



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

In consideration of Decision Summary RA24042, Approval RA24042 is issued to:

Name: Willem and Hendrikje van de Brake and Thornspyc Dairy Ltd. (the “co-permit holders”)
Address: RR 1 Lacombe, AB T4L 2N1
Contact person: Jan van de Brake

Permitted construction (based on the submitted site plan):

- Solid bedding pack barn (replacement and expansion) – 110 m x 40 m
- Youngstock shed #2 (replacement and expansion) – 125 m x 16 m
- Youngstock shed #3 (addition to create one continuous shed) – 125 m x 50 m (final dimensions)

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 co-permit holders shall adhere to the descriptions, the site plan, building plans, operating plan and other attached documents included with filed Application RA24042.

The co-permit holders shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspection in conditions 3, 7 and 11.

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

Construction conditions

Solid bedding pack barn

1. The concrete used to construct the liner of the manure collection and storage portions of the new solid bedding pack barn shall 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”.
2. The co-permit holders shall provide documentation to confirm the specifications of the concrete used to construct the manure storage and collection portions of the new solid bedding pack barn.
3. The co-permit holders shall not allow livestock or manure in the new solid bedding pack 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.

4. The co-permit holders shall complete construction of the manure collection and storage portions of the new solid bedding pack barn prior to November 30, 2027. Upon request, this deadline may be extended by the NRCB in writing.

Youngstock shed #2

5. The concrete used to construct the liner of the manure collection and storage portions of the new youngstock shed #2 shall 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”.
6. The co-permit holders shall provide documentation to confirm the specifications of the concrete used to construct the manure storage and collection portions of the new youngstock shed #2.
7. The co-permit holders shall not allow livestock or manure in the new youngstock shed #2 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.
8. The co-permit holders shall complete construction of the manure collection and storage portions of the new youngstock shed #2 prior to November 30, 2027. Upon request, this deadline may be extended by the NRCB in writing.

Youngstock shed #3

9. The concrete used to construct the liner of the manure collection and storage portions of the addition to youngstock shed #3 shall 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”.
10. The co-permit holders shall provide documentation to confirm the specifications of the concrete used to construct the manure storage and collection portions of the addition to youngstock shed #3.
11. The co-permit holders shall not allow livestock or manure in the addition to youngstock shed #3 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.
12. The co-permit holders shall complete construction of the manure collection and storage portions of the addition to youngstock shed #3 prior to November 30, 2027. Upon request, this deadline may be extended by the NRCB in writing.

Facility decommissioning

13. The co-permit holders shall decommission the solid bedding pack barn and youngstock shed 2 in accordance with Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas".

Operating conditions

14. The co-permit holders shall sample and test raw groundwater on an annual basis, from water well ID 283528, 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 RA24042 Water Well Monitoring Statement)

This approval becomes effective immediately. The approval conditions will remain in effect unless amended in writing by the NRCB. Thornspyc Dairy's deemed registration is hereby superseded, and its content consolidated into this Approval RA24042, unless Approval RA24042 is held invalid following a review and decision by the NRCB's board members or by a court, in which case Thornspyc Dairy's deemed registration will remain in effect.

April 23, 2025

(Original signed)

Sarah Neff
Approval Officer



RA24042 – Appendix

Existing permitted facilities

Facility	Dimensions (m)	Permit
Calf hutch barn	28 x 9	Deemed
Youngstock shed #2	53 x 13	Deemed
Youngstock shed #3	125 x 16	Deemed
Solid bedding pack barn (L-shaped)	576 m ²	Deemed
Free stall dairy barn	51.2 x 30.8 x 2 m deep	Deemed
Dairy parlor	24.4 x 18.3	Deemed
EMS	88 x 35 x 7 m deep (exact depth unknown)	Deemed