



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

In consideration of Decision Summary RA21001, Approval RA21001 is issued to:

Name: Adrianus (Arie) and Antonia VandenBroek (the “co-permit holders”)
Address: RR1 Site 5 Box 30 Olds AB T4H 1P2
Contact person: Adrianus (Arie) VandenBroek

Permitted construction (based on the submitted site plan):

- Dairy barn (46 m x 105 m) (with in-barn pit)
- Solid manure storage pad (30 m x 15 m)
- Synthetically lined liquid manure storage facility (32 m in radius at floor, 5.3 m high)

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 contained in the filed application RA21001, together with the site plan, building plans, and other attached documents, unless otherwise noted in the following conditions.

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 #2, 5, and 9.

The co-permit holders are responsible for all costs associated with testing, recording and reporting requirements.

Construction conditions

Dairy Barn (with in-barn pit)

1. The concrete used to construct the liner of the dairy barn (and in-barn pit) 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 documentation, confirming that the concrete used for the manure collection and storage areas meet the required specifications.
2. The co-permit holders shall not allow livestock or manure in the dairy barn, or manure in the pit, until the facilities have been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed 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 (and in-barn pit) prior to December 31, 2023. Upon request, this deadline may be extended by the NRCB in writing.



Solid Manure Storage Pad

4. The concrete used to construct the liner of the solid manure storage pad must meet the specifications 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 documentation, confirming that the concrete used for the manure collection and storage areas meet the required specifications.
5. The co-permit holders shall not allow manure on the solid manure storage pad, until the facility has been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed 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 solid manure storage pad prior to December 31, 2023. Upon request, this deadline may be extended by the NRCB in writing

Synthetically Lined Liquid Manure Storage Facility

7. The co-permit holders shall provide the NRCB with a written construction completion report for the synthetically 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 manufacturer'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.
8. The co-permit holders shall immediately cease construction of the synthetic lined liquid manure storage facility, and contact the NRCB if the water table is observed to be one metre or less from the bottom of the liner of the liquid manure storage facility.
9. The co-permit holders shall not allow manure in the liquid manure storage facility, until the facility has been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed with the terms and conditions of this permit.
10. 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, 2023. Upon request, this deadline may be extended by the NRCB in writing



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

August 12, 2021

(Original Signed)
Lynn Stone
Approval Officer