



TECHNICAL REVIEW COMMITTEE

**A TECHNICAL REVIEW REPORT
PREPARED FOR THE**

Municipality of Lorne

Mangin Bros. Dairy Ltd.

**SW 1/4 33-06-11 W and
NW 1/4 28-06-11 W**

TRC 12-122

June 29, 2026

A. INTRODUCTION – THE TEAM

The Technical Review Committee (TRC) is supported by the following department personnel:

Agriculture (AGR)

- Agri-Resource Engineer
- Business Development Specialists
- Veterinarians
- Agri-Ecosystem Specialists

Natural Resources and Indigenous Futures (NRIF)

- Crown Lands Manager
- Fish Habitat Specialist
- Habitat Mitigation Biologist

Environment and Climate Change (ECC)

- Environmental Engineer
- Environment Officer
- Water Rights Licensing Technologist
- Land-Water Specialist
- Groundwater Specialist

Manitoba Transportation and Infrastructure (MTI)

- Senior Development Review Technologist
- Senior Flood Protection Planning Officer

Municipal and Northern Relations (MNR)

- Community Planners

And any other specialist or department that may have an interest or is consulted during the TRC process.

THE TECHNICAL REVIEW COMMITTEE (TRC) REPORT

Purpose of TRC Reports

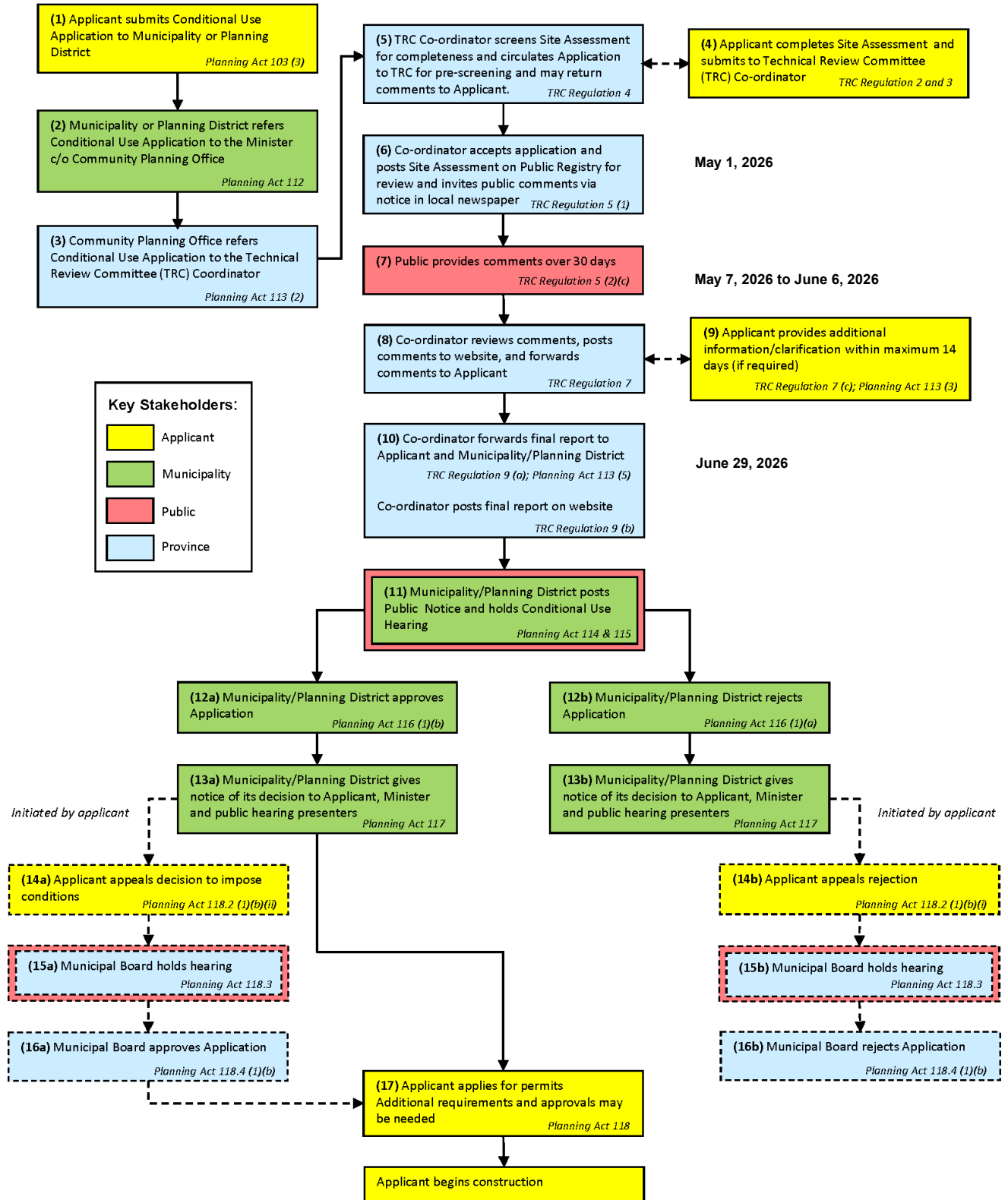
To provide objective, credible, technically-based assessments that:

- a) Enable municipal councils or planning district boards to make informed decisions regarding Conditional Use applications;
- b) Create common stakeholder understanding regarding livestock proposals, their potential impacts, and related regulatory requirements and safeguards;
- c) Provide a vehicle/forum that enables the sharing of public concerns and proponent responses;
- d) Offer recommendations to both councils/boards and proponents; and
- e) Represent the fulfillment of the TRC's role, as per 116(1)(b)(i) of The Planning Act – to determine, based on available information, that the proposed operation will not create a risk to health, safety or the environment, or that any risk can be minimized through the use of appropriate practices, measures and safeguards.

Should a municipal council or planning district board provide conditional approval of a proposal, the project proponent may be required to obtain various permits and licenses from the Province to address in greater detail environmental aspects of the proposal. As of November 1, 2019, a proponent may appeal a council/board's rejection of their application or appeal a condition imposed on the approval of a council/board to the Municipal Board.

Livestock Technical Review Process

(June 19, 2024)



B. DESCRIPTION OF PROPOSED LIVESTOCK OPERATION

Further information may be found at https://www.gov.mb.ca/mr/livestock/public_registries.html

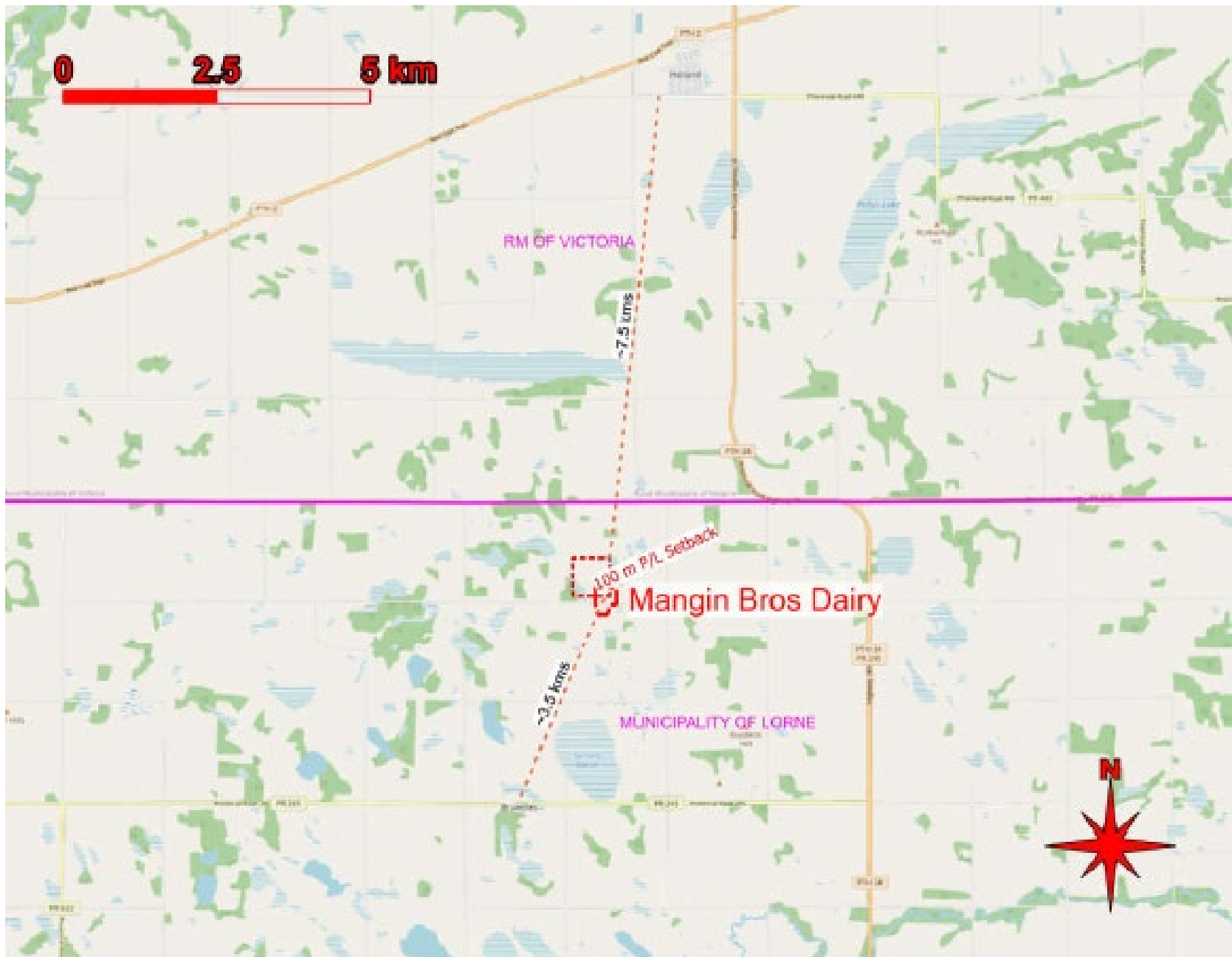
Applicant: Mangin Bros. Dairy Ltd.

Site Location: SW 1/4 33-06-11 W and NW 1/4 28-06-11 W (Refer to map below)

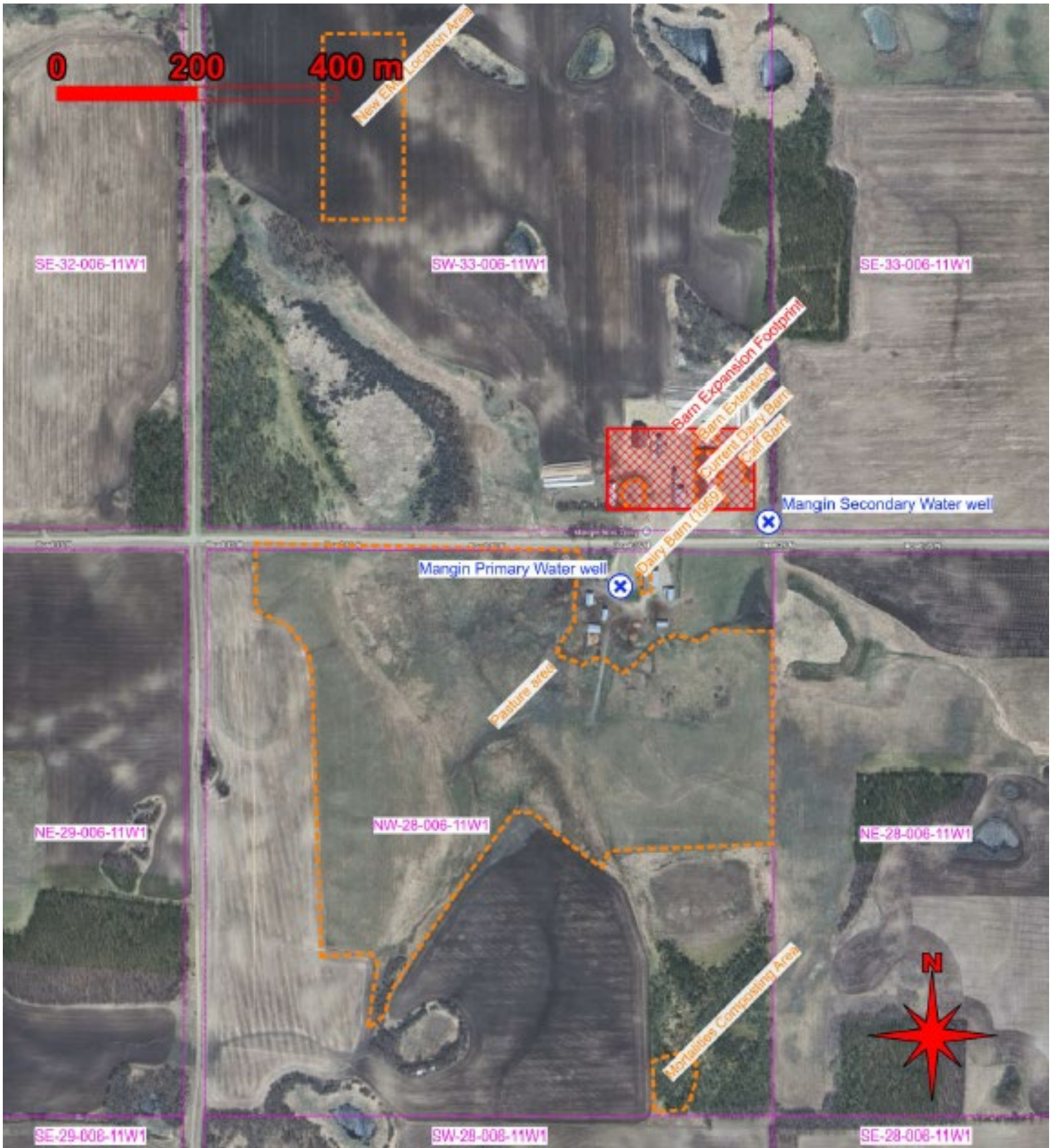
Proposal: The applicant proposes to expand an existing dairy operation. The proposal involves increasing from 144 to 625 mature cows (lactating and dry) including associated livestock, representing an increase from 288 to 1250 animal units.

This will involve the following:

- Expansion of an existing barn;
- Use of current earthen manure storage, construction of a new multi-cell manure storage and field storage;
- Estimated daily water use of 34,080 imperial gallons from an existing well;
- Composting of mortalities; and
- Truck haul routes as shown in map below.

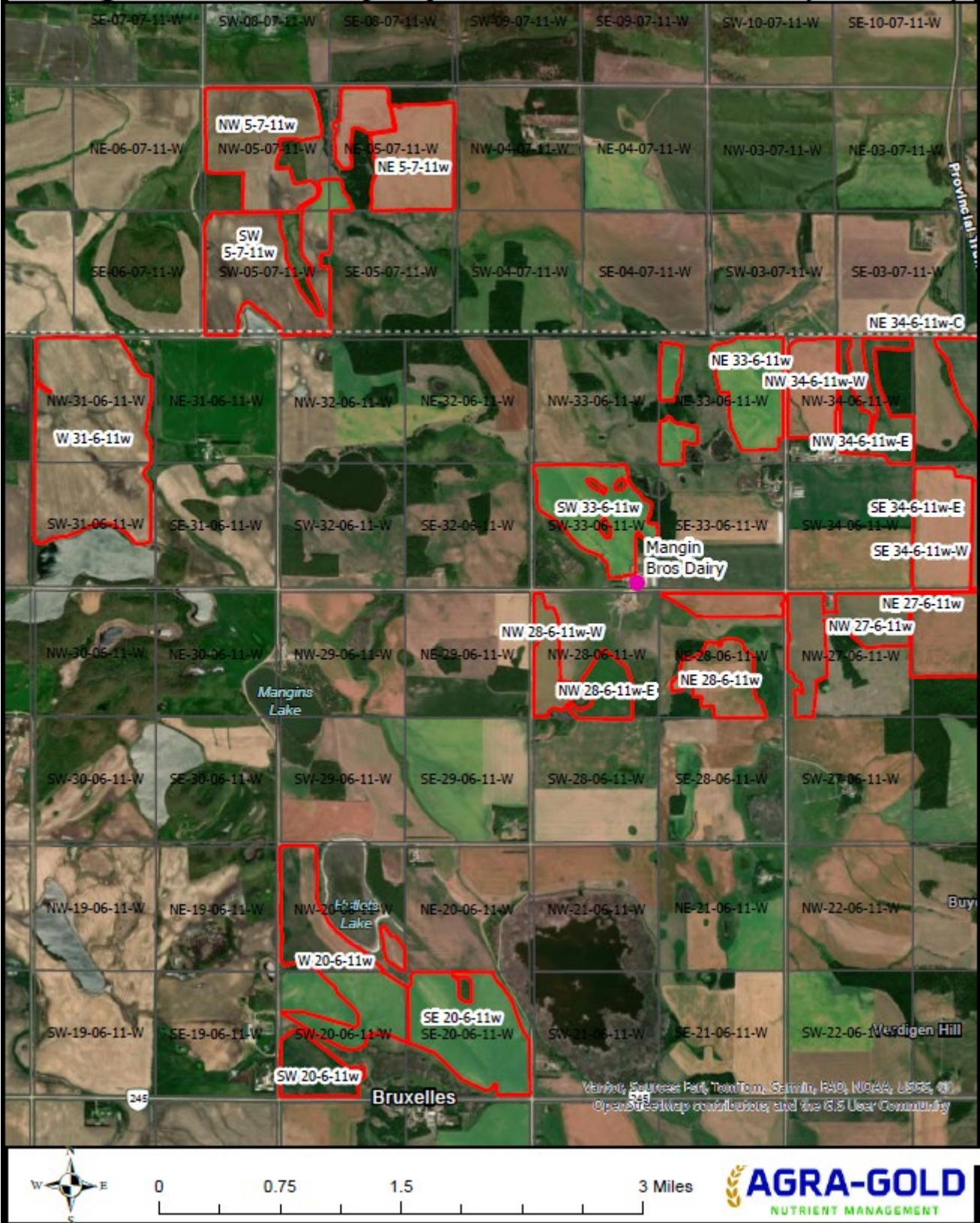


Location Map



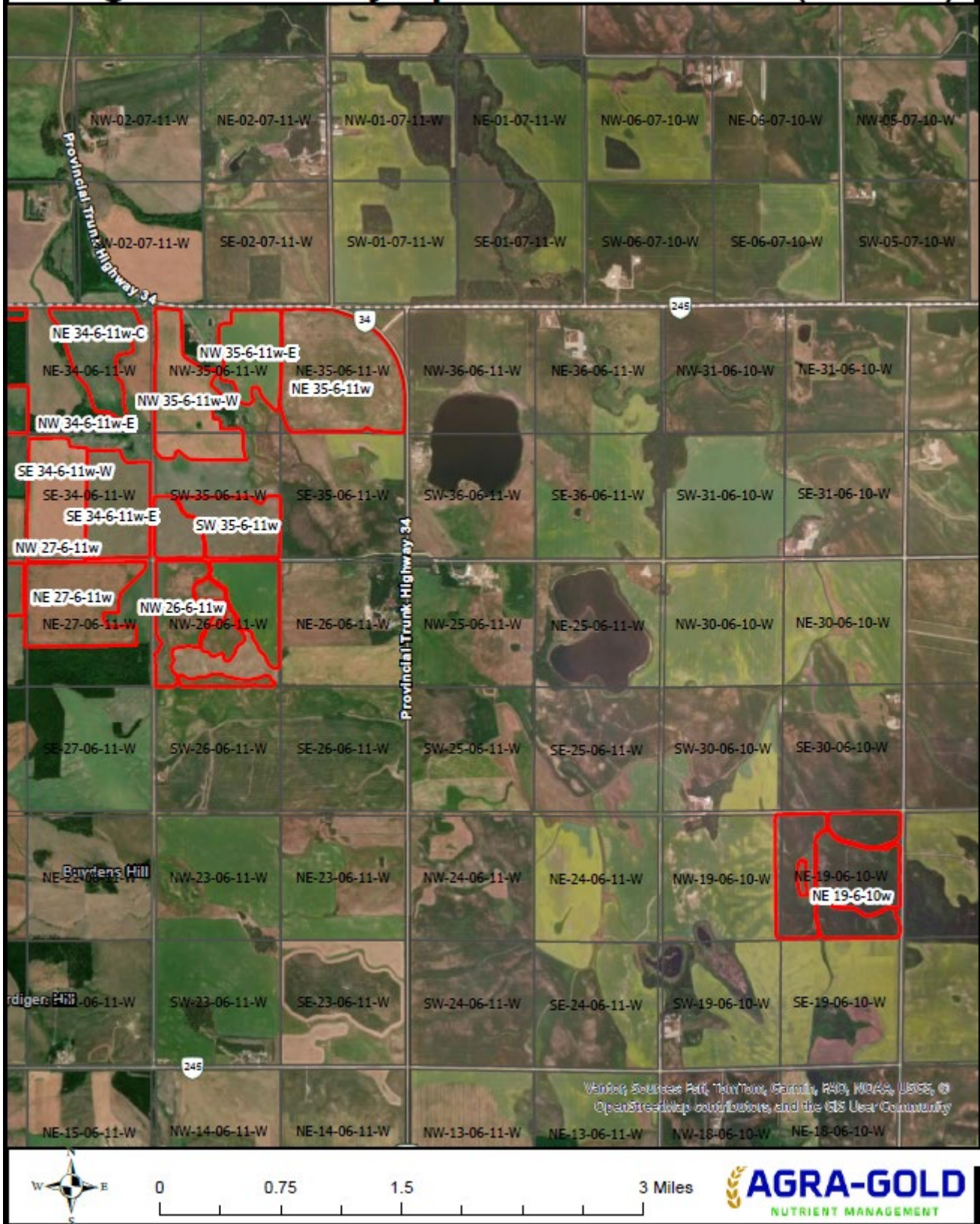
Site Map

Mangin Bros Dairy Spread Fields West (Dec/25)

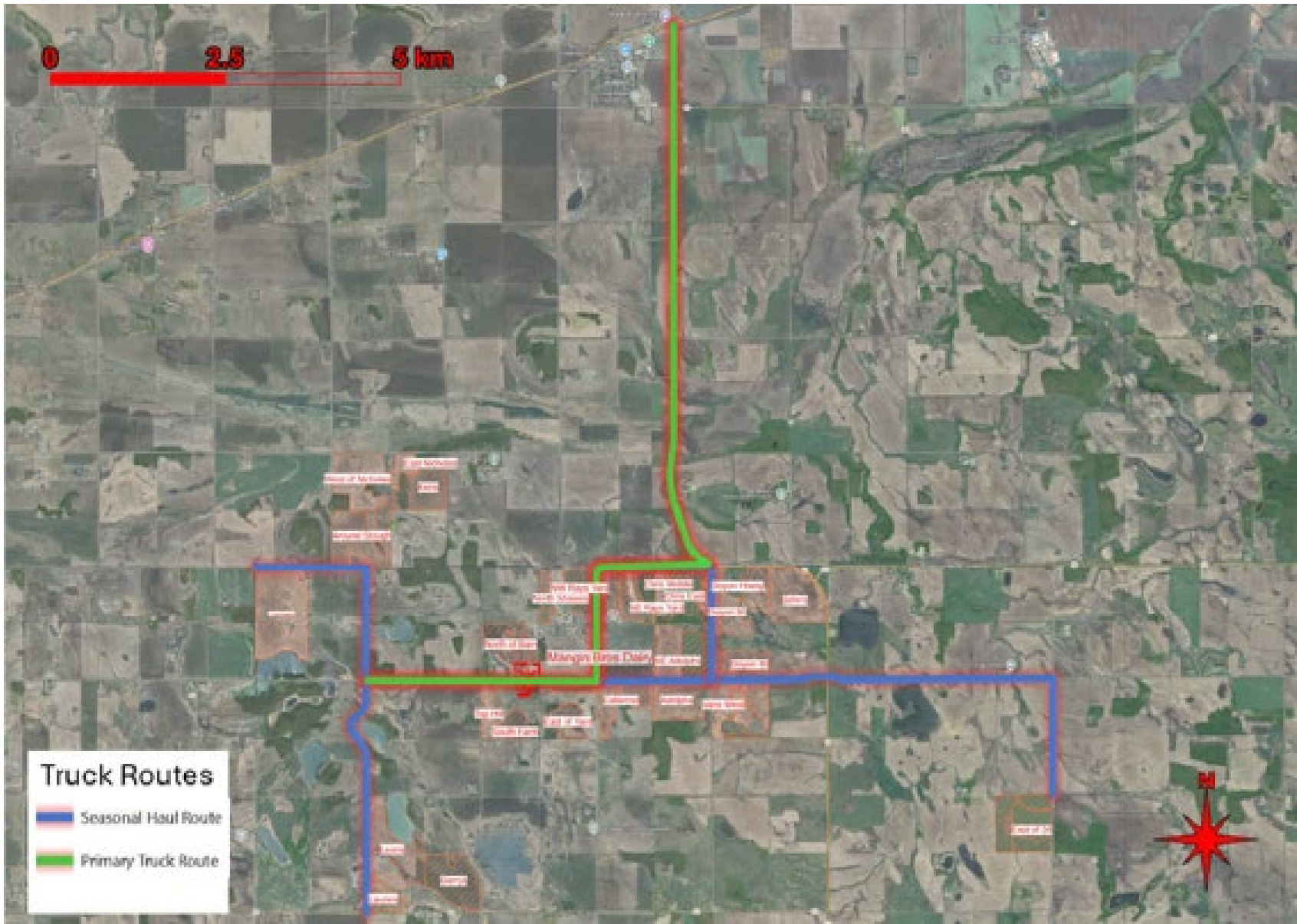


Spread Field Map (1)

Mangin Bros Dairy Spread Fields East (Dec/25)



Spread Field Map (2)



Truck Haul Route Map

C. SITE ASSESSMENT OVERVIEW

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
1	Description of Operation and Nature of Project	<p><i>The Planning Act</i> requires that that an application to approve a conditional use for a livestock operation involving 300 or more animal units must be referred to the Livestock Technical Review Committee (TRC) for review.</p> <p>The South Central Planning District Development Plan By-law 35-2019 (3.5.8) states that Council must refer all applications involving 300 or more animal units to the Minister and request that a Technical Review Committee be appointed to review the proposed application.</p> <p>Mangin Bros. Dairy Ltd.'s application is for an expanding dairy operation of more than 300 animal units. As such, it has been referred to the TRC for review.</p> <p>The Technical Review Committee Regulation 119/2011 requires an applicant to submit a completed site assessment.</p> <p>The TRC has received and accepted for review a complete site assessment from Mangin Bros. Dairy Ltd., including all information necessary to review the application.</p>	MNR
2	Type and Size of Operation	Mangin Bros. Dairy Ltd. is seeking Conditional Use approval from the RM of Lorne to expand their dairy operation to 625 mature cows, including associated livestock. The total animal units would be 1,250 AU.	AGR
3	Animal Confinement Facilities	<p>The proposed expansion involves the construction of a 7,000 ft² expansion of an existing 28,600 ft² dairy barn, to a total of 35,600 ft². Also, the use of another existing dairy barn and a calf barn as is.</p> <p>As the building proposed for construction is more than 6,458 ft², building permits must first be issued by South Central Planning District, as required by the Inspection and Technical Services Branch, Department of Labour and Immigration, under the Manitoba Building Code Regulation 78/2023. Please contact South Central Planning District at (204) 526-2800 or check their website at South Central Planning District.</p> <p>For more information, see the Inspection and Technical Services Branch website: Province of Manitoba Labour Labour and Immigration Permits and Inspections.</p>	MNR
4	Confined Livestock Areas	No – The proposed facility is not considered a Confined Livestock Area and is not regulated under the Livestock Manure and Mortalities Management Regulation.	ECC
5	Project Sites Unsuitable for Development	The proposed manure storage is not located within Nutrient Management Zone N4 nor in any Nutrient Buffer Zone and is therefore deemed suitable for development under the Nutrient Management Regulation.	ECC
6	Water Source: Existing Well Water Requirements of 34,080 imperial gallons per day	Based on the water consumption information provided, the Water Use Licensing Section (of the Drainage and Water Rights Licensing Branch) has determined this proponent is required to apply for a Water Use Rights Licence under <i>The Water Rights Act</i> . An application can be submitted via our online portal – https://web22.gov.mb.ca/Sso/Account/LogOn .	ECC

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
7	Development Plan	<p><i>The Planning Act</i> requires that development plans include a livestock operation policy that guides zoning by-laws dealing with livestock operations.</p> <p><i>The Planning Act</i> requires that municipalities issue a development permit before any development takes place on a site. All development must comply with the Zoning By-law and Development Plan. Any proposed development that does not comply with required separation distances or setbacks must obtain Council approval following public hearing to vary those requirements.</p> <p>Designation</p> <p>The site of the proposed livestock operation, located in SW ¼ 33-6-11 W in the Municipality of Lorne, is designated Rural Policy Area (South Central Planning District Development Plan By-law 35-2019). The proposal complies with policy in section 3.5 <i>Livestock Operation Policies</i> in the Development Plan.</p> <p>Note: South Central Planning District Development Plan By-law 35-2019 was approved on February 12, 2020, to allow existing operations to expand beyond 300 AU in a Rural Policy Area as a Conditional Use.</p>	MNR
8	Zoning By-Law	<p>Zoning</p> <p>The site of the proposed livestock operation is zoned “AG” Agricultural General (Municipality of Lorne Zoning By-law 0070-22) with a minimum site area requirement of 80 acres and a minimum site width requirement of 200 ft.</p> <p>The proposed operation complies with the Zoning By-law.</p> <p>Note: The Municipality of Lorne Zoning By-law 0070-22 was approved on June 14, 2022, to allow existing operations to expand beyond 300 AU in an “AG” Zone as a Conditional Use.</p>	MNR
9	Separation Distances	<p>The proposed livestock operation meets all minimum required separation distances for an animal confinement facility and earthen manure storage facility to the nearest single residence and the nearest designated area (Bruxelles). It is consistent with the standards in 4.16 <i>Livestock Operations</i> and <i>Appendix B: Mutual Separation Distances</i> in the Municipality of Lorne Zoning By-law 0070-22.</p>	MNR

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
10	Wells	<p>The proposal indicates that water for the proposed livestock operation will be sourced from an existing well at SW ¼ 33-6-11 W and NW ¼ 28-6-1 1W. The provincial water well database contains information for wells associated with the proposed operation. The proponent has indicated that they are not aware of any abandoned wells on the project site or manure spread fields. However, if any abandoned wells are encountered during operations, they must be properly sealed in accordance with <i>The Groundwater and Water Well Act</i> and its associated regulations., and a <i>Sealed Well Report</i> must be filed with Manitoba Environment and Climate Change, Groundwater Management Section. For guidance on well sealing and submission of reports, contact Manitoba Environment and Climate Change at (204) 945-6959 or consult: https://www.gov.mb.ca/water/groundwater/wells_groundwater/index.html.</p> <p>A licensed well drilling professional should carry out well sealing for all but the most basic wells. A list of currently licensed well drilling professionals is available at the link above.</p> <p>As a reminder, under the Livestock Manure and Mortalities Management Regulation (LMMMR), a minimum setback of 20 metres must be maintained from any well, spring, or sinkhole during manure spreading, or 15 metres where a permanent vegetative buffer is in place. In addition, a minimum setback distance of 100 metres must be maintained from any confined livestock area exceeding 10 animal units and from any manure storage facility.</p>	ECC
11	Water Control Works	<p>There are no requirements for authorization under <i>The Water Rights Act</i> as no water control works are being proposed. Please note that if the EMS location is still not confirmed, additional review and comments may be required when it is due to the existing wetlands that are in very near proximity to the proposed location.</p>	ECC
12	<p>Manure Type and Storage:</p> <p>Solid/Field Storage</p> <p>Liquid/Earthen Manure Storage</p>	<p>The applicant will store solid manure as field storage. Under the Livestock Manure and Mortalities Management Regulation, the applicant must:</p> <ul style="list-style-type: none"> • Locate the manure at least 100 m from any surface watercourse, sinkhole, spring, or well. • Ensure the manure does not pollute surface water, groundwater, or soil. • Land-apply the stored manure the following year. <p>The applicant will build a new manure storage. Under the Livestock Manure and Mortalities Management Regulation, the applicant must obtain a permit from Environment and Climate Change prior to building the storage. Once in operation the applicant must:</p> <ul style="list-style-type: none"> • Ensure there is sufficient capacity to store all manure through the winter. • Maintain the structural integrity of the storage. • Operate the storage so that it does not pollute surface water, ground water or soil. 	ECC

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
13	Mortalities disposal methods identified: Composting	The applicant will compost mortalities. Under the Livestock Manure and Mortalities Management Regulation, the applicant must: <ul style="list-style-type: none"> • Ensure the composting does not pollute surface water, groundwater, or soil. • Locate the composting site at least 100 m from any surface watercourse, well, or the operation's boundaries. • Ensure the composting facilities and process are acceptable to the director. 	ECC
14	Setback Distances from Manure, Livestock, and Mortalities to Water and Operation Boundaries	The applicant has indicated that all setback distances meet minimum requirements set out in the Livestock Manure and Mortalities Management Regulation.	ECC
15	Building in Designated Flood Areas	Project is not within a Designated Flood Area. We have no concerns with this proposal.	MTI
16	Odour control measures (project site)	Mangin Bros. Dairy Ltd. has indicated that dairy manure forms a natural crust on the manure storage. This can act as a biofilter and reduce odours from the storage. Should odour become a problem for neighbouring residents, there is a complaints process under <i>The Farm Practices Protection Act</i> . A person who is disturbed by any odour, noise, dust, smoke or other disturbance resulting from an agricultural operation may make a complaint, in writing, to the Manitoba Farm Industry Board. The Act is intended to provide for a quicker, less expensive and more effective way than lawsuits to resolve nuisance complaints about farm practices. It may create an understanding of the nature and circumstances of an agricultural operation, as well as bring about changes to the mutual benefit of all concerned, without the confrontation and the expense of the courts.	AGR
		There is no manure storage cover. The proposed expanded dairy barn and existing barns lie within existing partial shelterbelts established for operation yard sites. Section 116(2) of <i>The Planning Act</i> allows municipal councils to require a manure storage cover and the establishment of shelterbelts as conditions of conditional use approval.	MNR
17	Land Available for Manure Application	The estimated land requirement for Mangin Bros. Dairy Ltd. is 1,071 acres for the phosphorus or 1,217 acres for the nitrogen, whichever is higher. Mangin Bros. Dairy Ltd. has exceeded the land requirement by demonstrating that they have access to 2,288 suitable acres. Additional details can be found in the appendix.	AGR
		The proponent's proposed manure spread fields are located within the Municipality of Lorne and the RM of Victoria. All locations are designated Rural Policy Areas and comply with livestock policies (South Central Planning District Development Plan By-law 35-2019 – 3.5 <i>Livestock Operation Policies</i>). The proposed spread field locations are zoned "AG" Agricultural General Zone (Municipality of Lorne Zoning By-law 0070-22, RM of Victoria Zoning By-law 83-22) and support existing agricultural activity.	MNR

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
18	Setbacks for Manure Application	Under the Livestock Manure and Mortalities Management Regulation, manure spreading must meet setback distances to all surface watercourse and groundwater features.	ECC
19	Manure Transportation and Application	<p>Please be advised that any structures placed within the controlled area of a Provincial Trunk Highway (PTH) or Provincial Road (PR) (125 ft from the edge of the right-of way) requires a permit from our office. For permit information, please email accessmgmt@gov.mb.ca or call 204-583-2433. Permit information can also be found at https://forms.gov.mb.ca/highway-permits-application/index.html.</p> <p>The placement of temporary drag lines or any other temporary machinery/ equipment for manure application within the right-of-way of any PTH or PR requires permission from Manitoba Transportation and Infrastructure's Brandon Office. Please contact Brian Hickman, Regional Planning Technologist, at (204) 726-6822 or Brian.Hickman@gov.mb.ca. Please also notify the Regional Planning Technologist for the placement of temporary draglines or other temporary equipment for manure application within the controlled area of a PTH or PR (125 ft from the edge of the right-of-way).</p>	MTI
		<p>Under the Livestock Manure and Mortalities Management Regulation, the applicant must:</p> <ul style="list-style-type: none"> • Operate with an annual manure management plan which includes: <ul style="list-style-type: none"> • Manure type, volume, and nutrient values • Spread field location and soil class • Soil tests showing nitrogen and phosphorus levels • Crops to be grown • Manure application rate • Ensure manure does not pollute groundwater, soil or escape the operation's boundaries. • Follow requirements for the land application of manure, including nitrogen limits and phosphorus thresholds. 	ECC
20	Manure Application on Lands Subject to Frequent Flooding or Inundation	The applicant has indicated that no spread fields are located within the Red River Valley Special Management Area or any other regularly inundated area.	ECC
21	Projected Truck Haul Routes and Access Points	The proposed truck haul routes utilizes existing Government Road Allowances and we have no concerns.	MTI
		<p>The proposed site is accessed by Municipal Road 35 N. Proposed truck haul routes use PTH 34.</p> <p>As per Section 116(2) of <i>The Planning Act</i>, municipal councils may, as a condition of approval, require the proponent to enter into a development agreement regarding the condition and upkeep of local roads used as truck haul routes.</p>	MNR

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
22	Conservation Data Centre Report	<p><u>Provincial Requirements</u> Known rare species will not be impacted on new site/lands.</p> <p><u>Related Provincial Safeguards</u> The information provided in the assessment suggest that there will not be any conflicts with species protected under <i>The Endangered Species and Ecosystems Act</i> and/or <i>The Species at Risk Act</i> or designated as rare or uncommon by the Manitoba Conservation Data Centre (MBCDC). This review is based on existing data known to the MBCDC of the Wildlife Branch at the time of the review. These data are dependent on the research and observations of our scientists and reflects our current state of knowledge. However, many areas of the province have never been thoroughly surveyed and the absence of data in any particular geographic area does not necessarily mean that rare or endangered species or ecological communities of concern are not present. The information should, therefore, not be regarded as a final statement on the occurrence of any species of concern. All future observations of rare or endangered species made by the proponent should be reported to the MBCDC for further review.</p>	NRIF

Provincial Departments: Agriculture (AGR); Environment and Climate Change (ECC); Transportation and Infrastructure (MTI); Municipal and Northern Relations (MNR); Natural Resources and Indigenous Futures (NRIF)

D. PUBLIC COMMENTS AND DISPOSITIONS

Public Comment Summary	
Raymond Mangin	Concerned Concerns Regrading: <ul style="list-style-type: none">- The impact of the expansion on the water supply for surrounding farms.

A full copy of the public comments as well as the proponent's response may be viewed on the public registry at: https://www.gov.mb.ca/mr/livestock/public_registries.html

See Appendix B for the proponent's response to the public comments.

E. CONCLUSIONS AND RECOMMENDATIONS

Conclusion

The information contained in the Site Assessment submitted by the proponent generally meets provincial requirements. Based on available information, it has been determined that the proposed operation will not create a risk to health, safety or the environment, or that any risk can be minimized through the use of appropriate practices, measures and safeguards.

Recommended Actions to Council

1. As per Section 114(2) of The Planning Act, at least 14 days before the date of the hearing, Council must:
 - a) send notice of the hearing to
 - i. the applicant,
 - ii. the Minister (c/o the Portage Community Planning Services office),
 - iii. all adjacent planning districts and municipalities, and
 - iv. every owner of property located within three kilometres of the site of the proposed livestock operation, even if the property is located outside the boundaries of the planning district or municipality; and
 - b) publish the notice of hearing in one issue of a newspaper with a general circulation in the planning district or municipality or, when there is no newspaper with a general circulation in the area, post the notice in the office of the planning district or municipality and at least two other public places in the district or municipality; and
 - c) post a copy of the notice of hearing on the affected property in accordance with the Posting Requirements outlined in Section 170 of The Planning Act.
2. Council should specify the type(s) of operation, legal land location, number of animals in each livestock category, total animal units, and expiration date (as per Planning Act section 110(1)) in its Conditional Use Order.
3. As per Section 117 of The Planning Act, Council must send a copy of its Conditional Use Order to
 - a) the applicant,
 - b) the Minister (c/o the Portage Community Planning Services office), and
 - c) every person who made representation at the hearing.
4. Under Section 116(2) of The Planning Act, council may consider including the following conditions on the approval of this application:
 - a) Measures to ensure conformity with the applicable provisions of the development plan by-law, the zoning by-law and any secondary plan by-law
 - b) Measures to implement recommendations made by the Technical Review Committee
 - c) Requiring a manure storage cover
 - d) Requiring a shelterbelt to be established
 - e) Requiring the owner to enter into a development agreement dealing with:
 - i. The timing of construction of any proposed building
 - ii. The control of traffic
 - iii. The construction or maintenance of, or a sum of money to the planning district or municipality to be used to construct, roads, traffic control devices, fencing, landscaping, shelter belts or site drainage works required to service the livestock operation.

5. After holding the public hearing, Board or Council may approve the application if the operation:
 - a) Will be compatible with the surrounding area,
 - b) Will not be detrimental to the health or general welfare of people living or working in the surrounding area, or negatively affect other properties or potential development in the surrounding area, and
 - c) Is generally consistent with the applicable provisions of the development plan by-law, the zoning by-law and any secondary plan by-law.
6. Council is requested to include in their resolution and/or Conditional Use Order notification that, as per Section 118.2(1) of The Planning Act, an applicant may appeal the following decisions of a board or council to the Municipal Board:
 - b) for an application for approval of a conditional use made in respect of a large-scale livestock operation,
 - i. a decision to reject the application,
 - ii. a decision to impose conditions.
7. As per Section 118, no development or expansion of a livestock operation that is the subject of an application under Part 7, Division 2 of The Planning Act may take place until
 - a) the application is approved and the applicant complies, or agrees to comply, with any condition imposed on the approval under this Division; and
 - b) the applicant obtains every approval, including any permit or licence, required under an Act, regulation or by-law in respect of the proposed operation or expansion, and complies with, or agrees to comply with, any condition attached to the approval.
8. Council is welcome to contact Manitoba Environment and Climate Change, Environmental Approvals Branch, or Regional Environmental Compliance and Enforcement staff with respect to the Livestock Manure and Mortalities Management Regulation (M.R. 42/98), including compliance and enforcement issues.

Recommended Actions to Proponent

1. That any additional measures identified through subsequent provincial licencing or permitting in order to minimize any identified risks to health, safety and the environment be undertaken.
2. That as per Section 118.2(2)(b), an applicant may appeal the following decisions of a board or council to the Municipal Board respecting an application for approval of a conditional use:
 - i. a decision to reject the application,
 - ii. a decision to impose conditions.

F. TECHNICAL REVIEW COMMITTEE MEMBERS

Name	Department	Title <i>Branch</i>	Contact
Holly Ervick-Knote	Municipal and Northern Relations	Senior Planner <i>Community Planning Services Branch</i>	204-945-1312 holly.ervick-knote@gov.mb.ca
Petra Loro	Agriculture	Livestock Environment Specialist <i>Sustainable Agriculture Branch</i>	204-918-0325 petra.loro@gov.mb.ca
Julie Froese	Environment and Climate Change	Environmental Livestock Coordinator <i>Environmental Approvals Branch</i>	204-945-7104 julie.froese@gov.mb.ca
Karin Newman	Natural Resources and Indigenous Futures	Habitat Mitigation Specialist <i>Wildlife Branch</i>	431-844-1625 karin.newman@gov.mb.ca
Jeff DiNella	Transportation and Infrastructure	Senior Development Review Technologist <i>Highway Planning and Design Branch</i>	204-430-7176

Appendix A

Manitoba Agriculture – Sustainable Agriculture Branch

In areas of lower livestock intensity, such as the RMs of Lorne and Victoria, it is currently the Province of Manitoba's policy to require sufficient suitable land for all of the nitrogen and half of the phosphorus generated by the livestock. This policy assumes that more land is available in areas of lower livestock intensity to balance manure phosphorus with crop phosphorus removal, should it be necessary in the future.

Typical, modern feeding practices for dairy were used to estimate nutrient excretion by the livestock at Mangin Bros. Dairy Ltd. Manitoba Agricultural Services Corporation (MASC) Individual Productivity Indices for Magnin Bros. Dairy Ltd. were used to establish probable annual crop yields and estimate crop nitrogen uptake and phosphorus removal rates for the annual crops specified in the proposal. Ten-year MASC yield averages in the RMs of Lorne and Victoria were used to estimate crop nitrogen uptake and phosphorus removal rates for alfalfa.

Land suitability is determined using soil testing for phosphorus and soil survey to establish the agriculture capability. Soils must be below 60 ppm Olsen P to be considered suitable. Semi-detailed and detailed soil survey is available in the area to determine the agriculture capability of the land. The soil survey indicates the land contains agriculture capability Classes 2 to 5. Classes 2 to 5 are considered suitable for manure application. The limitations in the area are lack of moisture (M), slope (T), erosion (E) and wetness (W).

The estimated land requirement for Mangin Bros. Dairy Ltd. is 1071 acres for the phosphorus or 1217 acres for the nitrogen, whichever is higher. Mangin Bros. Dairy Ltd. has exceeded the land requirement by demonstrating that they have access to 2288 suitable acres.

Manitoba Natural Resources and Indigenous Futures – Fisheries Branch

The Fisheries Branch has reviewed this pre-screening request and found that there is no increased risk to fish and/or fish habit.

Manitoba Natural Resources and Indigenous Futures – Lands and Planning Branch

The Lands Branch has reviewed the Mangin Bros Dairy Ltd. – TRC Pre-screening Request and the review of the information provided suggests there is no impact to Crown land administered under *The Crown Lands Act*. This review is based on information known to the Lands Branch as documented in the Crown Lands Registry System.

June 15th, 2026

Transmitted by email: trc@gov.mb.ca

Attention: Environmental Livestock Coordinator Municipal and Northern Relations

Livestock Technical Review Committee

Dear Coordinator:

Re: Response to Public Comments on Site Assessment, Mangin Bros. Dairy.

On behalf of Mangin Bros. Dairy, I am pleased to respond to the comment received with respect to the posting of the Site Assessment and supporting documents for their livestock technical review at SW-33-006-11WPM.

The primary concern raised by Raymond Mangin in his comment to the Livestock Technical Review Committee on June 3, 2026 is with respect to the potential impacts to the water supply available from wells to not only Mangin Bros. Dairy, but also the other dairy farms within a one mile proximity. Mangin Bros. recognize this concern, and are supportive of the idea that a pipeline plan be developed to address any future shortcomings to the local water supply in either quantity or quality. In the interim, it should also be noted that the expansion of the dairy herd at Mangin Bros. Dairy is not expected to be immediate but rather gradual as per factors such as the availability of quota under the dairy industry's supply management system.

If you have any further questions or information needs, please do not hesitate in contacting me.
Respectfully submitted,

Parsus Engineering

Per:



Keith Duhaime, P.Eng. P.Ag.

KD/kd

cc manginbrosdairy@outlook.com