



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

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In consideration of Decision Summary RA22003B, Approval RA22003B is issued to:

Name: Thousandfields Dairy Ltd. (the "permit holder")  
Address: RR#2 Range Road 263, Lacombe AB T4L 2N2  
Contact person: Nick and Barry Buter

**Permitted construction** (based on the submitted site plan):

- Dairy barn – 45.8 m x 118 m (partially constructed)
  - Manure room – 6 m x 6 m x 2.4 m deep
  - Milk house – 27 m x 27 m (ancillary facility)
- Calf/heifer barn (with attached pens) – 42.7 m x 18.3 m (42.7 m x 10 m)
- Solid manure pad – 18 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 applications RA22003, RA22003A and RA22003B together with the site plans, 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, 5, and 8.

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

**Construction conditions**

**Dairy barn (Partially constructed)**

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), respectively, 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 area meets the required specifications.
2. The permit holder shall not allow livestock or manure in the 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 June 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Calf/heifer barn (with attached pens)

4. The concrete used to construct the liner of the new calf/heifer barn (with attached pens) must meet the specifications for category C (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 meet the required specifications.
5. The permit holder shall not allow livestock or manure in the calf/heifer barn (with attached pens), 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/heifer barn (with attached pens) prior to June 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Solid manure pad

7. The concrete used to construct the liner of the solid manure pad must meet the specifications 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 written confirmation, from a qualified third party, confirming that the concrete used for the manure collection and storage area meets the required specifications.
8. The permit holder shall not allow manure to be placed on the solid manure pad 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.
9. The permit holder shall complete construction of the manure collection and storage portions of the solid manure pad prior to June 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Approval RA22003A is hereby superseded, and its content consolidated into this Approval RA22003B, unless Approval RA22003B is held invalid following a review and decision by the NRCB's board members or by a court, in which case Approval RA22003A will remain in effect.

June 13, 2025

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

## Approval RA22003B – Appendix

### Existing permitted facilities

Facility	Dimensions (m)	From
Two-cell earthen liquid manure storage (EMS)	60 m x 32 m x 5 m deep (each cell)	RA22003A

### Construction conditions (brought forward from Approval RA22003A)

#### EMS

The co-permit holders 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;
- Provide the EMS dimensions, including elevations below and above grade, berm height, and side slopes;
- Certify that the inlet to the EMS is located in the lower quarter of the structure; and
- Certify that the EMS was constructed with the same liner material as that used for hydraulic conductivity testing and was constructed according to the recommended construction procedures in the ParklandGeo Ltd. reports dated April 25 and June 30, 2022.

This document must be provided to the NRCB prior to the inspection referenced in condition 11, or by a later date stated in writing by the NRCB.

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

The co-permit holders shall complete the construction of the EMS prior to June 30, 2025. Upon written request, this deadline may be extended by the NRCB in writing.