



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

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In consideration of Decision Summary RA22022, Registration RA22022 is issued to:

Name: Tim and Connie Knull (the “co-permit holders”)  
Address: RR #2, Millet AB T0C 1Z0  
Contact person: Tim Knull

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

- Dairy barn – 61.0 m x 42.7 m
- Synthetically lined liquid manure storage facility – 65 m x 65 m x 4.5 m

**Ancillary facilities:**

- Milk house – 12.2 m x 12.2 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 RA22022, together with the site plan, building plans, 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 5.

The permit holder is responsible for all costs associated with recording and reporting requirements.

### **Construction conditions**

#### Dairy Barn

1. The concrete used to construct the liner of the 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 co-permit holders shall provide written confirmation 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 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 co-permit holders shall complete construction of the manure collection and storage portions of the dairy barn prior to December 31, 2024. Upon request, this deadline may be extended by the NRCB in writing.

Synthetically lined liquid manure storage facility

4. The co-permit holders shall provide the NRCB with a written construction completion report for the synthetic lined liquid manure storage facility. The report shall be signed by a qualified professional and shall verify:
  - the liner type;
  - the liner thickness;
  - that the synthetic liner was installed in accordance with the liner supplier's requirements;
  - provide seam test results;
  - provide repair details during construction, if any;
  - that the facility is located according to the approved site plan;
  - the facility size, including depths below and above grade;
  - the facility side slopes; and,
  - the proper subgrade preparation.
5. The co-permit holders shall not allow manure in the synthetically lined liquid manure storage facility, 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 co-permit holders shall complete construction of the manure collection and storage portions of the synthetically lined liquid manure storage facility prior to December 31, 2024. Upon request, this deadline may be extended by the NRCB in writing.

This registration becomes effective immediately. The registration conditions will remain in effect unless amended in writing by the NRCB. Knulls' deemed registration is cancelled and superseded by this registration, unless Registration RA22022 is held invalid following a review and decision by the NRCB's board members or by a court, in which case the deemed registration will remain in effect.

February 1, 2023

(Original signed)

Lynn Stone  
Approval Officer



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**Registration RA22022 – Appendix**

**Existing permitted facilities**

<b>Facility</b>	<b>Permit</b>
Tie stall barn (30 m x 10 m)	Deemed Permit
Red shed (40 m x 25 m)	Deemed Permit
White shed (20 m x 10 m)	Deemed Permit
Heifer barn (20 m x 10 m)	Deemed Permit
North pen (40 m x 20 m)	Deemed Permit
Pen (adjacent to white shed) (18 m x 15)	Deemed Permit
Central calf shed and pen area (12 m x 10 m)	Deemed Permit
South calf shed and pen area (31 m x 26 m)	Deemed Permit
Calf hutch area (33 m x 15 m)	Deemed Permit