

Total permitted animal capacity from all permits for this site:
4,000 swine feeders

In consideration of Decision Summary RA19039, Approval RA19039 is issued to:

Name: Lewisville Pork Farm Inc., (the “permit holder”)
Address: Box 2951 Wainwright AB T9W 1S8
Contact person: Bryan Perkins

Permitted construction (based on the submitted site plan):

- Second earthen liquid manure storage (EMS, 64 m x 76.4 m)
- Berm between EMSs and the slough common body of water

The permit holder shall comply with the requirements of the *Agricultural Operation Practices Act* (AOPA) and the regulations passed pursuant to that act.

The permit holder shall adhere to the descriptions contained in the filed applications for municipal development permit 2001-47 (replaced by Approval RA10005M) and Approval RA19039, together with the site plans, building plans, operating plans, engineering reports and other attached documents, unless otherwise noted in the following conditions.

The permit holder shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspection in condition three.

The permit holder is responsible for all costs associated with monitoring, sampling, testing, recording and reporting requirements.

Construction conditions

Second EMS

1. Construction above water table
The permit holder shall immediately cease construction of the second EMS and contact the NRCB if the water table is observed to be 1 m or less from the bottom of it at the time of construction.
2. Liner requirement
The permit holder shall provide the NRCB with a written construction completion report for the second EMS. The report must be stamped and signed by a “professional engineer,” as defined in the *Standards and Administration Regulation*, and must confirm that the secondary EMS cell:
 - is constructed in the proposed location,
 - has the correct horizontal and vertical dimensions including elevations above and below grade, berm heights, and side slopes,

- liner is constructed with the same material as that submitted for hydraulic conductivity testing and,
- is constructed in accordance with the specifications stated in the application for Approval RA19039.

This document must be provided to the NRCB prior to the inspection referenced in condition three, or by a later date stated in writing by the NRCB.

3. Construction completion deadline
The permit holder shall complete the construction of the second EMS prior to October 30, 2021. Upon written request, this deadline may be extended by the NRCB in writing.
4. Post construction inspection
The permit holder shall not place manure in the second EMS until NRCB personnel have inspected it, as well as the berm located between the EMS and the common body of water, and stated in writing that the second EMS and the berm have been constructed in accordance with the terms and conditions of this permit.

Berm between EMSs and the slough common body of water

5. The permit holder shall construct and maintain a berm located between the EMSs and the common body of water. The permit holder shall provide the NRCB with a written construction completion report for the berm. The report must be stamped and signed by a "professional engineer," as defined in the *Standards and Administration Regulation*, and must confirm that the berm:
 - is constructed in the proposed location,
 - has the correct height, thickness and side slopes,
 - is constructed with the same material as that submitted for hydraulic conductivity testing
 - is able to direct any potential surface water or manure over flows from the EMSs away from the common body of water and,
 - is constructed in accordance with the specifications stated in the application for Approval RA19039.
6. Construction completion deadline
The permit holder shall complete the construction of the berm prior to the inspection referenced in condition four (above). Upon written request, this deadline may be extended by the NRCB in writing.

Operating conditions

7. Inspection and maintenance of the EMSs and their secondary containment (berm).
The permit holder shall conduct an annual inspection of the EMSs and their secondary containment. The inspection must document any outstanding required repair work completed on the EMSs and the secondary containment in addition to any repairs that have been completed in the previous year. A written annual report detailing the above must be



provided to the NRCB by July 31 of each year, unless otherwise directed in writing by the NRCB.

8. The permit holder shall conduct leak detection monitoring for the swine earthen manure storage, according to a groundwater monitoring system prescribed and authorized in writing, and as amended from time to time where appropriate, by the NRCB.

This approval becomes effective immediately. The approval conditions will remain in effect unless amended in writing by the NRCB.

The deemed permit and Approval RA10005M are hereby cancelled and are no longer in effect, unless Approval RA19039 is held invalid, in which case the previous permits will remain in effect.

August 13, 2020

(Original Signed)
Jeff Froese
Approval Officer



Approval RA19039 – Appendix

Existing permitted facilities

From the deemed permit (including MD of Wainwright issued permit 2001-47)

Barn 1: 20.1 m x 63.7 m

Barn 2: 20.1 m x 63.7 m

Barn 3: 20.1 m x 63.7 m

Barn 4: 20.1 m x 63.7 m

EMS (existing): 47.0 m x 46.0 m x 4.1 m deep