



TECHNICAL REVIEW COMMITTEE

**A TECHNICAL REVIEW REPORT
PREPARED FOR THE**

Rural Municipality of Morris

Morris Piglets Ltd.

NW $\frac{1}{4}$ 22-05-02 W

TRC 12-121

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

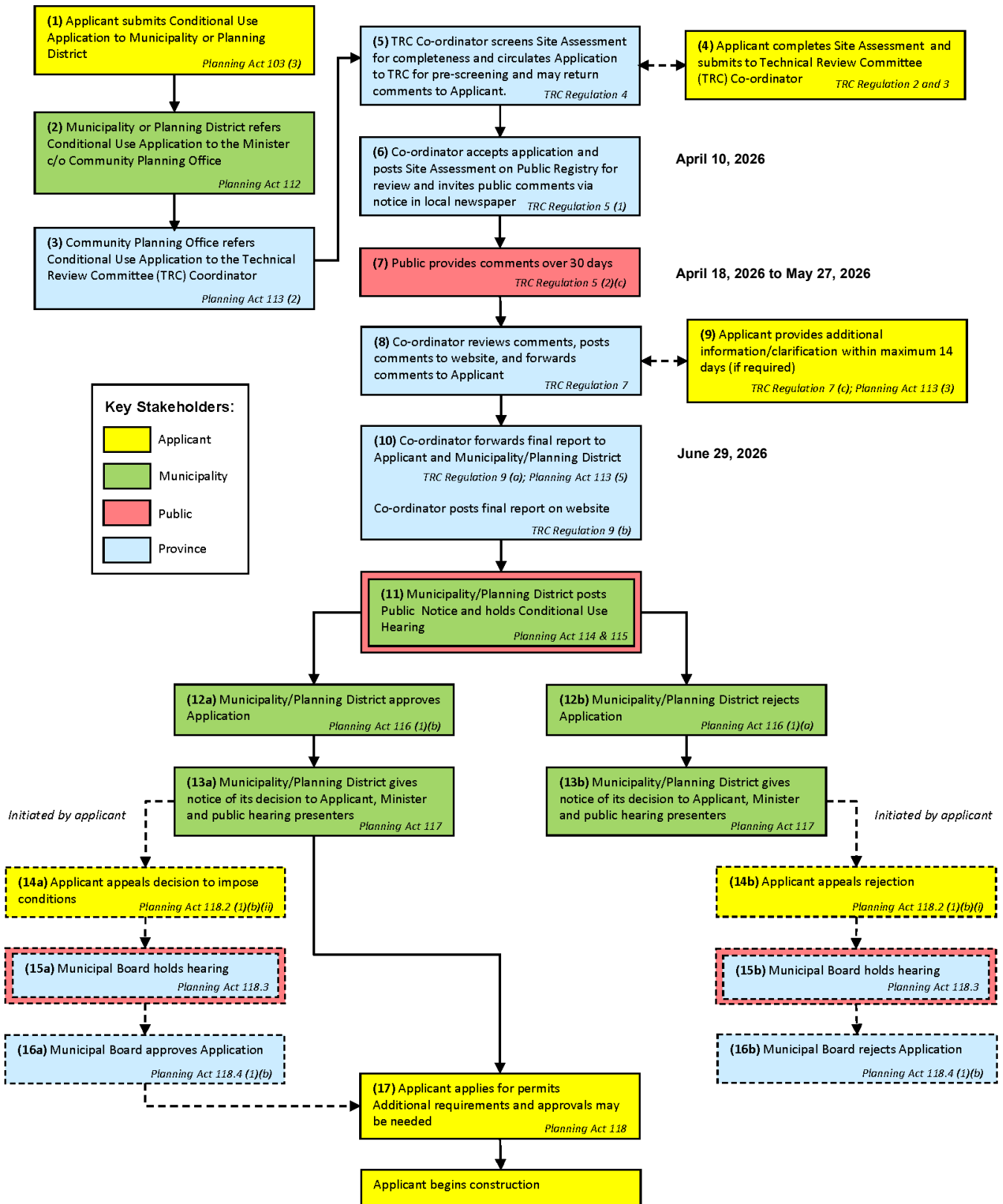
To provide objective, credible, technically-based assessments that:

- 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: Morris Piglets Ltd.

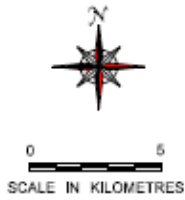
Site Location: NW ¼ 22-05-02 WPM (Refer to map below)

Proposal: The proponent seeks to expand an existing hog operation. The proposal involves increasing the number of sows – farrow to weanling from 2,600 to 5,200, the number of growers/finishers (gilts) from 130 to 1,725, and adding 450 weanlings (gilts). This represents an increase from 669 to 1,562 animal units.

This will involve the following:

- Construction of three new barns and the use of two existing barns;
- Earthen manure storage;
- Estimated daily water use of 53,300 imperial gallons from a surface water allocation;
- Rendering of mortalities; and
- Truck haul routes as shown in map below.

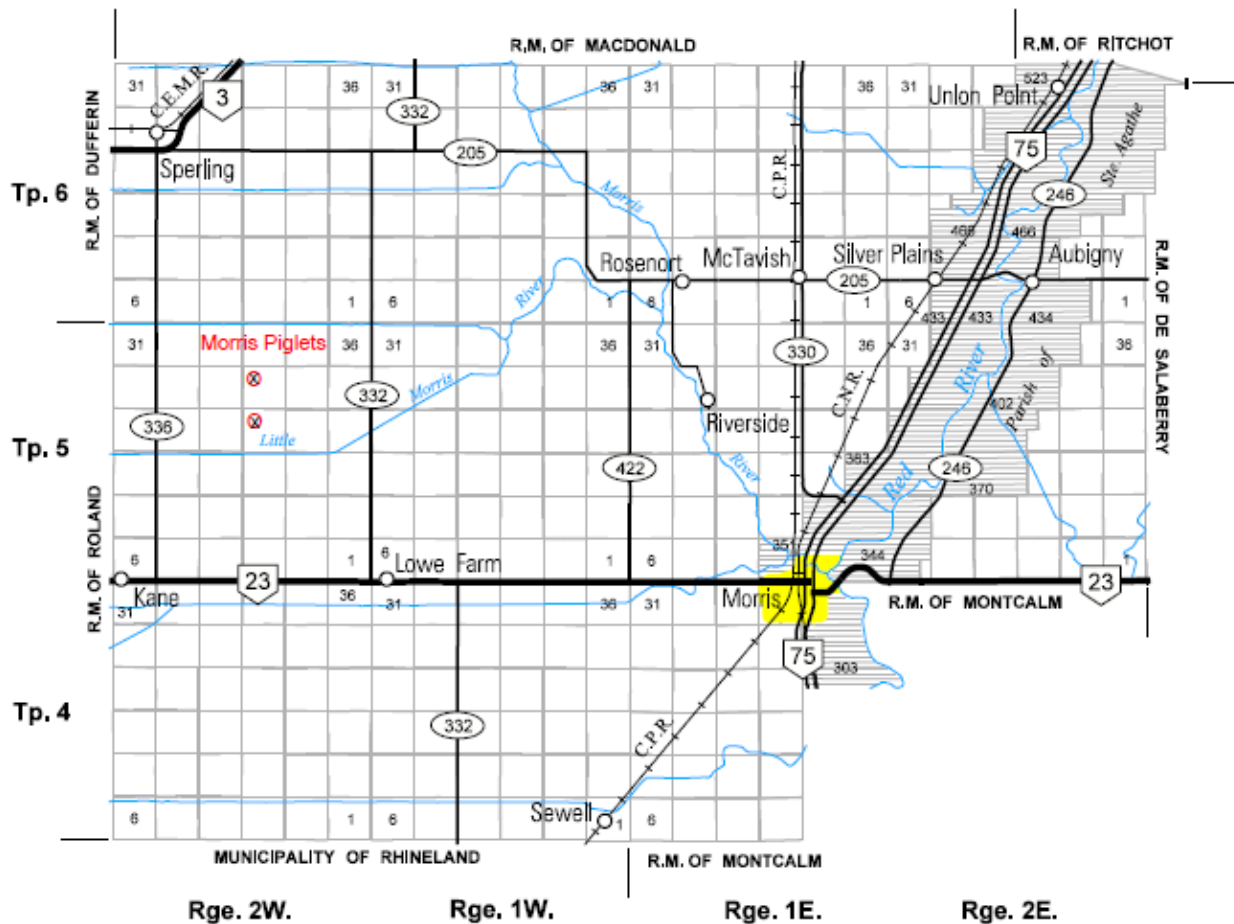
R.M. OF MORRIS



PROVINCE OF MANITOBA
INFRASTRUCTURE
HIGHWAY PLANNING AND DESIGN BRANCH
GEOGRAPHIC & RECORDS MANAGEMENT SECTION
WINNIPEG
JANUARY 1, 2015

LEGEND

PROVINCIAL TRUNK HIGHWAYS		ACCESS ROADS	
PROVINCIAL ROADS		RAILWAYS	



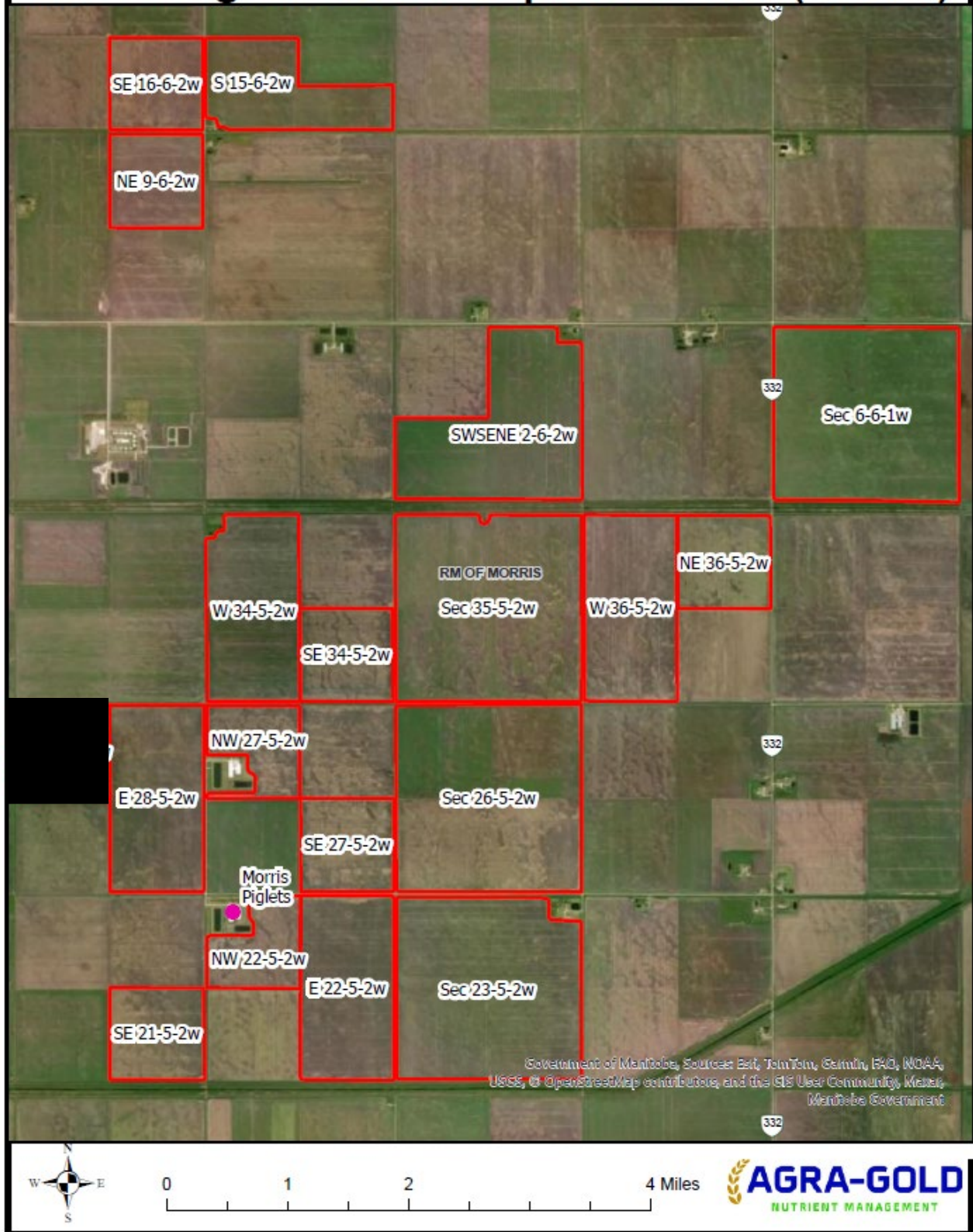
SHEET 1 of 1

Location Map

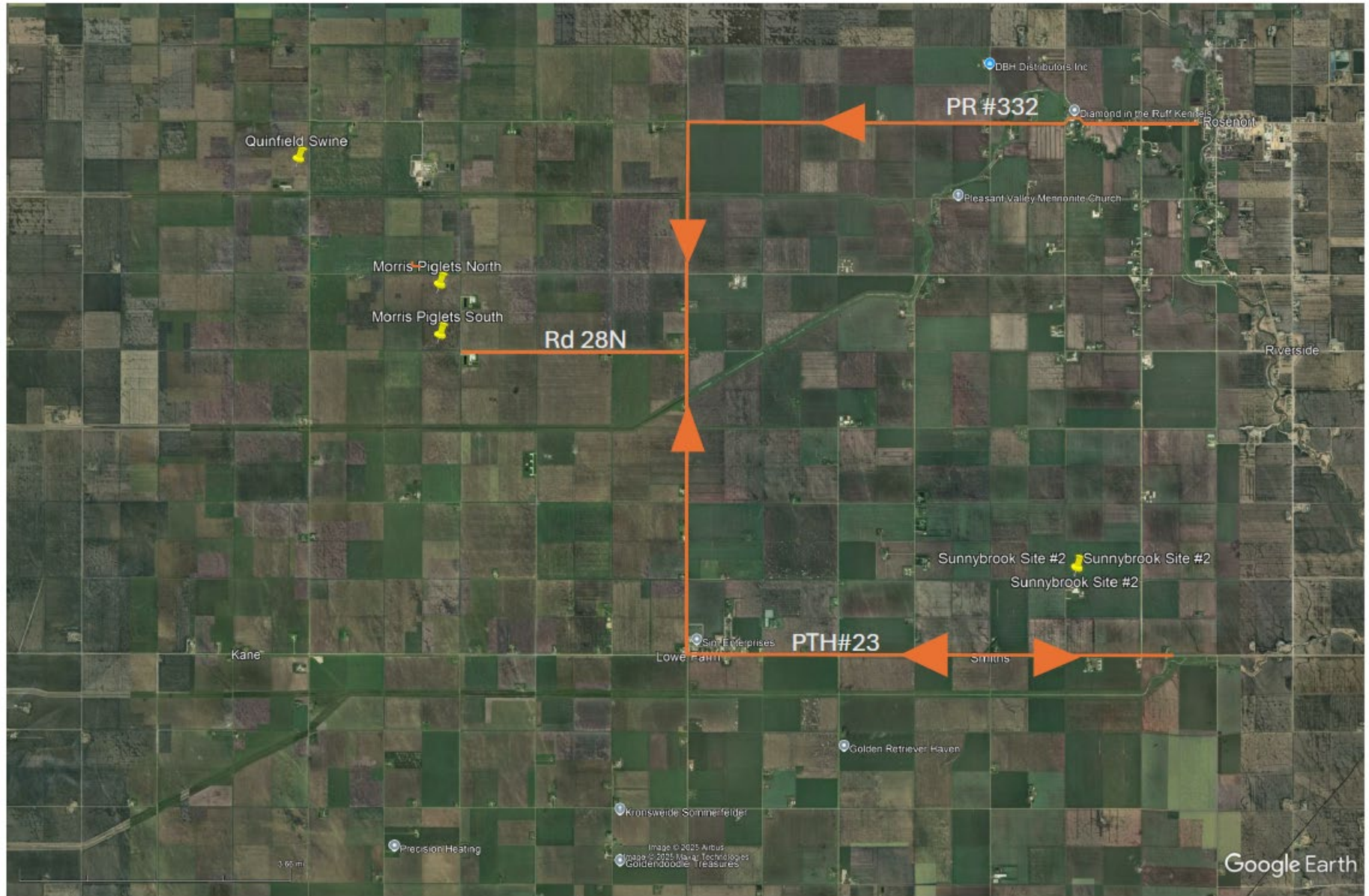


Site Map

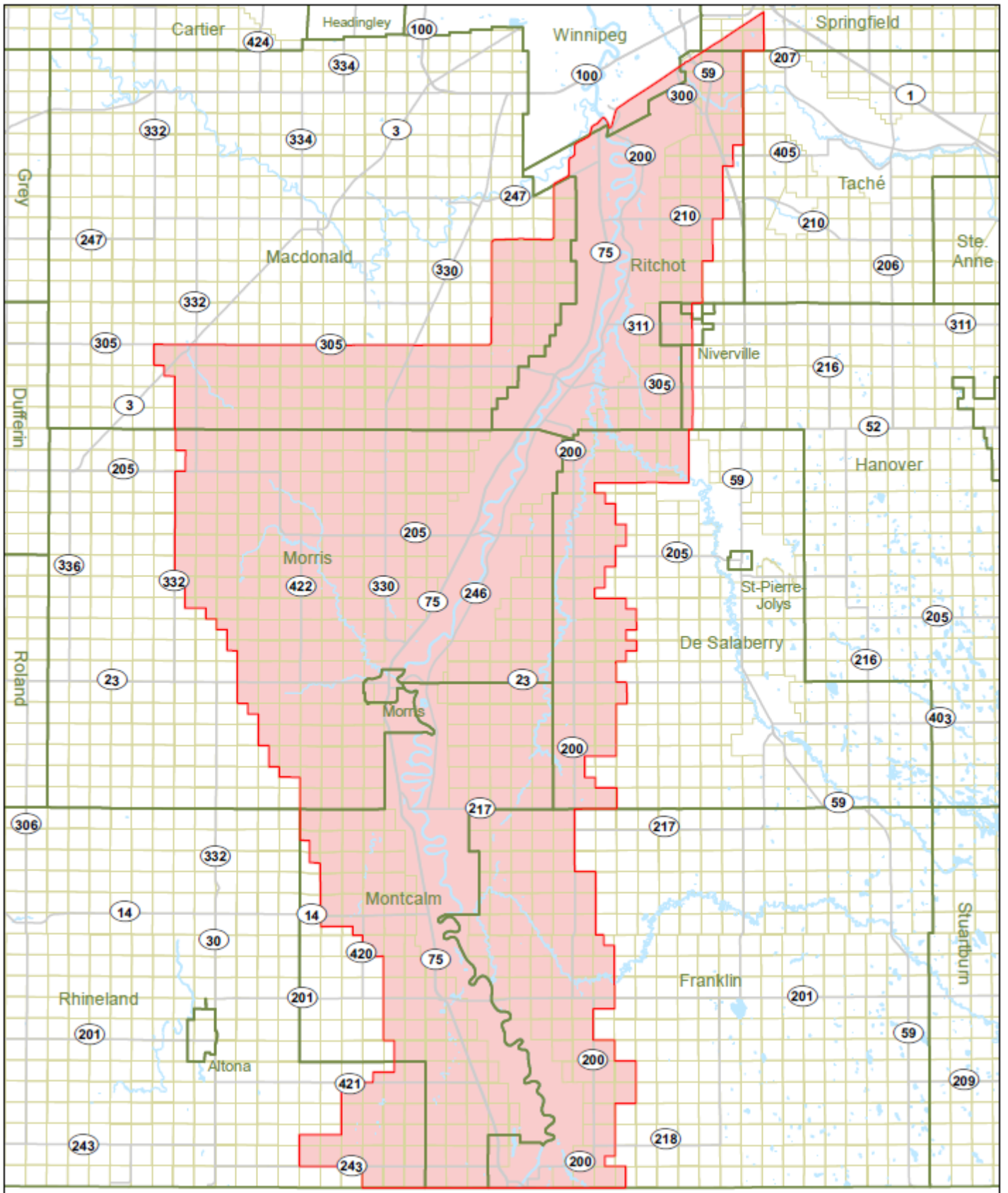
Morris Piglets Manure Spread Fields (Oct/25)



Spread Field Map

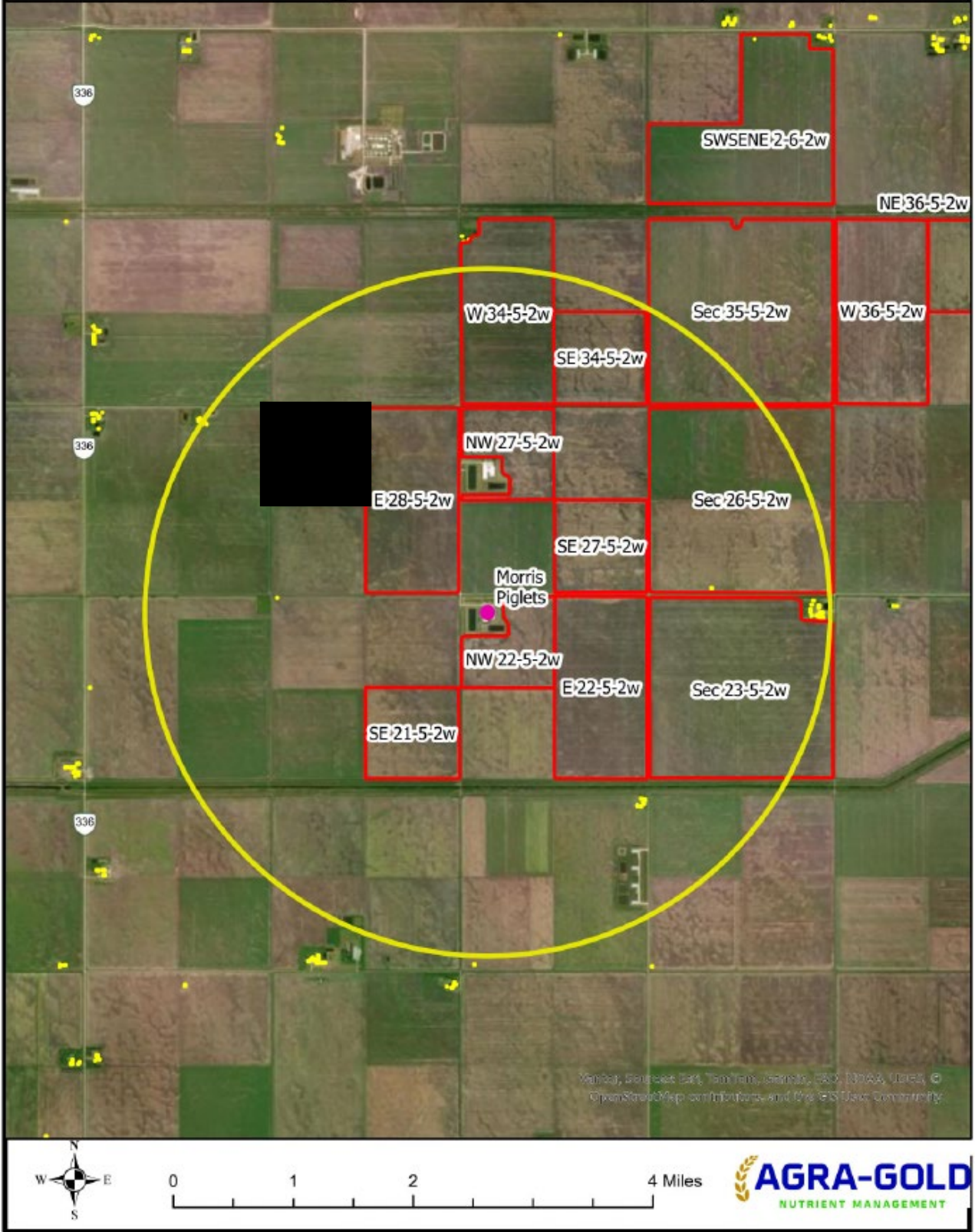


Truck Haul Route Map



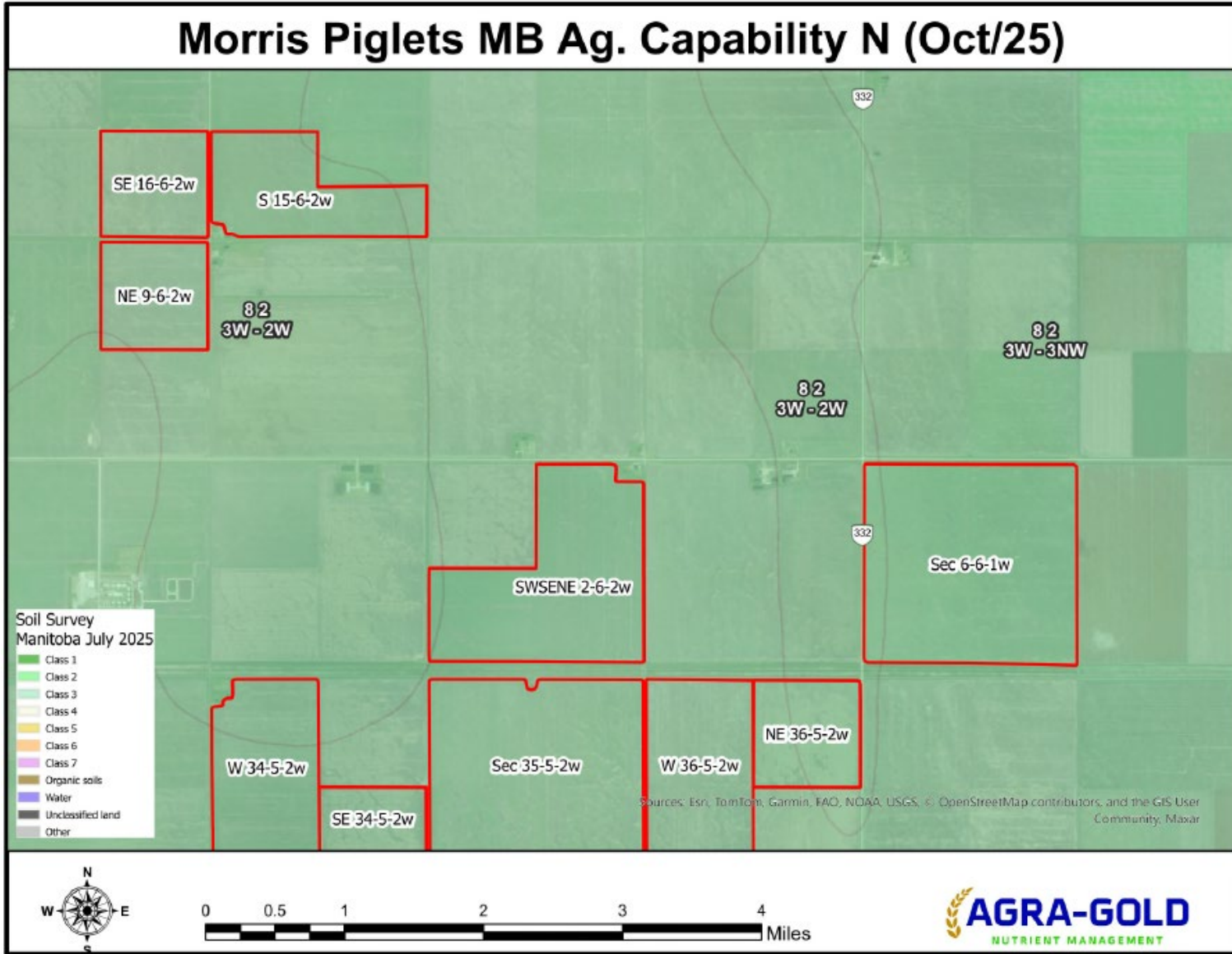
Red River Valley Designated Flood Area

Morris Piglets 3 km Buffer (Oct/25)



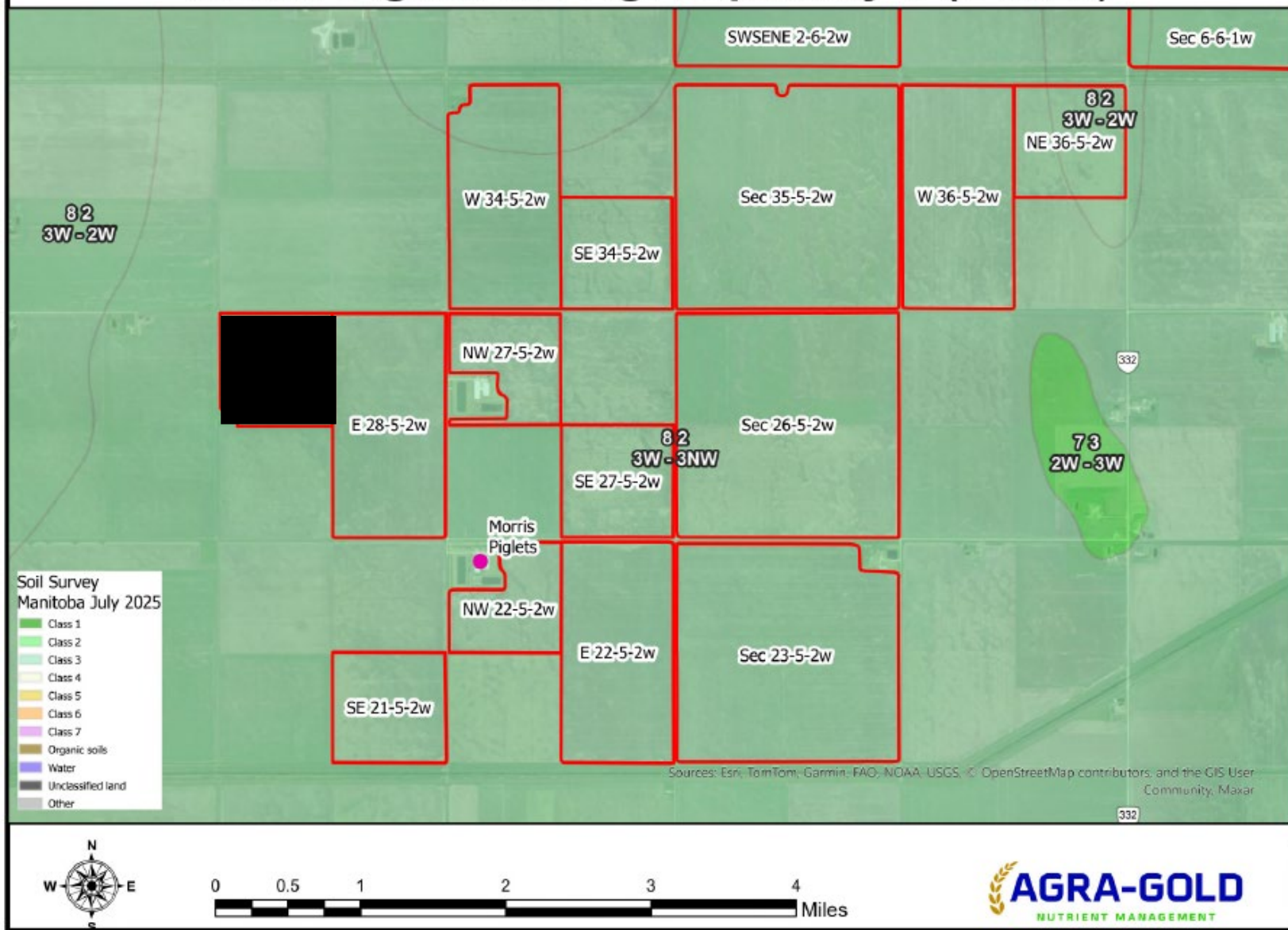
3km Buffer Zone Map

Morris Piglets MB Ag. Capability N (Oct/25)

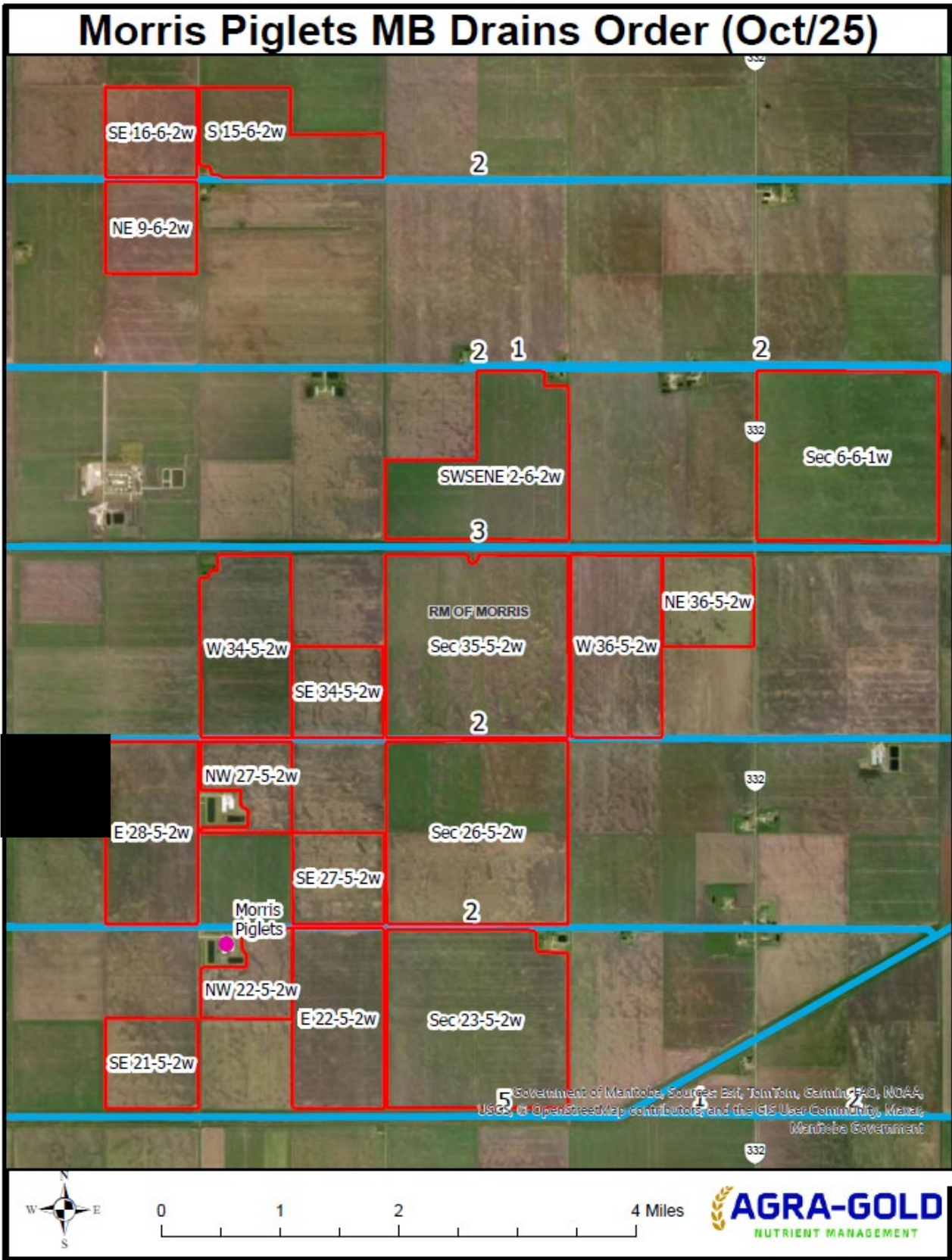


Agricultural Capabilities Map (1)

Morris Piglets MB Ag. Capability S (Oct/25)

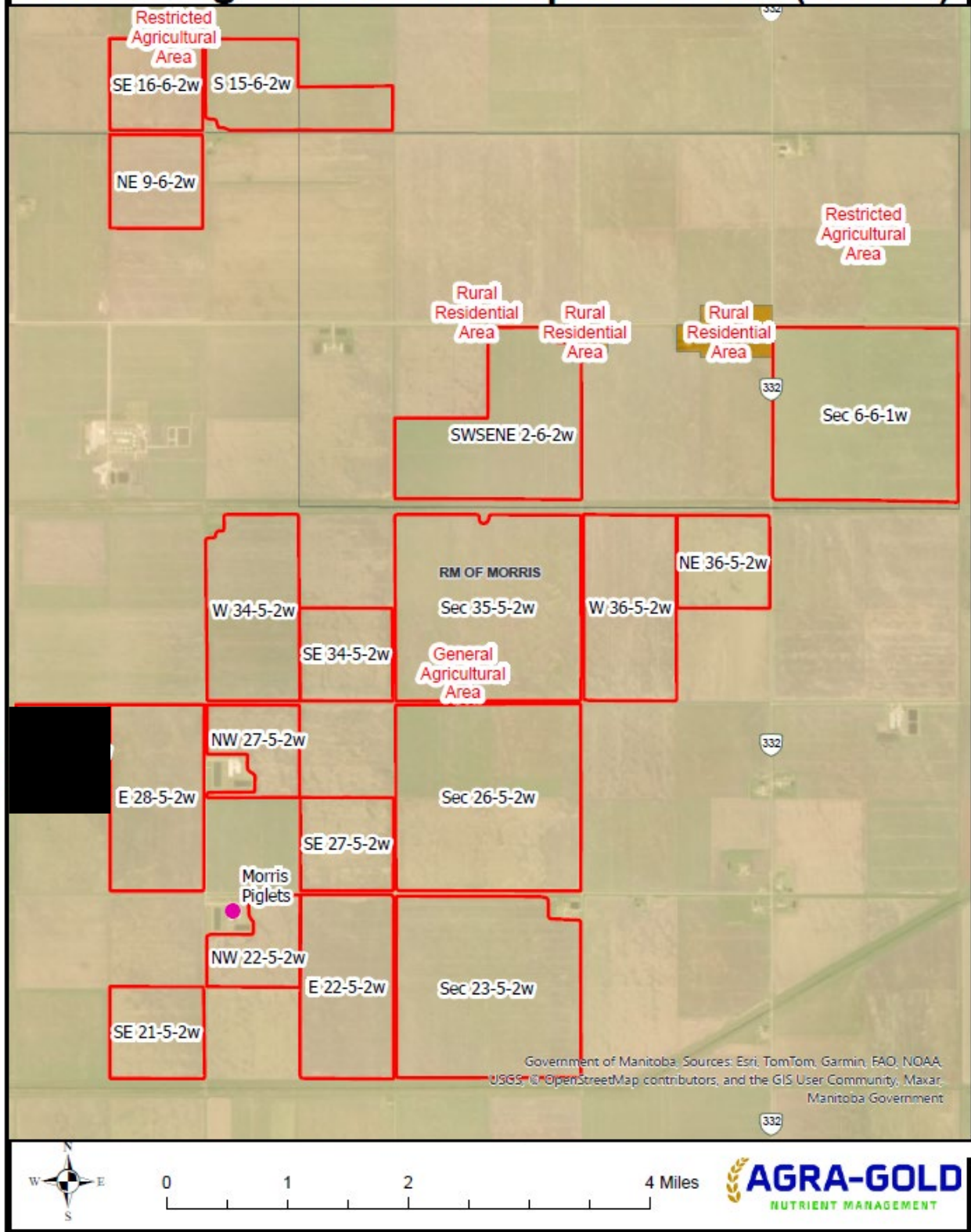


Agricultural Capabilities Map (2)



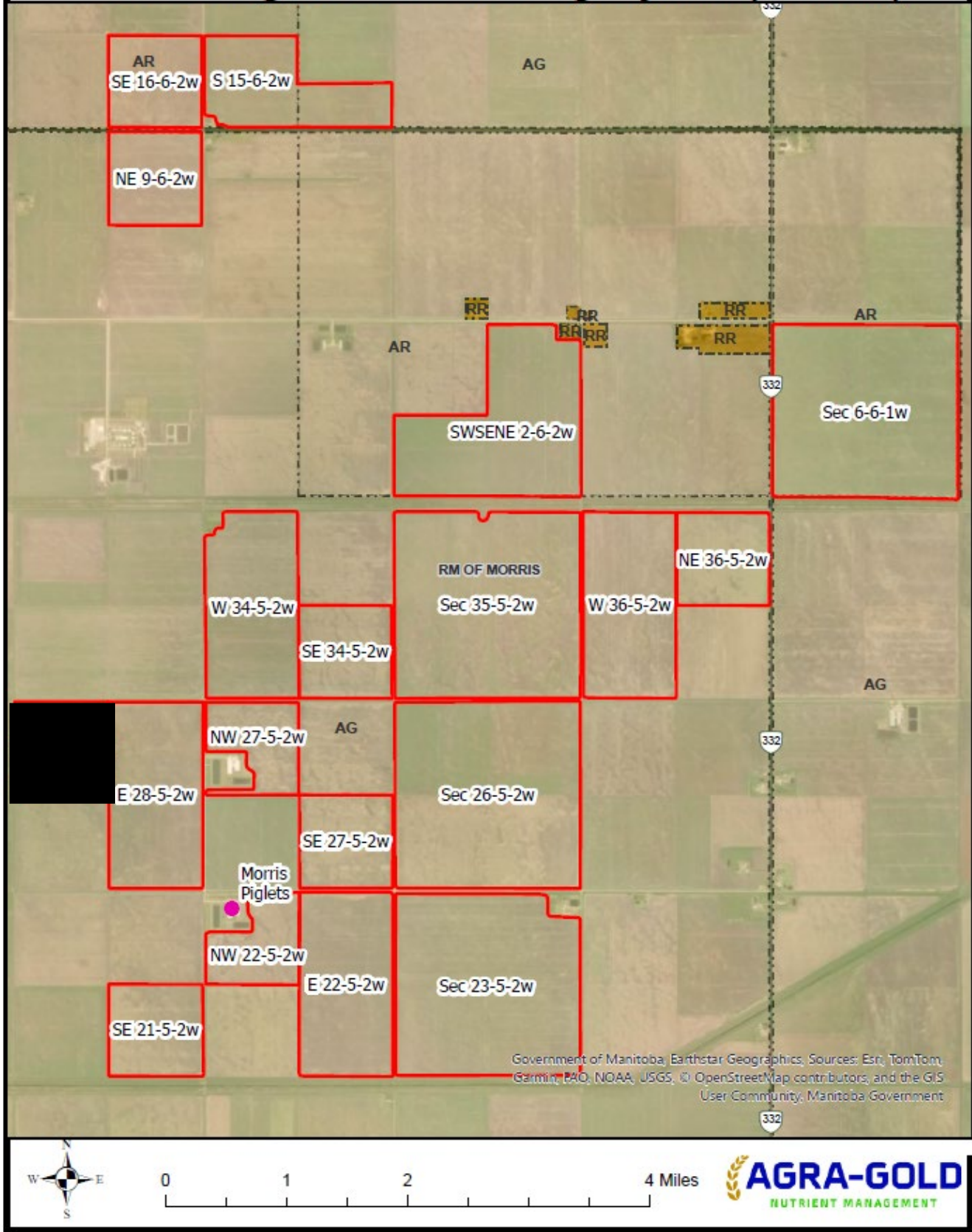
MB Drain Order Map

Morris Piglets RM Development Plan (Oct/25)



RM Development Plan Map

Morris Piglets RM Zoning Bylaw (Oct/25)



RM Zoning Bylaw 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>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.</p> <p>Jeroem Van Boekel's application is for an expanding operation to have 1,562 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 Jeroem Van Boekel, including all information necessary to review the application.</p>	MNR
2	Type and Size of Operation	Morris Piglets is seeking Conditional Use approval from the RM of Morris to expand its pig operation at NW ¼ 22-05-02 W to 5,200 sows, farrow to wean with an additional 450 weanling and 1,725 grower-finisher places for gilts. The total animal units would be 1,562 AU.	AGR
3	Animal Confinement Facilities	<p>Construction of a 50,078 sq ft Gestation Barn, 38,688 sq ft Farrowing Barn and 19,227 sq ft Gilt nursery/grow out are proposed. Building permits from the Inspections and Technical Services Branch (Municipal and Northern Relations) under <i>The Buildings Act</i> and the Manitoba Building Code.</p> <p>https://www.gov.mb.ca/labour/its/</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	Although the site assessment form states it is unsuitable, upon review we have confirmed that the proposed manure storage facilities are not located within Nutrient Management Zone N4 or any Nutrient Buffer Zones.	ECC
6	<p>Water Source: Dugout/reservoir</p> <p>Water Requirements of 32500 imperial gallons per day</p>	There have been discussions with the proponent, regarding water availability. At this time, water is not available from Tobacco Creek, but there is water availability for this proposal on L10 Drain. The proponent has submitted the Water Rights Application for the expansion and a Development Authorization Permit will be issued in due course for the allocation from L10 Drain.	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>The Planning Act 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 the NW ¼ 22-5-2 W in the RM of Morris, is designated General Agricultural Area (RM of Morris Development Plan By-law No. 1712/2015). The proposal complies with Development Policies 3.3.4-3.3.14 (Livestock Policies).</p> <p>The RM of Morris gave first reading to Bylaw 1811-2026 on April 8, 2026, to adopt a new Development Plan. The subject land will continue to be designated General Agricultural Area in the new Development Plan.</p>	MNR
8	Zoning By-Law	<p>Zoning</p> <p>The site of the proposed operation is zoned “AG” General Agricultural Zone (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 feet.</p> <p>The RM of Morris amended the Zoning By-law with By-law 1807/2025 that allows consideration to operations above 1,200 animal units that would be a significant benefit to the community.</p> <p>The proposed operation complies with the Zoning By-law.</p>	
9	Separation Distances	Variances for site area and site width are not required.	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 from surface water allocation. A review of the provincial water well database shows no registered wells within the proposed operation area or associated manure spreading sites. The proponent has also indicated that they are not aware of any abandoned wells on the project site or manure spreading 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.</p>	ECC
11	Water Control Works	There are no concerns and no requirement for an authorization under <i>The Water Rights Act</i> as it appears there are no new water control works proposed and the location of the proposed expansion does not appear to impact or alter prescribed wetlands.	ECC
12	Manure Type and Storage: Liquid/Earthen Manure Storage	<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
13	Mortalities disposal methods identified: Rendering	The applicant will render mortalities, which is an acceptable method of disposal. The applicant must keep the carcasses secure from scavengers, and ensure they are delivered to a rendering plant within four days after death unless refrigerated or frozen.	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

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
15	Building in Designated Flood Areas	Farm site is <u>not</u> located in a Designated Flood Area. Several spread fields are adjacent to Tobacco Creek and 4-N Drain, which are designated Provincial Water Infrastructure (PWI). Any activity on or near PWI requires a PWI permit from Hydrologic Forecasting and Water Management, under section 15.2(1) of <i>The Water Resources Administration Act</i> .	MTI
16	Odour control measures (project site)	Morris Piglets has indicated that there are existing shelterbelts and that straw covers will be used on the primary cells of the manure storage facilities. Construction of the new earthen manure storage facility may result in the removal of a portion of the existing shelterbelt to the south. 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
		Section 116(1) of <i>The Planning Act</i> allows municipal councils to require a manure storage cover and the planting of a shelterbelt as a condition of approval. The proponent has indicated that there is an existing shelterbelt and that straw cover of manure storage will be used to reduce odours.	MNR
17	Land Available for Manure Application	Morris Piglets South (NW ¼ 22-05-02 W) shares the manure application fields with Morris Piglets North (NW ¼ 27-05-02 W). Assuming an additional 2,600 sows (farrow to wean) at the north operation, Manitoba Agriculture calculated the land requirement for both operations to ensure there is enough land for both. The estimated land requirement for Morris Piglets North and South is 2,934 acres for the phosphorus or 2,133 acres for the nitrogen, whichever is higher. NW ¼ 28-5-2 W (160 acres) has been removed from the available land for manure application at the request of the owner. Morris Piglets has exceeded the land requirement by demonstrating that they have access to 5,633 suitable acres, which is enough land for all of the N and P generated by the pigs from both operations. Additional details can be found in the appendix.	AGR
		The spread field locations are designated General Agricultural or Restricted Agricultural (RM of Morris Development Plan By-law No. 1712/15) and comply with Livestock Policies 3.3.4-3.3.14. The proposed spread field locations are zoned “AG” General Agricultural or “AR” Restricted Agricultural Zone (RM of Morris Zoning By-law No. 1713/2015) 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

Related Section in the Site Assessment		Related Provincial Requirements and Safeguards	Dept.
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. 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 Steinbach Office. Please contact Rob Fender, Regional Planning Technologist, at (204) 346-6265 or Rob.Fender@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 some spread fields are located within a regularly inundated area. Under the Livestock Manure and Mortalities Management Regulation, manure applied there between September 10 and November 10 must be injected or incorporated within 48 hours. This does not apply where perennial forages are established, or the soil is not disturbed except for seed planting or commercial fertilizer application and has adequate crop residue to control erosion.	ECC
21	Projected Truck Haul Routes and Access Points	Proposed truck haul route utilizes existing Government Road Allowances and we have no concerns.	MTI
		<p>The proposed site is accessed by municipal road 28 to PTH 23 and PT 332.</p> <p>As per Section 116(2) of <i>The Planning Act</i>, 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.</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	
Carmel and Chad Toews	<p>Opposed Concerns Regarding:</p> <ul style="list-style-type: none"> - The potential increase in semi trucks and their impact on roads. - The potential increase in odour.
Gena Artemchuk	<p>Concerned Concerns Regarding:</p> <ul style="list-style-type: none"> - The potential increase in traffic and its impact on road conditions, local bridge infrastructure, road safety, and dust control.
Peter and Anna Harder	<p>Opposed Concerns Regarding:</p> <ul style="list-style-type: none"> - The impact of heavy traffic on road conditions. It was expressed that the proponent should be supporting the upkeep of roads and dust control. - The potential increase in odour. - The operation's past issues with fire protection. - The operation's past of running out of water in their reservoirs.
Melvin J. Toews	<p>Opposed Concerns Regarding:</p> <ul style="list-style-type: none"> - The potential increase in odour.

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 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(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 Morden Community Planning 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. 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 <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 RM of Morris, 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 Morris Piglets. Ten-year crop yield averages from the Manitoba Agricultural Services Corporation (MASC) for the RM of Morris 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. Reconnaissance soil survey is available in the area to determine the agriculture capability of the land. The soil survey indicates the land is Classes 2 and 3, prime agricultural land. The limitations in the area are (W) and salinity (N).

Morris Piglets South (NW 22-05-02W) shares the manure application fields with Morris Piglets North (NW 27-05-02W). Assuming an additional 2600 sows (farrow to wean) at the north operation, Manitoba Agriculture calculated the land requirement for both operations to ensure there is enough land for both. The estimated land requirement for Morris Piglets North and South is 2934 acres for the phosphorus or 2133 acres for the nitrogen, whichever is higher. NW 28-5-2W (160 acres) has been removed from the available land for manure application at the request of the owner. Morris Piglets has exceeded the land requirement by demonstrating that they have access to 5633 suitable acres, which is enough land for all of the N and P generated by the pigs from both operations.

Manitoba Natural Resources and Indigenous Futures – Fisheries Branch

The Fisheries Branch has reviewed the plans for the proposed expansion and not found any elements of concerns with regards to fish health and the health of fish habitat.

Manitoba Natural Resources and Indigenous Futures – Lands and Planning Branch

The Lands Branch has reviewed the Morris Piglets 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.

Appendix B



Morris Piglets Ltd. Response to Public Review Comments

Morris Piglets would like to address the concerns expressed by area residents in public comments about our proposal. The comments received share two common themes - the impact on area road conditions and odours emanating from the operation.

Hog operations require continual delivery of feed and other supplies as well as the transporting of pigs in and out of the operation. We do recognize that truck traffic can impact roads in the immediate area of the operation.

For this operation, most of the feed truck traffic originates from the north side of the farm, so does not impact from road 28 south to PTH#23. Weanlings are shipped approximately three times per week, using Road 28 south and PTH#23. We rely on the RM of Morris and the Province of Manitoba to maintain and upgrade these roads and provide dust control as necessary. Morris Piglets may be willing to provide some dust control in the areas directly affected by our semi-truck traffic.

For livestock operations, odours emanate from the barns, from the manure storage and from manure spreading.

By maintaining clean, well-ventilated facilities we mitigate the odours from the barns.

Odours from the manure storage can be managed by planting shelter belts or covering the manure storage with straw as we currently do.

Manure application is overseen by Manitoba Environment and Climate Change staff. Sufficient land is available to apply the manure based on annual crop nutrient requirements. Applying manure once per year using manure injection technology and/or incorporation equipment to mix it into the soil will help to reduce odour nuisance during application.

Morris Piglets have always strived to be good neighbours and corporate citizens and will continue to do so. We have made donations to several community organizations and charities; the Local Fire Department being a recent recipient.

Morris Piglets pays over \$20,000 annually in taxes to the RM of Morris. We spend over \$5 million in the Pembina Valley including \$1.3 million in wages for employees (who also pay taxes).

We hope our response addresses some of your concerns and would be willing to discuss these issues with you.

Sincerely,

A handwritten signature in blue ink, appearing to read 'J. Boekel', with a long horizontal flourish extending to the right.

Jeroen Boekel
President of Morris Piglets Ltd.