



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

In consideration of Decision Summary RA21047, Approval RA21047 is issued to:

Name: Tim and Kara Steenbergen, and Harold and Mary Solick (the “co-permit holders”)
Address: 2532 Township Rd 370, Red Deer County AB T4G 0M9
Contact person: Tim Steenbergen

Permitted construction (based on the submitted site plan):

- Swine barn – 131 m x 25 m x 0.7 m deep (pits)
- Earthen manure storage – 45 m x 65 m x 4.25 m deep

The co-permit holders 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, together with the site plan, building 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 conditions #2 and 6.

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

Construction conditions

Swine Barn

1. The concrete used to construct the liner of the swine barn must meet the specifications for category B (liquid manure shallow pits), and category C (solid manure-wet), in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The co-permit holders shall provide written documentation confirming that the concrete used for the manure collection and storage areas meets the required specifications.
2. The co-permit holders shall not allow livestock or manure in the swine barn, until the facility has been inspected by NRCB personnel and confirmed by them, in writing to have been constructed in accordance with the terms and conditions of this permit.
3. The co-permit holders shall complete construction of the manure collection and storage portions of the swine barn prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.



Earthen Manure Storage

4. The co-permit holders shall provide the NRCB with a written construction completion report for the new EMS. The report shall be stamped and signed by a “professional engineer”, as defined in the Standards and Administration Regulation, and shall:
 - a. Certify that the EMS was constructed at the location specified in the site plan provided with the application
 - b. Certify that the liner material used in the EMS is the same material that was submitted for hydraulic conductivity testing
 - c. Certify that the EMS was constructed according to the recommended construction procedures in the May 9, 2022 Site and Soil Assessment by Envirowest Engineering.
 - d. Provide the constructed EMS dimension, including elevations below and above grade (including a maximum depth below grade of 1.55 m), liner thickness, berm height, and side slopes.

This report must be provided to the NRCB before the inspection referenced in condition #6 below, or by a later date stated by the NRCB.

5. The co-permit holders shall immediately cease construction of the EMS and contact the NRCB if the water table is observed to be one metre or less from the bottom of the liner of the EMS.
6. The co-permit holders shall not allow manure in the EMS, until the facility has been inspected by NRCB personnel and confirmed by them, in writing to have been constructed in accordance with the terms and conditions of this permit.
7. The co-permit holders shall complete construction of the manure collection and storage portions of the EMS prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing

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

October 25, 2022

(Original signed)

Lynn Stone
Approval Officer