTION

The Agricultural Service Board (ASB) Program conducts field visits annually to ensure that ASB Grant dollars are being used appropriately to support the objectives of the ASB Grant Program. Information gathered from field visits is used to assist other ASBs in the development and delivery of programs related to the ASB Grant and to provide evidence to the Office of the Auditor General that ASB Grant dollars are being used effectively and efficiently to support programs related to the ASB Act and environmental extension and awareness.

Alberta Agriculture and Forestry (AF) visited 16 municipalities in 2022 for the field visit program. Three municipalities from the South, three from Central, three from Northwest, four from Northeast, and three from the Peace region were chosen to receive a field visit in 2022.

South	Central	Northwest	Northeast	Peace
Cardston	Kneehill	Brazeau	Beaver	Big Lake
Foothills	Mountain View	Parkland	Minburn	Greenview
Willow Creek	Stettler	Lac Ste Anne	Lac La Biche	Peace
			Provost	

EXECUTIVE SUMMARY

Alan Efetha, Agricultural Service Board Specialist, met with Sheila Kaus, Agricultural Fieldman for Municipal District of Greenview on July 29, 2022 to review programs and projects implemented under the various Acts the ASB is delegated to enforce.

Municipal District of Greenview received funding under the Legislative Stream of the ASB Grant. They were able to demonstrate that they had programs related to this funding stream, indicating effective use of ASB Grant dollars to support activities related to the administration of legislative requirements under the *Agricultural Service Board Act*.

OBSERVATIONS

- The partnership between Sheila and the ASB is strong and her team have very proactive and effective pest surveillance and weed control programs.
- I was impressed with the support the council gives to the ASB and the Fieldman and her staff to fulfill their legislative and environmental awareness mandates.
- Overall, the scope of the work the ASB delivers meets the requirements of the ASB Grant Program.

SECTION 1: LEGISLATED DUTIES & REQUIREMENTS

Section 1: Legislated Duties & Requirements

Requirement 1: Legislated activities are reported to council as per section 4 of ASB Act (Summary of activities - Minimum annually)					
Fully Meeting X		Partially Meeting		Not Meeting	
Criteria	Notes	Status		Recommendations	
		Yes	No	Critical	Significant
ASB is appointed by council	<ul style="list-style-type: none"> - Council appointed and approved ASB chair and members during the organizational meeting on October 26, 2021 - ASB include W. Wohlgemuth (chair), S. Morrison (vice Chair), B. Smith, D. Berry, L. Smith, R. Brochu and M Pellerin. - Minutes obtained 	X			
Ag. Fieldman is appointed by Council	<ul style="list-style-type: none"> - Fieldman, Sheila Kaus, was appointed by Council on April 13, 2021. - Councillor Burton moved that council appoint Sheila Kaus as Agricultural Fieldman for MD of Greenview, authorized to carry out duties of weed inspector under the Weed Control Act, Pest inspector under the Agricultural Pest Act, and as soil conservation officer under the Soil Conservation Act. - Minutes obtained. 	X			
ASB members meet section 3 (3) of ASB act (knowledgeable on ag and qualified to develop ag related policies)	<ul style="list-style-type: none"> - ASB members received Orientation training and received an ASB orientation manual. 	X			

	<ul style="list-style-type: none"> - ASB consists of two councillors and five members at large (who are farmers). - ASB members are knowledgeable about agriculture, and qualified to develop agriculture related policies. 				
ASB active	<ul style="list-style-type: none"> - ASB meets monthly and ASB members attend regional and provincial conferences and participate in resolution development. 	X			
Summary of activities provided to council	<ul style="list-style-type: none"> - ASB report is given to Council once per year and frequent updates given during ASB meetings. - ASB activity report is given and presented to council yearly - Council reviewed and ratified ASB yearly business plan. - Council minutes, showing the above activities, were obtain during the field visit. 	X			
Minimum one report(s) provided to council per year	<ul style="list-style-type: none"> - ASB annual report is given and presented to Council once per year. 	X			
Council accepts the annual report	<ul style="list-style-type: none"> - ASB report is accepted by Council once per year. - Council accepted and approved the ASB annual report on March 22, 2021. 	X			

Requirement 2: ASB acts as an advisory body to council to support section 2 (a) through (e) of ASB Act.		
Fully Meeting X	Partially Meeting	Not Meeting

Criteria	Notes	Status		Recommendations	
		Yes	No	Significant	Enhancement
ASB provides input into municipal plans on areas of agricultural interest	<ul style="list-style-type: none"> - ASB business/strategic plan exists and feeds into the municipality's business plan (a copy of the strategic plan was obtained. - ASB business plan is reviewed annually 	X			

Requirement 3: Promote and develop agricultural policies as per ASB Act Section 2e (Minimum annually; Current within year; policies and bylaws for the following:

- **Weed Act**
- **Agricultural Pests Act**
- **Soil Conservation Act**
- **Animal Health Act**
- **ASB Act**

Fully Meeting X	Partially Meeting	Not Meeting
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Criteria	Notes	Status		Recommendations		
		Yes	No	Critical	Significant	Enhancement
ASB has and applies policies and/or bylaws for WCA	<ul style="list-style-type: none"> - Weed Control - Roadside Vegetation Management - Crop Destruction - Scentless camomile incentive program 	X				
ASB has and applies policies and/or bylaws for APA	<ul style="list-style-type: none"> - Pest Control - Bylaw 22-895: Unlegislated Agricultural Pests - Pest Surveillance Reporting - Coyote Predation - Clubroot of Canola 	X				
ASB has and applies policies and/or bylaws for SCA	<ul style="list-style-type: none"> - Soil Conservation 	X				

ASB has and applies policies and/or bylaws for <i>AHA</i>	<ul style="list-style-type: none"> - Animal Health policy - Veterinary Services Incorporated (VSI) Policy - The County has a Livestock Emergency Response plan associated with <i>AHA</i>. 	X				
ASB has and applies policies and/or bylaws for <i>ASB</i> act	<ul style="list-style-type: none"> - ASB Orientation - ASB Meeting Schedule - ASB Motion Tracker 2022 - ASB policy - ASB establishment Bylaw 	X				

Requirement 4: Appeal committees meet requirements of Acts.						
Fully Meeting X		Partially Meeting			Not Meeting	
Criteria	Notes	Status		Appeal Committee Names	Recommendations	
		Yes	No		Critical	Significant
ASB has appeal committee that meets the <i>WCA</i>	- Confirmed the appointment of “independent appeal committee” in the council meeting minutes	X		WCA appeal committee is independent and made up of intermunicipal weed and pest appeal board members for the 2022 calendar year: (Richard Bruchu, Shelley Morrison, Mark Pellerin, Larry Smith, Warren Wohlgemuth, Doug Meneice, Duene Nichols, George Blackhust, Brianne Brault, Terry Ungarian, Linda Halabisky, Kayln Schug, Gary These, Brenda Yasinki, Brent Reese, Gloria Dechant, Simon Lavoie, Kristy Belzile, and Megan Allard)		

ASB has appeal committee that meets the <i>APA</i>	- Appeal committee is in place and confirmed appointed and approved in the council minutes of the January 25, 2022, meeting* (Section 14(5) of the <i>APA</i> (288/20 Acts Appeal Committee	X		APA appeal committee is made up of intermunicipal weed and pest appeal board members for the 2022 calendar year: (Richard Bruchu, Shelley Morrison, Mark Pellerin, Larry Smith, Warren Wohlgemuth, Doug Meneice, Duene Nichols, George Blackhust, Brianne Brault, Terry Ungarian, Linda Halabisky, Kayln Schug, Gary These, Brenda Yasinki, Brent Reese, Gloria Dechant, Simon Lavoie, Kristy Belzile, and Megan Allard)		
ASB has an appeal committee that meets the <i>SCA</i>	- Council appointed and approved the ASB as the <i>SCA</i> using the Soil Conservation policy	X				

Requirement 5: Inspector Appointments and Inspections						
Fully Meeting		Partially Meeting X		Not Meeting		
Criteria	Notes	Status		Recommendations		
		Yes	No	Critical	Significant	Enhancement
Local authority appoints inspectors under the <i>WCA</i> 7(1)	- Council appointed 22 inspectors on May 10, 2022	X				
Local authority provides inspectors with identification <i>WCA</i> 10 (1)	- 22 inspectors are provided with valid identification card.	X				

	<ul style="list-style-type: none"> - 5 prohibited noxious weed sites were inspected and weeds destroyed - 1066 noxious weed sites were inspected and 100 weeds types controlled. - 2460 km of municipal roadway were sprayed to control weeds annually. 					
Local authority appoints sufficient # inspectors under the APA 9 (1) (2) 10 (1) (2)	<ul style="list-style-type: none"> - 22 inspectors were appointed by Council on May 10, 2022 and were provided with valid identification card. 	X				
Local authority provides inspectors with identification APA 17 (3)	<ul style="list-style-type: none"> - 22 inspectors are provided with valid identification card per year. 	X				
Inspector(s) with Form 7 certification APA Regulation 14 (2)	<ul style="list-style-type: none"> - 3 inspectors have valid Form 7 (i.e. permit for Coyote and Skunk control). - Participated in various agricultural pest control program - Disease survey completed include: 523 Clubroot, 64 Virulent Blackleg, and 2 Wheat head pathogens. - Two Bertha Army Worms and 58 grasshopper surveys were completed. 	X				
Local authority appoints at least one inspector under the SCA 15 (1) (2)	<ul style="list-style-type: none"> - 3 soil conservation officers were appointed and performed 5 inspections under the SCA. 	X				

<p>Municipality meets requirements listed in section 2c of ASB Act for AHA</p>	<ul style="list-style-type: none"> - ASB staff is ready to reports diseases and assist in case of emergency related to the AHA. - Livestock emergency response plan does not exist. - AHA policy exists - Municipality participates in Veterinary Services Incorporated (VSI) and has developed a VSI policy. 		<p>X</p>			<ul style="list-style-type: none"> - Recommend maintaining a level of familiarity with the <i>Animal Health Act</i> and exploring the development of programming for emergency carcass disposal (i.e. develop an agricultural emergency response plan). It may be worth having someone from AF come and speak to the ASB about this Act and emergency planning. *For general information on Agricultural Emergency Planning contact Brad Andres at 780 638-3204 or brad.andres@gov.ab.ca;
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Weed control policy is used to achieve compliance.

Example of enforcement process (explain process for enforcement under WCA / APA, etc.):

The process starts with awareness of local weed and pest issues and of the municipal surveillance program. When pest issue is found, the landowner is notified (usually the rate payer is given 3 notifications prior to a weed notice being issued). If control is not undertaken, a weed notice is issued. If notice is not followed, enforcement occurs and action is taken to control pest. Detailed records on communications and inspections are kept.

Requirement 6: Act Compliance & Enforcement						
Fully Meeting X		Partially Meeting		Not Meeting		
Criteria	Notes	Status		Recommendations		
		Yes	No	Critical	Significant	Enhancement
Local authority has procedures in place for issuing notices and tracking enforcement under the <i>WCA</i> Part 3	<ul style="list-style-type: none"> - Inspection programs are proactive driven - Follow the procedure listed in the <i>WCA</i>. - 22 weed inspectors were appointed in 2021 - Weed control policies are used to achieve compliance: - Enforcement process: the process starts identifying the weed issue, contact landowner with a report of the issue, re-inspect the site for compliance and if no compliance, a weed notice is issued following procedure outlined in the <i>WCA</i>. - 2460 km of right of ways/diches were sprayed to control regulated weed species in 2021. - 100 weed issues were resolved. 	X				
Seed cleaning plants licensed <i>WCA</i> Regulation Part 1 (2) – (7)	<ul style="list-style-type: none"> - Municipality does not have any seed cleaning plant. 	X				
Local authority has procedures in place for issuing notices and tracking enforcement under the <i>APA</i> 12 (1) – (4) 13 (1) and <i>APA</i>	<ul style="list-style-type: none"> - Inspection programs are complain and proactive driven - Follow the procedure listed in the <i>APA</i>. 	X				

Pest & Nuisance Control Regulation 14 (2) (3) (6) (7) (8) (9) (13)	<ul style="list-style-type: none"> - Appointed 22 pest inspectors in 2021. - Pest control policy is used to achieve compliance: - Participate in pest management: surveillance of Insects (bertha Army Worms and grasshoppers) and Crop disease (Clubroot, wheat head pathogens, and Balckleg) and the Control of vertebrates (have 3 valid Form 7 certificates). 					
Local authority has procedures in place under the SCA 4 (1) (2), 5 6 (1) – (3) * procedure to monitor soil condition is mandatory; actions taken are based upon local circumstances	<ul style="list-style-type: none"> - Inspection programs are both complaint and proactive. - The Fieldman is the conservation officer. - 5 soil conservation inspections were conducted in 2021 on at-risk fields. - Have soil conservation policy and awareness program. 	X				

Requirement 7: Program & Policy Awareness (Section 2 of ASB Act)					
Fully Meeting X		Partially Meeting		Not Meeting	
Criteria	Notes	Status		Recommendations	
		Yes	No	Significant	Enhancement
ASB has E&A programs in place for all legislated responsibilities under ASB Act 2 (b) – (c)	<ul style="list-style-type: none"> - Strong education and awareness (E&A) programs exist for producers and rural residents for WCA and APA (e.g. awareness 	X			

	<p>programming informs on responsibilities, processes, enforcement and policies, etc.).</p> <ul style="list-style-type: none"> - The ASB uses a variety of extension tools to build awareness on weed and pest issues as well as other ASB Programming. This includes news releases; media releases; newspaper articles, factsheets/guides (digital and print), newsletters, extension events (in-person and on-line), Ag. tours, county website, social media, and workshops 				
ASB has programs in place for all legislated responsibilities under ASB Act 2 (d) (e)	<ul style="list-style-type: none"> - ASB is ready to assist with control of animal disease and to report a notifiable diseases - <i>AHA</i> policy exists 	X			

Recommendations Categories

Critical: directly impacts legislated requirements with implications for grant fund disbursements

Significant: directly impacts legislated requirements without implications for grant fund disbursements

Enhancement: indirectly impacts legislated requirements and provided for continuous improvement

Recommendations Process

- √ Recommendations for the ASB are categorized based upon the criteria’s impact on the requirement.
- √ Due dates reflect the timeframe permitted for the identified issue to be resolved by the ASB.
- √ Signatures accepting the recommendations reflect the ASB’s commitment to resolve the issue by the due date.
- √ Materials substantiating the resolution of the issue are provided by the ASB to the Minister’s representative by the due date.
- √ The Minister’s representative in conjunction with the ASB unit reviews all submitted materials to assess whether the actions taken are sufficient to resolve the issue and meet the requirements’ criteria.

- √ If the issue is assessed as resolved, the Minister’s representative will sign off on the recommendation. If further actions are required, the ASB Unit Manager and Minister’s representative will work with the ASB until the issue is closed and requirements are met.

Field Visit Recommendations Plan Summary (for all critical and significant recommendations)				Recommendation Tracking	
Requirement	Recommendation	Critical / Significant / Enhancement	Due Date	Assessment Decision	Approved by/Date
	<ul style="list-style-type: none"> - Recommend maintaining a level of familiarity with the <i>Animal Health Act</i> and exploring the development of programming for emergency carcass disposal (i.e. develop an agricultural emergency response plan). It may be worth having someone from AF come and speak to the ASB about this Act and emergency planning. *For general information on Agricultural Emergency Planning contact Brad Andres at 780 638-3204 or brad.andres@gov.ab.ca; 	Enhancement	May 31, 2023		

Recommendations accepted:

ASB Chair: Warren Wohlgemuth

Signature of ASB Chair: _____

Date: _____

Agricultural Fieldmen: Sheila Kaus

Signature of Ag Fieldmen _____

Date: _____

Recommendations assessment:	
Reviewed by: _____	Date: _____
Assessment decision: _____	Date: _____



REQUEST FOR DECISION

SUBJECT:	Barbeque Repairs	REVIEWED AND APPROVED FOR SUBMISSION	
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	CAO:	MANAGER: SK
MEETING DATE:	November 30, 2022	DIR:	PRESENTER: SK
DEPARTMENT:	AGRICULTURE	LEG:	
STRATEGIC PLAN:	Governance		

RELEVANT LEGISLATION:

Provincial (cite) –

Council Bylaw/Policy (cite) –

RECOMMENDED ACTION:

MOTION 1: That the Agricultural Service Board recommend to Council that the barbeque be repaired and surplused in 2023.

BACKGROUND/PROPOSAL:

In June of this year, the barbeque experienced a severe malfunction leading to a fire. The unit was not insured at the time. Sourcing a qualified professional to assess the damage took a significant amount of time, leading to the delay of this report. Damages total over \$9,000. The barbeque is not rented frequently, having only 27 rental days over the past 5 years. Additionally, the unit carries a high level of risk due to carrying gas within the trailer. Administration recommends the barbeque be removed from the rental fleet and surplused in 2023 or used only for internal purposes.

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the recommended action is that the Agricultural Service Board will make a recommendation to Council to lessen overall risk of the rental program.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. The disadvantage of the recommended action is that ratepayers will no longer have access to the barbeque for non-profit events.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board may choose to recommend to Council keeping the barbeque as a rental unit. Administration does not recommend this due to the serious nature of the incident and the high potential of it reoccurring.

FINANCIAL IMPLICATION:

\$9,000 in repairs

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

Should the Agricultural Service Board follow the recommended action, Administration will forward the request for decision on this matter to Council.

ATTACHMENT(S):



MUNICIPAL DISTRICT OF GREENVIEW No. 16

Manager's Report

Department: Agricultural Service Board

Submitted by: Sheila Kaus, Manager, Agricultural Services

Date: 11/30/2022

By October 28th, 1,405 Canada thistle infestation polygons along Greenview rights-of-way had been documented. This record will allow administration to direct staff to control these areas at the optimum time of control and provide a potential opportunity to work with landowners to spray from the land out into the right of way.

Communications with the Public Lands at the Province revealed that biocontrol is something they would be interested in compensation Greenview for, should the department elect to use biocontrol to control infestations on vacant public lands. A meeting to discuss weed control in the Wilmore Wilderness area is booked for December 14th in Grande Prairie.

Agricultural Services addressed a storage issue within the Valleyview yard site. Small rental equipment had previously been stored on the cement pad outside the Agricultural Services shop. Working with Facilities, pallet racking was purchased and set up along the north wall of the shop. All small rental equipment is now stored inside, eliminating storage areas from the shop floor and cement pad outside. All rental equipment has been assessed for maintenance with a list having been compiled. This list will be provided to the Fleet Coordinator in the hopes of some of the maintenance issues being addressed as mechanic staff have time throughout the winter.

The Landcare Coordinator closed out the Agricultural Extension and Outreach program calendar for 2022 with the following events:

- Getting Into Horticulture Webinar Pt. 1 October 26 7-8:30pm
- Getting into Horticulture Pt. 2 November 8, 7-8:30pm
- Working Well/Septic Sense, Greenview Regional Multiplex, November 3, 2pm-8:30pm (supper included)
- Snaring Workshop, Agricultural Services Building, November 5th, 9am-4pm

Response to the increased outreach and extension has been good. The department has been asking attendees to complete evaluation forms to gauge what Greenview ratepayers like about the workshops and provide stakeholders an opportunity to request a workshop that we may not have addressed. It is hoped this process will

result in programming by Greenview ratepayers, for Greenview ratepayers. Prior to commencement of the fall extension schedule, the Landcare Coordinator released a survey to assess what Greenview ratepayers were currently interested in attending. This information was used to plan the fall extension and outreach schedule.



Thus far in 2022, 27 wolves were submitted for incentive, totaling \$8,100.00 and 257 beavers have been submitted for incentive, totaling \$7,710.00. Total hunting incentive payments for 2022 stand at \$15,800.

Problem Wildlife Work Orders

File Status	Beaver-MD	Beaver-Ratepayer	Customer Service	Predation	TOTAL
In Queue					
Open	0	0	0	3	3
Closed	71	46	21	22	160
TOTALS	71	46	21	25	163

The Problem Wildlife team has completed 160 work orders, harvested 258 problem beaver, and removed 33 dams impacting infrastructure. Dam blasting for 2022 is complete. 47 beaver carcasses were sold to an outfitter and 6 sold for dog food with funds returned to Greenview. Arrangements are being finalized with a fur buyer to purchase culled coyote whole, eliminating the requirement of staff to skin animals to recoup some costs. 6 coyotes and one fox have been trapped to date.

In a team effort, the Landcare Coordinator and the Problem Wildlife team developed a predation management strategy that will be presented at the November 23rd ASB meeting. Problem Wildlife Staff facilitated the Snaring workshop which was well attended.

Procurement of winter trapping supplies has almost concluded, and snare building has begun for the upcoming season. Important contacts with Provincial representatives have been made. Discussions with Wildlife Biologists regarding adding Coyote to the Greenview Damage Control License, with specification for foothold trapping in specific situations on private land, were successful. This will be an addition for 2023, allowing problem wildlife staff to assist ratepayers experiencing issues with coyotes where the risk to domestic dogs is high outside of the regular trapping season. These discussions will be taken forward to the Provincial Pest Specialist to potentially include foothold trapping by holders of a Form 7 to provide this service in incidence of coyote predation or harassment. A Form 7 is the required training to allow staff to intercede to assist producers experiencing coyote predation. Additionally, this discussion also led to the allowance for trail cams to be used

to meet the 24-hr trap check requirement that is included in the trapping regulations on private lands. Using trail cams for this purpose improves management of trapping sites, allowing problem wildlife staff to manage the vast geography of Greenview and reducing transportation required to check traps. One coyote and one fox were trapped this week in the DeBolt area.

Contact was made with the Wildlife Conflict Specialist regarding the significant predation issues experienced by the specific areas within Greenview this past summer. Groundwork by the Problem Wildlife Assistant to assess the area this winter will proceed, with the understanding that the Grazing Reserve Board would be required to agree with the activity. The Wildlife Conflict Specialist is hopeful the Board will approve of this approach as losses were significant.

VSI Quarterly Reports and Service Breakdown – 2022

Third quarter VSI totals for 2022 have still not arrived. The annual AGM is on November 4th in Peace River.

	# Services	2022	2021	2020	+/- (%)
Total 1st Quarter	70	\$17,268.52	\$19,269.77	\$21,172.35	-8.99%
Total 2nd Quarter	175	\$33,563.50	\$33,953.33	\$36,569.40	-1.15%
Total 3rd Quarter	41	\$6,361.23	\$ 8,382.80	\$ 8,342.09	-24.1%
Total 4th Quarter			\$40,995.55	\$34,228.60	
2022 Claims			\$102,601.45	\$100,312.44	-7.2%

Preg Checks: 2423
 Semen Testing: 485
 C-Sections: 13
 Exams: 53

Rental Equipment stands at 554 rental days up to November 23, 2022.



REQUEST FOR DECISION

SUBJECT:	Correspondence		
SUBMISSION TO:	AGRICULTURAL SERVICES BOARD	REVIEWED AND APPROVED FOR SUBMISSION	
MEETING DATE:	October 5, 2022	CAO:	MANAGER: SK
DEPARTMENT:	AGRICULTURE	DIR:	PRESENTER: SK
STRATEGIC PLAN:	Level of Service	LEG:	

RELEVANT LEGISLATION:

Provincial (cite) – N/A

Council Bylaw/Policy (cite) – N/A

RECOMMENDED ACTION:

MOTION: That the Agricultural Service Board accept the correspondence for information, as presented.

ATTACHMENT(S):

1. November 9, 2022 Water Equivalency Maps

UPCOMING EVENT(S):

1. Provincial ASB Conference, January 17-19
2. Peace Country Beef Congress, January 6th+7th
3. Crossroads Conference, January 24+25
4. Beef Industry Conference, February 22+23

BENEFITS OF THE RECOMMENDED ACTION:

1. The benefit of the Agricultural Service Board accepting the recommended motion is that the Board will be made aware of the events, seminars and conferences within the agricultural community throughout the Province.

DISADVANTAGES OF THE RECOMMENDED ACTION:

1. There are no perceived disadvantages to the recommended motion.

ALTERNATIVES CONSIDERED:

Alternative #1: The Agricultural Service Board has the alternative to alter or deny the recommended motion.

FINANCIAL IMPLICATION:

There are no financial implications to the recommended motion.

STAFFING IMPLICATION:

There are no staffing implications to the recommended motion.

PUBLIC ENGAGEMENT LEVEL:

Greenview has adopted the IAP2 Framework for public consultation.

INCREASING LEVEL OF PUBLIC IMPACT

Inform

PUBLIC PARTICIPATION GOAL

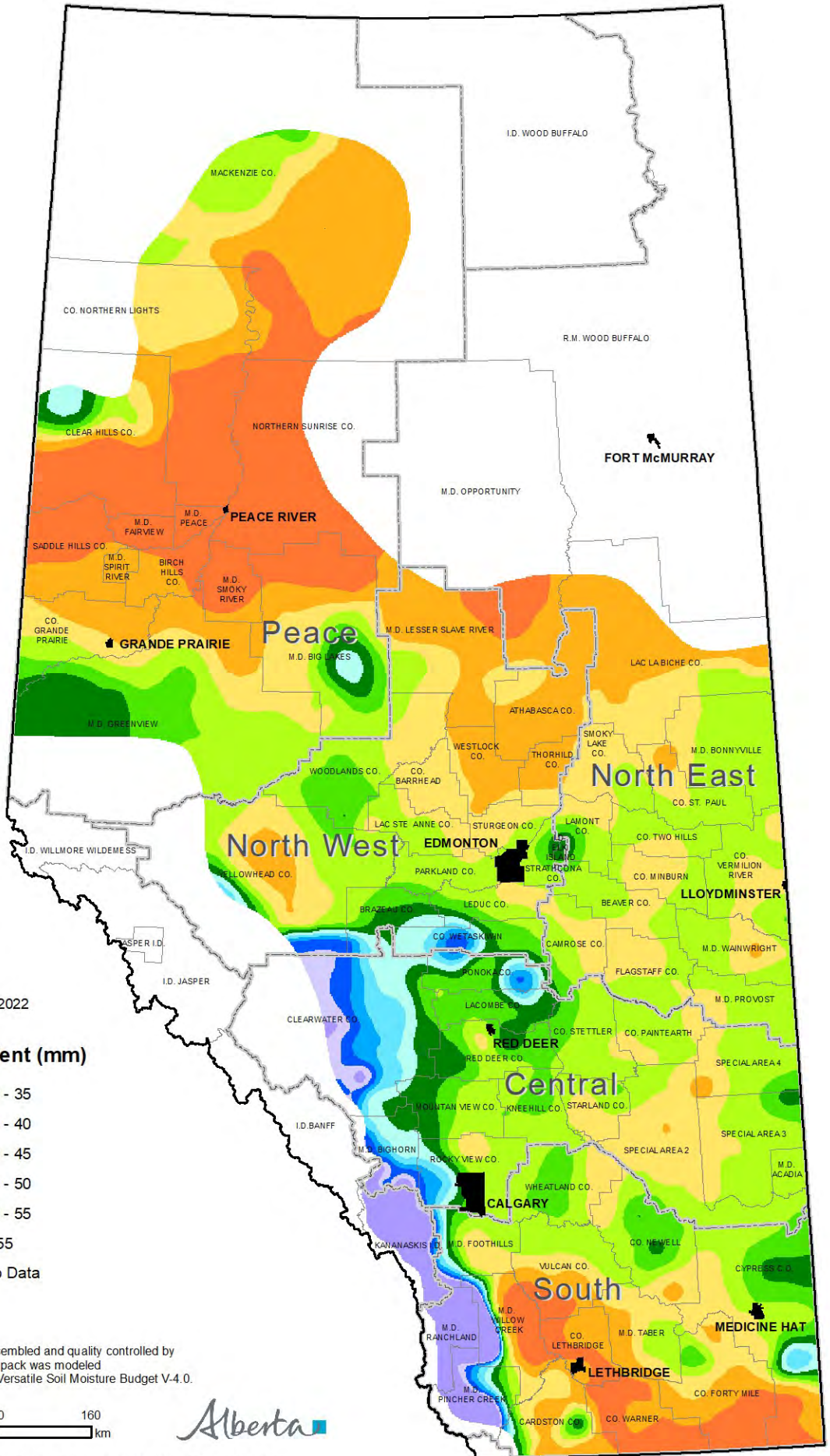
Inform - To provide the public with balanced and objective information to assist them in understanding the problem, alternatives, opportunities and/or solutions.

PROMISE TO THE PUBLIC

Inform - We will keep you informed.

FOLLOW UP ACTIONS:

There are no follow up actions to the recommended motion.



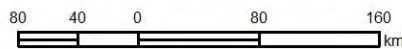
Snow Pack Water Equivalent on Stubble Fields

Estimated as of November 08, 2022

Snow Water Equivalent (mm)













	< 1		30 - 35
	1 - 5		35 - 40
	5 - 10		40 - 45
	10 - 15		45 - 50
	15 - 20		50 - 55
	20 - 25		> 55
	25 - 30		No Data

Near-real-time weather data was assembled and quality controlled by Agriculture and Irrigation. The snow pack was modeled for stubble fields using the modified Versatile Soil Moisture Budget V-4.0.

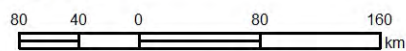


Snow Pack Accumulations on Stubble Fields Relative to Long Term Normal

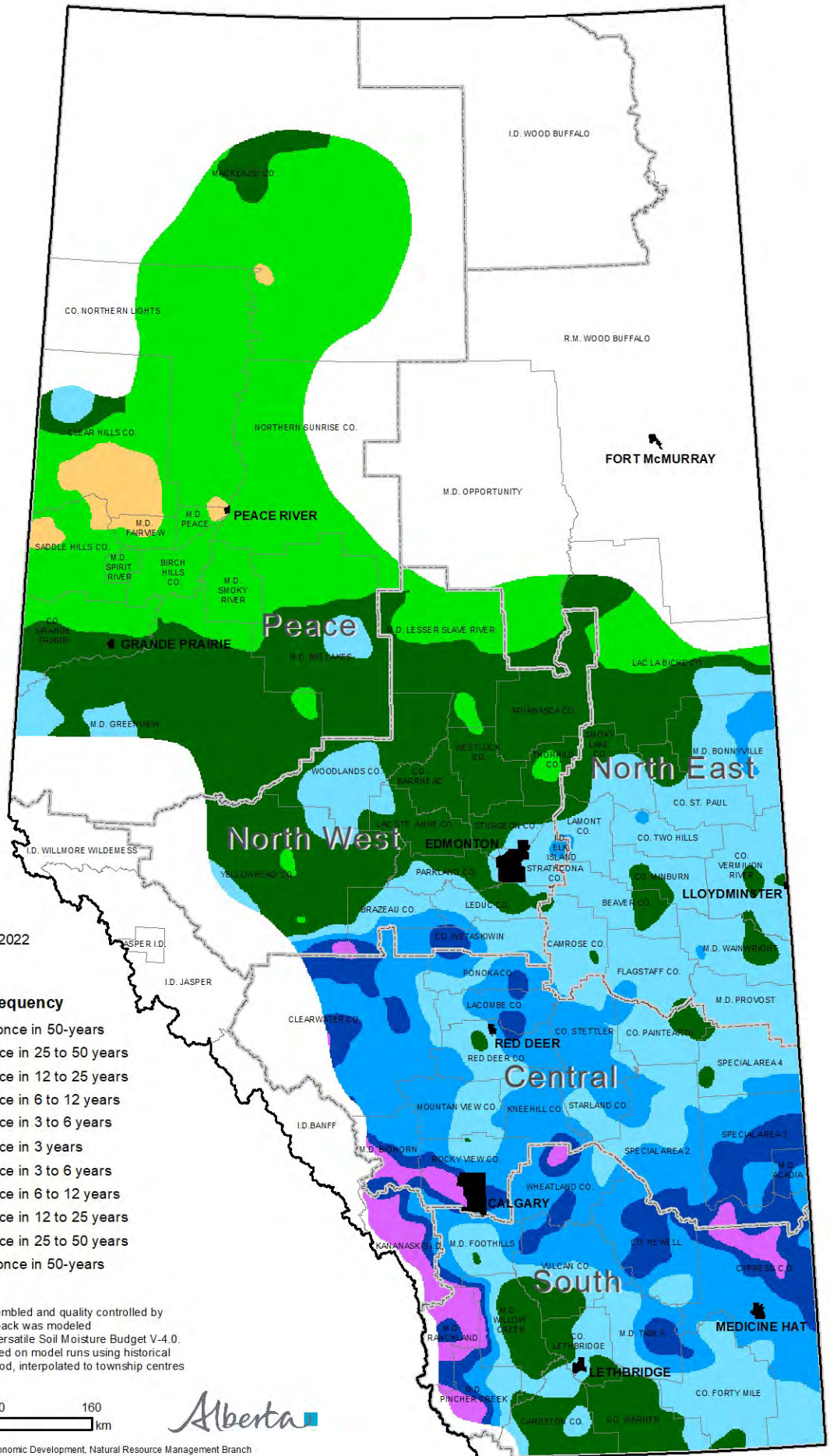
Estimated as of November 08, 2022

Condition	Frequency
	< once in 50-years
	once in 25 to 50 years
	once in 12 to 25 years
	once in 6 to 12 years
	once in 3 to 6 years
	once in 3 years
	once in 3 to 6 years
	once in 6 to 12 years
	once in 12 to 25 years
	once in 25 to 50 years
	< once in 50-years
	no data

Near-real-time weather data was assembled and quality controlled by Agriculture and Irrigation. The snow pack was modeled for stubble fields using the Modified Versatile Soil Moisture Budget V-4.0. The frequency of occurrence was based on model runs using historical weather data from the 1961-2021 period, interpolated to township centres using AbClime-3.6



Compiled by Agriculture, Forestry and Rural Economic Development, Natural Resource Management Branch
Created on November 09, 2022

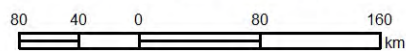


30-Day Precipitation Accumulations Relative to Long Term Normal

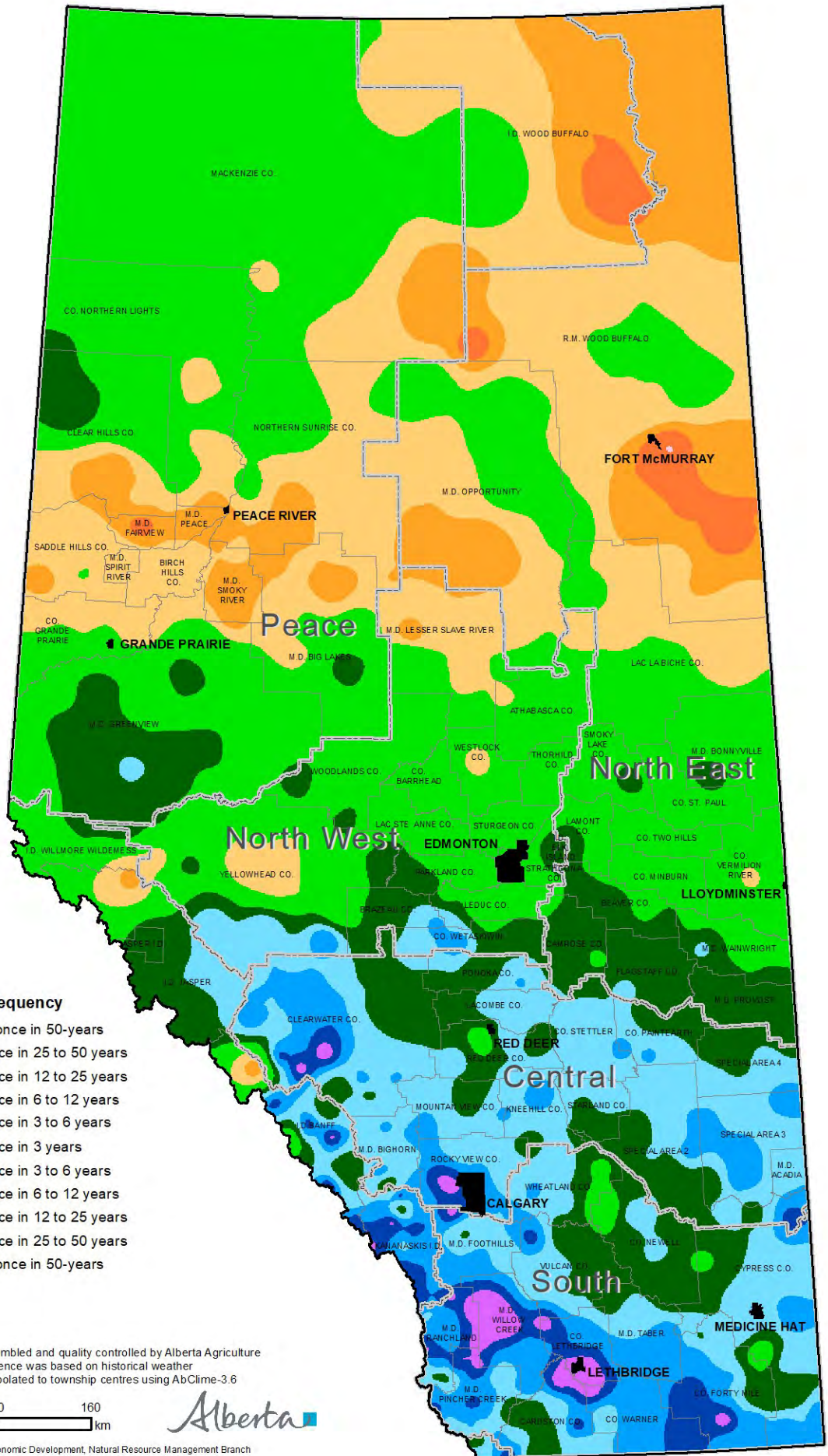
October 10, 2022 to
November 08, 2022

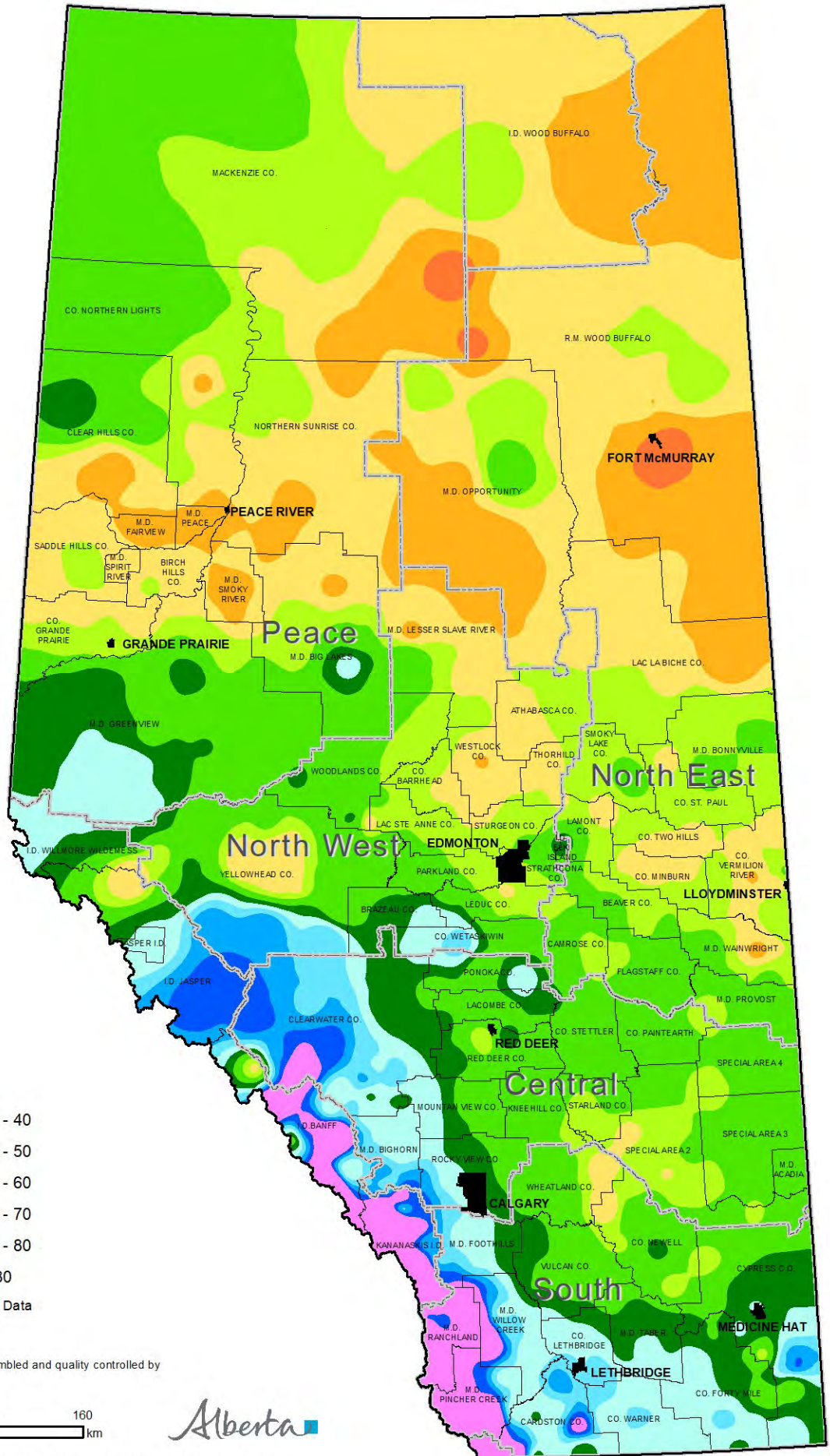
Condition	Frequency
	< once in 50-years
	once in 25 to 50 years
	once in 12 to 25 years
	once in 6 to 12 years
	once in 3 to 6 years
	once in 3 years
	once in 3 to 6 years
	once in 6 to 12 years
	once in 12 to 25 years
	once in 25 to 50 years
	< once in 50-years
	no data

Near-real-time weather data was assembled and quality controlled by Alberta Agriculture and Forestry. The frequency of occurrence was based on historical weather data from the 1961-2021 period, interpolated to township centres using AbClima-3.6



Compiled by Agriculture, Forestry and Rural Economic Development, Natural Resource Management Branch
Created on November 09, 2022





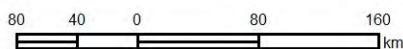
Precipitation Received During the Past 30-days

October 10, 2022 to November 08, 2022

Precipitation (mm)

	< 1		30 - 40
	1 - 3		40 - 50
	3 - 5		50 - 60
	5 - 10		60 - 70
	10 - 15		70 - 80
	15 - 20		> 80
	20 - 30		No Data

Near-real-time weather data was assembled and quality controlled by Agriculture and Irrigation.



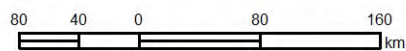
Compiled by Alberta Agriculture Forestry and Rural Economic Development, Natural Resource Management Branch created on

90-Day Precipitation Accumulations Relative to Long Term Normal

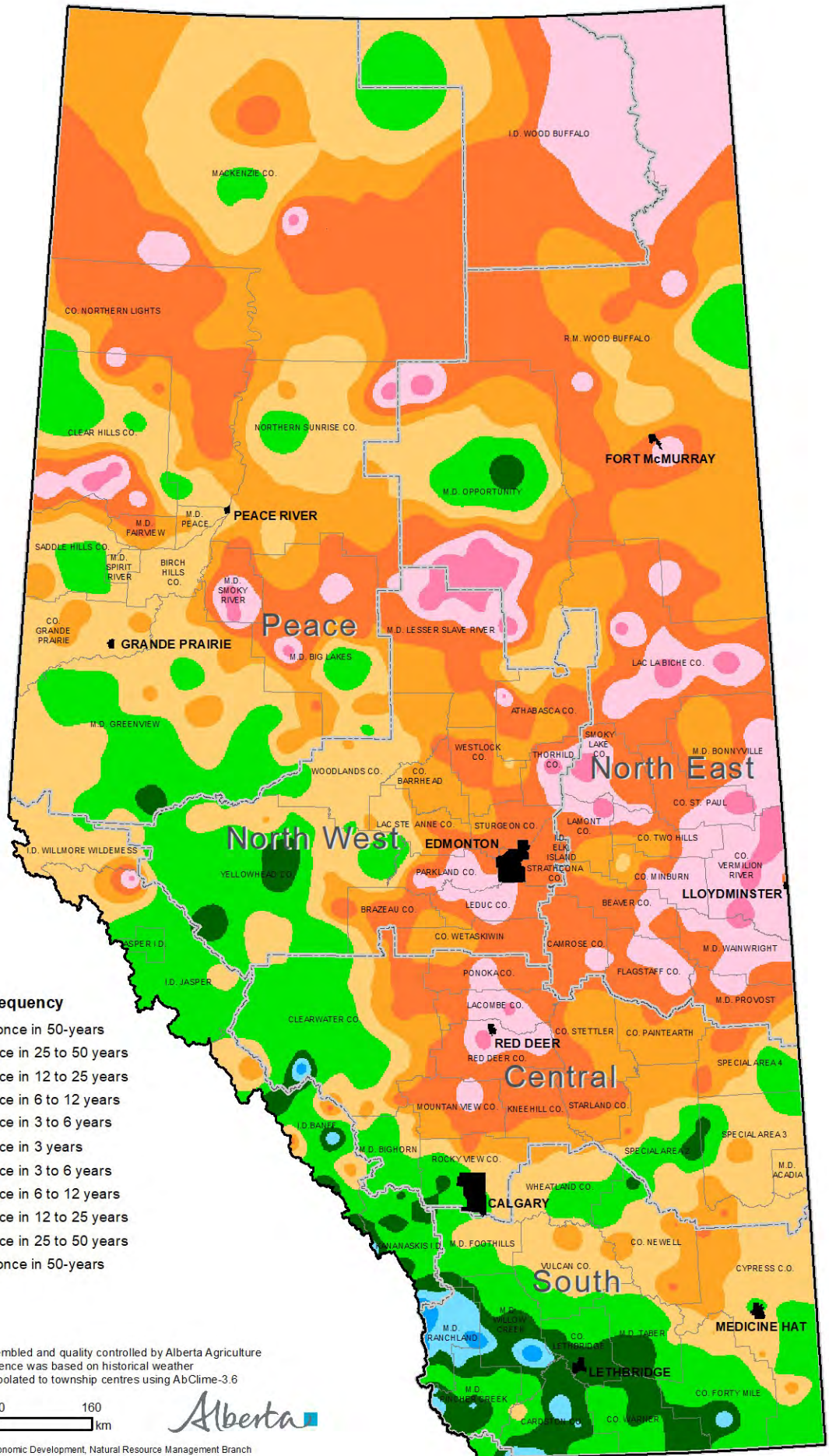
August 11, 2022 to
November 08, 2022

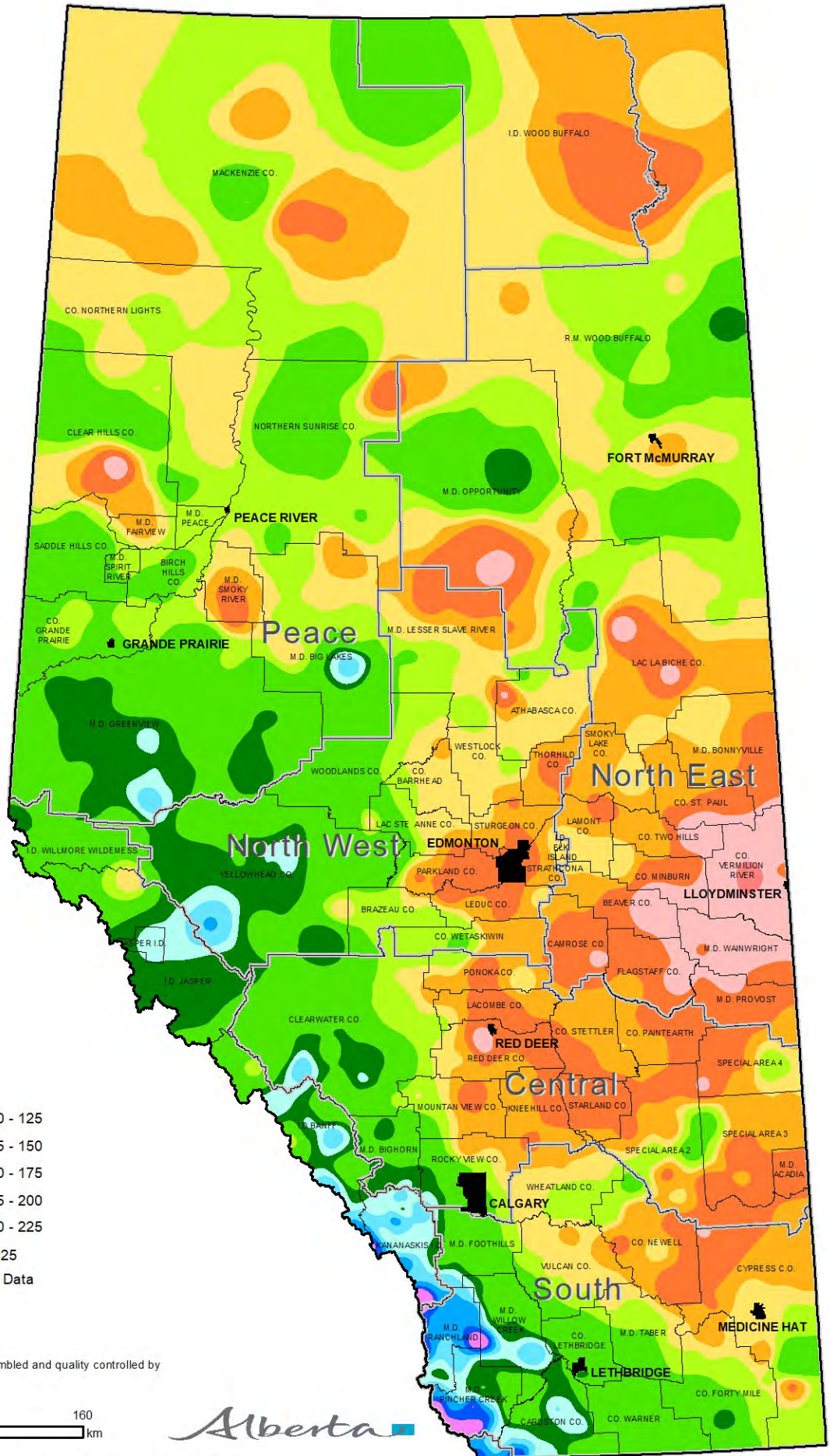
Condition	Frequency
	< once in 50-years
	once in 25 to 50 years
	once in 12 to 25 years
	once in 6 to 12 years
	once in 3 to 6 years
	once in 3 years
	once in 3 to 6 years
	once in 6 to 12 years
	once in 12 to 25 years
	once in 25 to 50 years
	< once in 50-years
	no data

Near-real-time weather data was assembled and quality controlled by Alberta Agriculture and Forestry. The frequency of occurrence was based on historical weather data from the 1961-2021 period, interpolated to township centres using AbClima-3.6



Compiled by Agriculture, Forestry and Rural Economic Development, Natural Resource Management Branch
Created on November 09, 2022





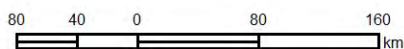
Precipitation Received During the Past 90-days

August 11, 2022 to November 08, 2022

Precipitation (mm)

0 - 20	100 - 125
20 - 30	125 - 150
30 - 40	150 - 175
40 - 50	175 - 200
50 - 60	200 - 225
60 - 75	> 225
75 - 100	No Data













Near-real-time weather data was assembled and quality controlled by Agriculture and Irrigation.



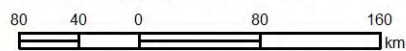
Alberta

Spring Wheat Soil Moisture Reserves Relative to Long Term Normal to a Depth of 120 cm

Estimated as of November 08, 2022

Condition	Frequency
 driest	< once in 50-years
 extremely low	once in 25 to 50 years
 very low	once in 12 to 25 years
 low	once in 6 to 12 years
 moderately low	once in 3 to 6 years
 near normal	once in 3 years
 moderately high	once in 3 to 6 years
 high	once in 6 to 12 years
 very high	once in 12 to 25 years
 extremely high	once in 25 to 50 years
 wettest	< once in 50-years
 no data	

Near-real-time weather data was assembled and quality controlled by Agriculture and Irrigation. Soil moisture was modeled for spring wheat on medium textured soils using the modified Versatile Soil Moisture Budget V-4.0. The frequency of occurrence was based on model runs using historical weather data from the 1961-2021 period, interpolated to township centres using AbClime-3.6



Compiled by Agriculture, Forestry and Rural Economic Development, Natural Resource Management Branch
Created on November 09, 2022

