



In consideration of Decision Summary LA21024, Authorization LA21024 is issued to:

Name: South Prairie Farms Ltd. (the "permit holder")
Address: Box 187, Barnwell AB T0K 0B0
Contact person: Stuart Boeve

Permitted construction (based on the submitted site plan):

- Earthen liquid manure storage – 86 m x 48 m x 4 m
- New concrete lined pit – 7.3 m x 12.2 m x 2.4 m

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 application LA21024 together with the site plan, engineering report, and other associated documents, unless otherwise noted in the following conditions.

The permit holder shall contact the NRCB at least ten working days in advance of the desired inspection date to schedule the inspection in conditions four and seven.

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

Facility closure conditions

1. The old manure pit must be closed
 - a. The permit holder shall close the old manure pit in accordance with the requirements of Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas" for facility type 4, concrete and steel manure storage facilities.
 - b. The permit holder shall complete the closure of the manure pit prior to starting construction of the new concrete lined pit stated above and the free stall barn extension permitted by Approval LA15046.
 - c. The permit holder shall provide the NRCB with a completed copy of the Manure Storage/Collection Area Closure worksheet referenced in Agdex 096-90 for the old pit. This completed worksheet must be provided to the NRCB before the inspection of the new concrete lined pit stated below and the free stall barn extension permitted by Approval LA15046, or by a later date stated by the NRCB in writing.

Construction conditions

Earthen liquid manure storage (EMS)

2. Construction completion deadline

The permit holder shall complete the construction of the EMS prior to November 1, 2025. Upon written request, this deadline may be extended by the NRCB in writing.

3. Construction report requirement

The permit holder shall provide the NRCB with an engineer's completion report for the EMS. The report must specify that the EMS was constructed in accordance with the recommendations in the Wood Environmental and Infrastructure Solutions report BX30711, dated March 2, 2022. The report must also specify that the inlet to the EMS was installed in the lower quarter of the EMS. This report must be provided to the NRCB prior to the inspection referenced in condition four, or by a later date stated in writing by the NRCB.

4. Post construction inspection

The permit holder shall not place manure in the EMS until NRCB personnel have inspected it and stated in writing that it has been constructed in accordance with the terms and conditions of this authorization.

New concrete lined pit

5. Construction completion deadline

The permit holder shall complete the construction of the new concrete lined pit prior to November 1, 2025. Upon written request, this deadline may be extended by the NRCB in writing.

6. Concrete

The concrete used to construct the new pit needs to meet the specification for category B (liquid manure shallow pits) as in in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas."

The permit holder shall provide documentation to the NRCB confirming the specifications of the concrete used in the new concrete lined pit. This documentation must be provided to the NRCB prior to the inspection referenced in condition seven, or by a later date stated in writing by the NRCB.



7. Post construction inspection

The permit holder shall not place manure in the new concrete lined pit until NRCB personnel have inspected it and stated in writing that it has been constructed in accordance with the terms and conditions of this authorization.

This authorization becomes effective immediately and needs to be read in conjunction with previously issued Approval LA15046. The authorization's conditions will remain in effect unless amended in writing by the NRCB.

April 26, 2022

(Original signed)

Jeff Froese
Approval Officer