

TECHNICAL REVIEW COMMITTEE

A TECHNICAL REVIEW REPORT PREPARED FOR THE

RM of Morris

QUINFIELD FARMS LTD.

S $\frac{1}{2}$ of Section 6-6-2 WPM

TRC 12-111

June 10, 2025

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, measure 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: Quinfield Farms Ltd.

Site Location: S ¹/₂ of Section 6-6-2 WPM (Refer to location map below)

Proposal: The applicant seeks to expand an existing pig operation. The proposal involves increasing the number of sows – farrow to weanling from 3,000 to 5,200 animals and increasing the number of gilts from 165 to 280 animals, representing an increase from 774 to 1,340 animal units.

This will involve the following:

- Use of existing barn and construction of new barn to be used for gestation, farrowing, and quarantine;
- Expansion of existing earthen manure storage facility;
- Estimated daily water use of 29,160 imperial gallons from piped service and existing and new reservoirs filled from Class 3 drain;
- · Rendering of mortalities; and
- Truck haul routes as shown in map below.





Site Map



Truck Haul Route Map



C. SITE ASSESSMENT OVERVIEW

	ated Section in the ite Assessment	Related Provincial Requirements and Safeguards		
	Description of Operation and Nature of Project	The Planning Act 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.		
		The Rural Municipality of Morris Zoning By-law No. 1713-2015 (5(2)) states that an application for a conditional use shall be processed in accordance with the provisions for <i>Large Scale Conditional Use Livestock Operations</i> in The Planning Act.		
1		Quinfield Farms Ltd.'s application is for an expanding pig operation of more than 300 animal units. As such, it has been referred to the TRC for review.	MNR	
		The Technical Review Committee Regulation 119/2011 requires an applicant to submit a completed site assessment.		
		The TRC has received and accepted for review a complete site assessment from Quinfield Farms Ltd, including all information necessary to review the application.		
2	Type and Size of OperationQuinfield Farms Ltd. is seeking Conditional Use approval from the RM of Morris to expand its pig operation to 5200 sows, farrow to wean with an additional 280 gilts The total animal units would be 1340 AU.		AGR	
	Animal Confinement Facilities	The proposal will require the use of the existing pig barn as is and the construction of a new \pm 77,101 ft ² barn to be used for gestation, farrowing, and quarantine. The new barn will be divided into unique sections for: farrowing/loadout/office – 375 ft 6 in X 116 ft; gestation group housing – 287 ft 8 in x 116 ft; and quarantine 34 ft x 116 ft.		
3		As the proposed new barn is in excess of 6,458 ft ² , building permits must first be obtained from the Inspections and Technical Services Branch, Manitoba Labour and Immigration, as required under Manitoba Building Code Regulation M.R. 78/2023.	MNR	
		For more information, see the Inspection and Technical Services Branch website: https://www.gov.mb.ca/labour/its/bldg_codes/permits_and_inspections.html .		
4	Confined Livestock Areas	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 The manure storage facility is not located within Nutrient Management Zone N4 of in any Nutrient Buffer Zone. Development Insuitable for in any Nutrient Buffer Zone.		ECC	
	Water Source:	Based on the water consumption information provided, the proponent is required to apply to amend their Water Use Rights Licence under The Water Rights		
6	Pipeline and on- site dugout	Act. An application can be submitted via the online portal at: <u>User Account Self-</u> <u>Administration Logon Province of Manitoba</u> .	ECC	
	Water Requirements of 29,160 imperial gallons per day	The proponent is encouraged to apply in a timely manner to ensure water availability, as applications are prioritized on a first-in-time, first-in-right basis.		

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards				
	Development Plan	The Planning Act requires that development plans include a livestock operation policy that guides zoning by-laws dealing with livestock operations.				
7	The Planning Act requires that municipalities issue a development permit b any development takes place on a site. All development must comply with t Zoning By-law and Development Plan. Any proposed development that doe comply with required separation distances or setbacks must obtain Council approval following public hearing to vary those requirements.		MNR			
		Designation				
		The site of the proposed livestock operation, located in the SE ¼ 6-6-2 WPM in the RM of Morris, is designated General Agricultural Policy Area (RM of Morris Development Plan By-law No. 1712/2015). The proposed operation complies with Development Policies 3.3.4 - 3.3.14 (Livestock Policies).				
	Zoning By-Law Zoning					
8		The proposed site is zoned "AG" Agriculture General (RM of Morris Zoning By-law No.1713/2015) with a minimum site area requirement of 80 acres and a minimum site width requirement of 600 ft.	MNR			
		The proposed operation complies with the Zoning By-law.				
9	Separation Distances	The proponent's proposed livestock operation expansion meets all the minimum separation distances for an animal confinement facility and earthen manure storage facility to the nearest single residence and the nearest designated area (Silverwinds Colony). It is consistent with the standards in <i>28 Regulation of Livestock Operations</i> in the RM of Morris Zoning By-law 1713/2015.				
	Wells	The proposal indicates that water for the proposed livestock operation will be sourced from a public pipeline or on-site dugout; and the proponent is not aware of any abandoned wells present on the project site or spread fields. If any abandoned wells are found, they should be properly sealed if not in use and a sealed well report must be filed with Manitoba Environment and Climate Change, Groundwater Management Section. For information on well sealing and submission of reports, contact Manitoba Environment and Climate Change at (204) 945-6959 or: https://www.gov.mb.ca/water/groundwater/wells_groundwater/wells_groundwater/index.html .				
10		A well drilling professional should seal all but the most basic wells. A list of currently licensed well drilling professionals can also be accessed from the above web page.	ECC			
		The provincial wells database indicates that wells have been drilled at NW $\frac{1}{4}$ 5-6-2 WPM, SW $\frac{1}{4}$ 4-6-2 WPM, and SE $\frac{1}{4}$ 4-6-2 WPM. Under the Livestock Manure and Mortalities Management Regulation (LMMMR), a minimum 20-metre setback from any well, spring or sinkhole must be maintained during manure spreading, or 15-metre if a permanent vegetative buffer is in place.				
	Water Control Works	There are no new water control works proposed. If water control works are proposed, an authorization under The Water Rights Act is required.				
11		Please note, any filling or draining of regulated wetlands (Class 3, 4 or 5) constitutes the construction of water control works. Also, Class 6, 7 and unimproved organic soils (ag capability) cannot be drained.	ECC			

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	
12	Manure Type and Storage: Liquid, Earthen Manure Storage	Livestock Manure and Mortalities Management Regulation, the proponent must obtain a permit from Manitoba Environment and Climate Change to modify or expand the storage. Once in operation the proponent must:	
13	Mortalities disposal methods identified: Rendering	The proponent will render mortalities, which is an acceptable method of disposal. The proponent must keep carcasses secure from scavengers and ensure they are delivered to a rendering plant within four days after death, unless refrigerated or frozen.	
14	Setback Distances from Manure, Livestock, and Mortalities to Water and Operation Boundaries	The proponent has indicated that all setback distances meet the minimum requirements set out in the Livestock Manure and Mortalities Management Regulation.	ECC
15	Building in Designated Flood Areas	The project site is not within a Designated Flood Area.	
16	Odour control measures (project site)	Quinfield Farms Ltd. has indicated that the operation has existing shelterbelts and that a straw cover will continue to be applied to the primary cell of the manure storage facility. Should odour become a problem for neighbouring residents, there is a complaints process under The Farm Practices Protection Act. 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 a quicker, less expensive and more effective alternative to lawsuits for resolving 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
		Section 116(1) of The Planning Act allows municipal councils to require a manure storage cover and the planting of a shelterbelt as conditions of approval.	MNR
17	Land Available for Manure Application The estimated land requirement for Quinfield Farms Ltd. is 1893 acres for the phosphorus or 1969 acres for the nitrogen, whichever is higher. The proponent has exceeded the land requirement by demonstrating that they have access to 3821 suitable acres, which is enough land for all of the nitrogen and all of the phosphorus generated by the operation. Additional details can be found in Appendix A.		AGR

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards			
		The proponent's proposed spread fields are located in RMs of Morris, Roland and Dufferin. All locations are designated General Agricultural or Restricted Agricultural Policy Areas (RM of Morris Development Plan By-law No. 1712/15; RM of Roland Development Plan 5-2001; Carman-Dufferin Planning District Development Plan 3-2014) and comply with their respective Livestock Policies. The proposed spread field locations are zoned "AG" General Agricultural Zone or "AR" Restricted Agricultural Zone (RM of Morris Zoning By-law No.1713/2015; RM of Roland Zoning By-law 6-2001; Carman-Dufferin Planning District By-law 4- 2014) and support existing agricultural activity.	MNR		
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	 Please be advised that any structures placed within the controlled area of a Provincial Trunk Highway or Provincial Road (125 ft from the edge of the right-of- way) require a permit from our office. For permit information, please contact Juanita Mowbray at (204) 583-2433 or <u>Juanita.Mowbray@gov.mb.ca</u>. Permit information can also be found at <u>https://forms.gov.mb.ca/highway-permits- application/index.html</u>. The placement of temporary drag lines or any other temporary machinery/equipment for manure application within the right-of-way of any Provincial Trunk Highway (PTH) or Provincial Road (PR) requires permission from Manitoba Transportation and Infrastructure's Steinbach Office. Please contact Robert Fender, Regional Planning Technologist, at (204) 346-6266 or <u>Robert.Fender@gov.mb.ca</u>. 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). 			
		 Under the Livestock Manure and Mortalities Management Regulation, the applicant must: Operate with an annual manure management plan which includes: Manure type, volume, and nutrient values; Spread field location and soil class; Soil tests showing nitrogen and phosphorus levels; Crops to be grown; and 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	t to regularly inundated area. However, review has indicated that some spread fields			

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
	Projected Truck Haul Routes and Access Points	The proposed truck haul route uses existing municipal roads. MTI has no concerns.	
		The proposed site is accessed by PTH 3 and PR 336.	
21		As per Section 116(2) of The Planning Act, municipalities, as a condition of approval, may require proponent to enter into a development agreement regarding the condition and upkeep of local roads used as truck haul routes.	MNR
	Conservation Data Centre Report	The information provided in the assessment suggest that there will not be any conflicts with species protected under the Endangered Species and Ecosystems Act and/or Species at Risk Act or designated as rare or uncommon by the Manitoba Conservation Data Centre (MBCDC).	
22		NRIF's 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. An absence of data does not confirm the absence of any rare or endangered species.	NRIF
		Many areas of the province have never been thoroughly surveyed, however, and the absence of data in any particular geographic area does not necessarily mean that 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.	

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

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Public Comment Summary		
Katelynn Falk PR 332 4 miles north of Lowe Farm	Concern regarding: • Roads	
Kevin & Kristen Doell KD Family Farms	Concern regarding: • Odour • Roads	

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

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

- 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 Morden Community Planning 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 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 Morden Community Planning Office), and
 - c) every person who made representation at the hearing.
- 4. Council may impose on the approval of this application a condition requiring the owner of the project site to enter into a development agreement under Section 116(2)(d) of The Planning Act. Such a development agreement may address matters including the construction or maintenance of roads, at the owner's expense or partly at the owners' expense.
- 5. 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.
- 6. 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.
- 7. 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 Branch	Contact
Holly Ervick- Knote	Municipal and Northern Relations	Senior Planner Community Planning Services Branch	204-945-1312 holly.ervick- knote@gov.mb.ca
Petra Loro	Agriculture	Livestock Environment Specialist Sustainable Agriculture Branch	204-918-0325 petra.loro@gov.mb.ca
Julie Froese	Environment and Climate Change	Environmental Livestock Coordinator Environmental Approvals Branch	204-945-7104 julie.froese@gov.mb.ca
Colin Murray	Natural Resources and Indigenous Futures	Information Manager- Manitoba Conservation Data Centre Fish and Wildlife Branch	204-945-7760 colin.murray@gov.mb.ca
Jeff DiNella	Transportation and Infrastructure	Senior Development Review Technologist Highway Planning and Design Branch	204-430-7176

Appendix A

Manitoba Natural Resources and Indigenous Futures – Lands and Planning Branch

A 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 and Planning Branch as documented in the Crown Lands Registry System.

Manitoba Natural Resources and Indigenous Futures – Fisheries Branch

Fisheries Branch staff have reviewed the proposal and advise that as long as spread fields can accommodate the increase in manure and all provisions are being undertaken to ensure any releases to surface water courses (drains or natural water bodies) meet the water quality guidelines to support aquatic health, Fisheries Branch has no concerns with this proposal.

Manitoba Agriculture – Sustainable Agriculture Branch

In areas of lower livestock intensity, such as the RMs of Morris, Dufferin and Roland, 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 pigs were used to estimate nutrient excretion by the pigs at Quinfield Farms Ltd. Ten-year crop yield averages from the Manitoba Agricultural Services Corporation (MASC) for the RMs of Morris, Dufferin and Roland were used to estimate crop nitrogen uptake and phosphorus removal rates for the crop rotation specified in the proposal.

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. Detailed and semi-detailed soil surveys are available in the area to determine the agriculture capability of the land. The soil survey indicates the land is Classes 1 to 5. The limitations in the area are slope (T), lack of moisture (M), wetness (W) and eroded soils (E).

The estimated land requirement for Quinfield Farms Ltd is 1893 acres for the phosphorus or 1969 acres for the nitrogen, whichever is higher. Quinfield Farms Ltd has exceeded the land requirement by demonstrating that they have access to 3821 suitable acres, which is enough land for all of the nitrogen and all of the phosphorus generated by the operation.

Manitoba Environment and Climate Change – Groundwater Management Section

The provincial wells database identifies existing wells in the manure spread fields located at NW $\frac{1}{4}$ 5-6-2 WPM, SW $\frac{1}{4}$ 4-6-2 WPM, and SE $\frac{1}{4}$ 4-6-2 WPM.

The accuracy of the well location and its status in the database is not known with one well (SW ¼ 4-6-2 WPM) marked as active. Most of these wells are plotting within a section. Therefore, it is expected from the proponent to try to identify these wells and if any of these wells are in use then a minimum buffer as outlined in regulations must be maintained during spreading. The well table included in the supporting documents does not provide clarification regarding their status.

Appendix B

June 6, 2025 Katelynn Falk

Re: Concerns Regarding Road Condition of Provincial Road 332

Dear Ms. Falk,

Thank you for taking the time to share your concerns regarding the condition of Provincial Road (PR) 332.

While I cannot speak with complete certainty, I can confirm that PR 332 is not a road we frequently, if ever, utilize in our operations. Quinfield Farms is located on PR 336, south of Sperling. As such, our current feed deliveries come from the Rosenort Feed Mill and are routed via east-west roads from Rosenort directly to PR 336, where our farm is situated.

Regarding livestock transport, our cull sow loads to Winkler Meats travel via PR 336 to Highway 23. Likewise, shipments of weaned pigs either follow PR 336 to Highway 23 or continue on to Highway 3, depending on the specific destination.

That said, I share your broader concern about the upkeep of provincial roads. Continued investment in the maintenance and improvement of these routes is important for both agricultural operations and the communities that rely on them.

Thank you again for bringing this matter forward.

Respectfully,

Dickson Gould Quinfield Farms Ltd. P.O. Box 1177 295 Main Street Niverville, MB R0A 1E0

June 6, 2025

Dear Kevin and Kristen,

Re: Response to Concerns from Kevin and Kristen Doell – KD Family Farms

Thank you for sharing your concerns. We appreciate the opportunity to respond and explore ways to work together.

We are interested in collaborating with you by incorporating some of your land—within a 1 to 2mile radius of our farm—into a 3- to 4-year manure rotation program. To ensure this is done responsibly and efficiently, we engage the professional agrologists at Agri-Gold Ltd., who coordinate closely with the manure applicator.

As part of this process, Agri-Gold will conduct soil testing on all applicable fields at our cost. They will also consult with you to understand your cropping plans and yield objectives. Based on this input, they will prepare a government-compliant Manure Management Plan, which will be filed with the Manitoba Government.

Upon completion of manure application, you will receive:

- · A GPS field map showing the exact land area treated
- · A summary of the nutrient profile applied

Our pricing model is straightforward and competitive. We charge for only 70% of the nitrogen (N) value, using the fall anhydrous price as the benchmark. All additional nutrients phosphorus, potassium, and micronutrients—are included in this same cost, offering considerable savings compared to commercial fertilizer programs.

In regard to access, our farm staff confirm that they utilize the 29N dirt road during summer months when it is passable.

If you are interested in pursuing this opportunity, I would be happy to arrange a meeting at your convenience. Please feel free to contact me directly at dgould@theprogressivegroup.ca if you have any questions or would like to set up an appointment.

Respectfully,

Dickson Gould Quinfield Farms Ltd. P.O. Box 1177 295 Main Street