



Total permitted animal capacity from all permits for this site:

200 milking cows (plus associated dries and replacements)

In consideration of Decision Summary RA20032A, Approval RA20032A 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 57.9m, uncovered portion with naturally occurring protective layer)
- Earthen manure storage (naturally occurring protective layer) (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 applications for Approvals RA20032 and RA20032A, together with the site plan, 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 inspections 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 covered portion of the dry cow shed must meet the specifications for category C (solid manure-wet) in Technical Guideline Agdex 096-96 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas". The permit holder shall provide written documentation, confirming that the concrete used for the covered 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 according to 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.

Earthen liquid manure storage (EMS)

8. The permit holder shall provide the NRCB with a written construction completion report for the new 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 Technical Documents RA20032 and RA20032A
 - Certify that the EMS was constructed according to the recommended construction procedures in the October 29, 2020 Geotechnical Investigation report by Union Street Geotechnical Ltd.
 - Provide the constructed dimensions of the EMS, including elevations below and above grade, berm height, and side slopes.This document must be provided to the NRCB prior to the inspection referenced in condition 10 below, or by a later date stated by the NRCB.
9. The permit holder shall immediately cease construction of the earthen 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 earthen liquid manure storage.
10. The permit holder shall not place manure in the earthen liquid manure storage 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 earthen liquid manure storage 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.

Approval RA20032 is hereby cancelled and is no longer in effect, unless Approval RA20032A is held invalid, in which case the previous permit will remain in effect.

January 20, 2021

(Original Signed)
Lynn Stone
Approval Officer