



Total permitted animal capacity from all permits for this site:
120 milking cows (plus dries and replacements)

In consideration of Decision Summary RA21021, Registration RA21021 is issued to:

Name: Ridgebeam Farms Ltd. (the "permit holder")
Address: 40028 RR264 Lacombe AB T4L 2N2
Contact person: Eric Boeve

Permitted construction (based on the submitted site plan):

- dairy barn (79 m x 21 m + 17 m x 6 m x 2.4 m deep manure transfer pit)
- calf barn (22 m x 11 m)
- solid manure storage pad (45 m x 30 m)
- earthen liquid manure storage (EMS) (55 m x 45 m x 4.75 m deep)

Ancillary facility:

- utility room, attached to dairy barn (11 m x 10 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 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 dates to schedule the inspection in conditions # 2, 5, 7 and 10.

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

Construction conditions

Dairy barn

1. The concrete used to construct the liner of the new dairy 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 permit holder shall provide written confirmation, from a qualified third party, confirming that the concrete used for the manure collection and storage areas meets the required specifications.
2. The permit holder shall not allow livestock or manure in the new dairy 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 permit holder shall complete construction of the manure collection and storage portions of the dairy barn prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Calf barn

4. The concrete used to construct the liner of the new calf barn must meet the specifications for category D (solid manure – dry), in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The permit holder shall provide written confirmation, from a qualified third party, confirming that the concrete used for the manure collection and storage areas meets the required specifications.
5. The permit holder shall not allow livestock or manure in the new calf 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.
6. The permit holder shall complete construction of the manure collection and storage portions of the calf barn prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Solid manure storage pad

7. The permit holder shall not allow manure on the manure storage pad until NRCB personnel have inspected it, and stated in writing that the manure storage pad has been constructed in accordance with the terms and conditions of this permit.
8. The permit holder shall complete the construction of the manure storage pad prior to November 30, 2025. Upon written request, this deadline may be extended by the NRCB in writing.

EMS

9. The permit holder shall provide the NRCB with a written construction completion report for the EMS. The report shall be stamped and signed by a “professional engineer,” as defined in the Standards and Administration Regulation, and shall:
 - Certify that the EMS was constructed at the location specified in the site plan provided with the application;
 - Certify that the EMS was constructed according to the recommended construction procedures in the Envirowest Engineering report dated June 9, 2022;
 - Provide the EMS dimensions, including elevations below and above grade, berm height, and side slopes.

This report must be provided to the NRCB before the inspection referenced in condition #10 below, or by a later date as directed in writing by the NRCB.



10. The permit holder shall not allow manure in the EMS until the manure collection and storage parts of the facility have 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.
11. The permit holder shall complete construction of the EMS prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Miscellaneous conditions

12. The permit holder shall provide documentation, from a qualified third party, confirming the distance from the closest manure collection or storage facility to the nearest residence.

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

June 28, 2022

(original signed)
Francisco Echegaray, P.Ag.
Approval Officer