



Total permitted animal capacity from all permits for this site:

200 milking cows (plus associated dries and replacements)

In consideration of Decision Summary RA20032, Approval RA20032 is issued to:

Name: Hutterian Brethren Church of Starland (the "permit holder")
Address: Box 1720 Drumheller AB T0J 0Y0
Contact person: Henry Stahl

Permitted construction (based on the submitted site plan):

- Dairy barn with attached bull barn and pump room (165.4 m x 43.8 m)
- Dry cow shed (176.8 m x 57.9 m)
- Liquid manure storage facility (synthetically lined) (96 m x 42 m x 4.9 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, 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, 6 and 10.

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

Construction conditions

Dairy barn

1. The concrete used to construct the liner of the dairy barn (and attached bull barn and pump room) 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 permit holder shall provide written documentation, confirming that the concrete used for the manure collection and storage areas meet the required specifications.
2. The permit holder shall not allow livestock or manure in the dairy barn (and attached bull barn), or manure in the pump room, 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 permit holder shall complete construction of the manure collection and storage portions of the dairy barn (and attached bull barn and pump room) prior to December 31, 2023. Upon request, this deadline may be extended by the NRCB in writing.

Dry cow shed

4. The concrete used to construct the liner of the dry cow shed 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 documentation, confirming that the concrete used for the manure collection and storage areas meet the required specifications.
5. The applicant shall construct a secondary containment system (berm) surrounding the dry cow shed. The berm must be high enough that any potential runoff or manure from the shed will be contained before runoff reaches a surface water body.
6. The permit holder shall not allow livestock or manure in the dry cow shed until the shed and secondary containment system have been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed with the terms and conditions of this permit.
7. The permit holder shall complete construction of the manure collection and storage portions of the dry cow shed and the secondary containment system prior to December 31, 2023. Upon request, this deadline may be extended by the NRCB in writing.

Synthetically lined liquid manure storage facility

8. The permit holder 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 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.
9. The permit holder 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.
10. The permit holder shall not place manure in the synthetically lined liquid manures 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.



11. The permit holder 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.

September 21, 2020

(Original Signed)
Lynn Stone
Approval Officer