



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

In consideration of Decision Summary RA25024, Approval RA25024 is issued to:

Name: DeBruyn Cattle Company Ltd. (the "permit holder")
Address: RR 1 Rocky Mountain House, AB T4T 2A1
Contact person: Hendri Hondebrink

Permitted construction (based on the submitted site plan):

- Dry cow barn – 51.8 m x 16.5 m x 0.9 m deep

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, the site plan, operating plan, and other attached documents included with filed Application RA25024 and associated Registration RA17068.

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 2.

The permit holder is responsible for all costs associated with monitoring, sampling, testing, recording, and reporting requirements (this includes post construction reports).

Construction conditions

Dry cow barn

1. The concrete used to construct the liner of the manure collection and storage portion of the dry cow barn to 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 documentation to confirm the specifications of the concrete used to construct the manure storage and collection portions of the dry cow barn prior to the inspection noted in condition 2, unless otherwise stated by the NRCB.
2. The permit holder shall not place livestock or manure in the dry cow 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 dry cow barn prior to January 1st, 2028. Upon request, this deadline may be extended by the NRCB in writing.



Operating conditions (carried forward and updated from Registration RA17068)

4. The permit holder shall sample and test raw groundwater on an annual basis, from water well ID 456022 and water well ID 456021 according to the water well monitoring requirements prescribed by the NRCB in writing ("Sampling for Water Well Monitoring" Fact Sheet). The NRCB may, based on the monitoring results and at its discretion, revise those requirements in writing. (See Water Well Monitoring Requirements)

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

Previously issued Registration RA17068 is hereby superseded, and its content consolidated into this Approval RA25024, unless Approval RA25024 is held invalid following a review and decision by the NRCB's board members or by a court, in which case Registration RA17068 will remain in effect.

June 18, 2025

(Original signed)

Sarah Neff
Approval Officer

Approval RA25024 – Appendix

Existing permitted facilities

Facility	Dimensions (m)	Permit
Freestall barn	40.2 x 24.4	Deemed permit
Young stock barn (expanded)	42.7 x 24.4	RA17068
Connecting alley	25.6 x 14.6	RA10049
Manure storage pad	84 x 18.3	RA10049
Barn extension (to house robot milkers), and attached office area (ancillary structure)	24.4 x 24.4, 10.7 x 9.1	RA10049
Calf barn	23.2 x 19.5	RA14013
New EMS	51.8 x 79.2 x 4.7 m deep	RA17068
Dairy and dry cow barn	37.2 x 91.5	RA17068

Construction conditions (already met; brought forward from Registration RA17068)

Dairy and dry cow barn

1. Concrete

- a. The concrete used to construct the liner of the pens must meet the specification 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 proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.
- b. The concrete used to construct the manure collection and storage liner for the scrape alleys must meet the specification for 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 proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.
- c. The concrete used to construct the manure collection liner of the cross alleys (pits) must meet the specification for category B (liquid manure, shallow pits) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.

2. Construction completion deadline

The permit holder shall complete construction of the dairy and dry cow barn prior to January 1, 2020. Upon request, this deadline may be extended by the NRCB in writing.



3. Post construction inspection

The permit holder shall not place livestock or manure in the dairy and dry cow barn until the NRCB has inspected the barn and stated in writing that it has been constructed in accordance with this registration.

Young stock barn addition

4. Concrete

- a. The concrete used to construct the liner of the pens and loafing areas must meet the specification 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 proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 6 below, or by a later date stated by the NRCB.
- b. The concrete used to construct the manure collection and storage liner for the scrape alleys must meet the specification for 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 proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 6 below, or by a later date stated by the NRCB.
- c. The concrete used to construct the manure collection liner of the cross alleys (pits) must meet the specification for category B (liquid manure, shallow pits) in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas." The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 6 below, or by a later date stated by the NRCB.

5. Construction completion deadline

The permit holder shall complete construction of the dairy and dry cow barn prior to January 1, 2020. Upon request, this deadline may be extended by the NRCB in writing.

6. Post construction inspection

The permit holder shall not place livestock or manure in the dairy and dry cow barn until the NRCB has inspected the barn and stated in writing that it has been constructed in accordance with this registration.

New EMS

7. Construction above the sandstone

After completing rough grading of the new EMS, but before beginning construction (compaction of soil) the permit holder shall determine the thickness of soil between the new EMS and the sand stone. A written report, prepared by a "professional engineer," as defined in the Standards and Administration Regulation, must be submitted to the NRCB indicating that at least one metre of soil is present between the base of the EMS and the sandstone. Construction of the new EMS shall not commence until the NRCB has approved the report in writing.



8. Construction above water table

The permit holder shall immediately cease construction work related to the new EMS and contact the NRCB if the water table is observed to be one metre or less from the bottom of the EMS's manure storage liner.

9. Construction deadline

The permit holder shall complete construction of the new EMS prior to January 1, 2020. Upon request, this deadline may be extended by the NRCB in writing.

10. Construction completion report

The permit holder 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:

- Certify that the new EMS is constructed at the location specified in the site plans provided with the application;
- Certify that the liner material used to construct the new EMS is the same material that was submitted for hydraulic conductivity testing;
- Certify that the new EMS was constructed according to the recommended construction procedures in the documentation provided by DGH Engineering Ltd. attached to Technical Document RA17068;
- Provide the constructed new EMS's dimensions, including elevations below and above grade, liner thickness, berm height, and side slopes; and
- Provide the in-situ density test results for the compacted liner of the constructed new EMS.

11. Post construction inspection

The permit holder shall not allow manure to enter the new EMS until the NRCB has inspected it, and stated in writing that the EMS has been constructed in accordance with this registration.

Decommissioning

12. The portions of the solid manure storage pad that will be replaced by new pits or scrape alleys under the new young stock barn's addition

- a. The permit holder shall decommission the required portion of the solid manure storage pad, according to Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas" on or before beginning construction of the pits and scrape alleys of the young stock barn addition.
- b. 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 required portions of the solid manure storage pad. This completed worksheet must be provided to the NRCB on or before beginning construction of the young stock barn addition, or by a later date stated by the NRCB in writing.



13. The old EMS

- a. Within one year of completing construction of the new EMS and it being approved for use by the NRCB, the permit holder shall decommission the old EMS according to Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas".
- b. 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 EMS. This completed worksheet must be provided to the NRCB within a month of the old EMS being decommissioned, or by a later date stated by the NRCB in writing.