

Total permitted animal capacity from all permits for this site:

200 milking cows (plus associated dry cows and replacements)
400 sows (farrow to finish)
40,000 laying chickens
20,000 pullet chickens
1,000 ducks
150 geese

In consideration of Decision Summary RA20007, Approval RA20007 is issued to:

Name: Hutterian Brethren Church of Erskine, and Erskine Farming Co. Ltd.
(the "co-permit holders")
Address: Box 46 Erskine AB T0C 1G0
Contact person: Peter M. Hofer

Permitted construction (based on the submitted site plan):

- Layer chicken barn (106.7 m x 30.5 m) includes an attached manure load out

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 applications for this approval, Approval RA04049 and Authorizations RA14005B, RA17049 and RA18031, and the County of Stettler issued municipal development permits F9511 and 9711F, together with the site plans, building plans, engineering reports 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 condition three.

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

Construction conditions

1. Concrete

The concrete used to construct the layer barn, including its attached manure load out, must be sulphate resistant and have a minimum 28-day compressive strength of 25 MPa. The co-permit holders shall provide proof, prepared by a qualified third party, to the NRCB to confirm the specifications of the concrete used in the construction. This proof must be submitted prior to the inspection referenced in condition three, or by a later date stated in writing by the NRCB.

2. Construction completion deadline
The co-permit holders shall complete construction of the manure collection and storage portions of the layer barn and its attached manure load out prior to November 30, 2022. Upon request, this deadline may be extended by the NRCB in writing.
3. Post-construction inspection
The co-permit holders shall not allow livestock or manure in the layer barn, or manure in its attached manure load out, until it has been inspected by NRCB personnel and determined by them, in writing, to have been constructed in accordance with the terms and conditions of this permit.

Operating conditions

4. Leakage detection system
The leakage detection system header pipes are to be checked annually and records of sampling events be kept for five calendar years. These records must be made available to the NRCB upon request.
5. Water quality testing
Water quality tests shall be conducted annually, beginning in 2007 on water wells within 100 m of the confined feeding operation. The annual water well test results shall be submitted to the NRCB no later than February 28 of each year unless otherwise directed in writing by the NRCB.
6. Manure spreading
Liquid manure is not to be spread on NW 36-38-21 W4M, NE 35-38-21 W4M, and SE 1-39-21 W4M.

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

The deemed approval, including the County of Stettler issued municipal development permits F9511 and 9711F, and NRCB issued Approval RA04049 and Authorizations RA14005B, RA17049 and RA18031 are hereby cancelled and are no longer in effect, unless Approval RA20007 is held invalid, in which case the previous permits will remain in effect.

August 26, 2020

(Original Signed)
Jeff Froese
Approval Officer

Approval RA20007 – Appendix

Existing permitted facilities

Facility	Dimensions (m)	Permit
Farrow, grower, weaner barn	21.3 x 85.4	Deemed permit
Existing layer barn	15.2 x 45.7 (11 x 10.5 ancillary attached to barn)	
Pullet barn	12.2 x 45.7	
Duck goose barn	11 x 45.7	
Hog (finisher) barn	13.7 x 112.8	Stettler County permit F9511
Above ground steel liquid manure storage tank (Model 96A, 12019 Slurrystore System)	48.8 dia x 5.8 high	Stettler County permit 97112F
Dairy barn	27.4 x 112.8	Approval RA04049
Above ground steel liquid manure storage tank (large Slurrystore)	70.1 dia x 5.8 high	
Calf barn	45.7 x 21.3	
Sorter hog barn	56.5 x 20.7	
Dry cow cold barn	167.7 x 27.4 (6 m wide ancillary under same roof)	Authorization RA14005B
Dry sow barn (renovation)	14.2 x 77.7	Authorization RA17039
Swine finisher barn (renovation)	126.1 x 15.4	Authorization RA18031

Construction conditions (brought forward from old permits)

From Stettler County issued permit 9511F (370' x 44' hog barn)
Obtaining Certificate of Compliance by Alberta Agriculture

From Stettler County issued permit 97112F
Model 96A, 12019 Slurrystore System to be certified by Unified Livestock Systems, Box 390, Bowden, AB T0M 0K0, November 13, 1997

From Approval RA04049

- 1a The concrete used to construct the above ground steel liquid manure storage tanks floor must have a minimum 56-day strength of 32 MPa, provide type 50 cement or equivalent sulphate protection and have a maximum water to cement ratio of 0.45. A copy of the concrete supplier's invoice must be provided to the NRCB prior to manure entering the new tank, to confirm the concrete specifications.

- 1b The concrete used to construct the sorter finisher hog barn manure pit floor and manure pit walls must have a minimum 56-day strength of 32 MPa, provide type 50 cement or equivalent sulphate protection and have a maximum water to cement ratio of 0.45. A copy of the concrete supplier's invoice must be provided to the NRCB prior to animals or manure entering the new sorter finisher hog barn, to confirm the concrete specifications.

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- 2a The leakage detection system as proposed must be installed for the new above ground liquid manure storage tank.
 - 3a Construction of manure storage facilities and manure collection areas must be completed by December 30, 2008, unless otherwise agreed upon by the NRCB. **Note: the construction completion deadline was extended to November 30, 2010.**
 - 4a The manure storage portion of the new dairy barn, the new calf barn, the new sorter finisher hog barn and the above ground liquid manure storage must be inspected by NRCB personnel prior to animals or manure being placed in the new barns and manure being placed in the new above ground liquid manure storage.
 - 4b The applicant must provide the Approval Officer a minimum of 10 working days notice prior to each of the applicant's desired completion inspections.

From Authorization RA14005B

- 1 The concrete used to construct the manure storage and collection system in the dry cow cold barn must have a minimum 56-day strength of 30 MPa and be sulphate resistant. The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.
- 2 The permit holder shall complete construction of the manure collection and storage portions of the dry cow cold barn prior to June 30, 2018. Upon request, this deadline may be extended by the NRCB in writing.
- 3 The permit holder shall not place livestock or manure in the dry cow cold barn until the NRCB has inspected it and stated in writing that the dry cow cold barn has been constructed in accordance with this authorization.
- 4 Decommissioning: The permit holder shall remove the old dairy corrals in accordance with the requirements of Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas", for type 3, Solid Manure Storage, except requirement four of six; "establish vegetation in the area of the closed storage facility to remove excess nutrients and prevent soil erosion".
- 5 Decommissioning: The permit holder shall provide written confirmation of the dairy corral removal, as per condition 4 above, within one year of the NRCB's construction completion determination under condition 3 above. Upon request, this deadline may be extended by the NRCB in writing.

From Authorization RA17049

- 1 Construction above water table; The permit holder shall immediately cease construction work related to the renovation of the dry sow barn and contact the NRCB if the water table is observed to be one metre or less from the bottom of the barn's manure storage liner.

- 2 The concrete used to construct the renovated portions of the manure storage system in the renovated portion of the dry sow barn must be sulphate resistant and have a minimum 56-day strength of 32 MPa. The permit holder shall provide proof (prepared by a qualified third party) to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.
- 3 The permit holder shall complete construction related to the renovation to the manure collection and storage portions of the dry sow barn prior to November 1, 2018. Upon request, this deadline may be extended by the NRCB in writing.
- 4 The permit holder shall not place livestock or manure in the dry sow barn until the NRCB has inspected it and stated in writing that it has been constructed in accordance with this authorization.

From Authorization R18031

- 1 The permit holder shall immediately cease construction work related to the renovation of the swine finisher barn and contact the NRCB if the water table is observed to be one metre or less from the bottom of the barn's manure storage liner.
- 2 The concrete used to construct the liner of the pits must meet the specification for category B (liquid manure – shallow pits) in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas." The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 4 below, or by a later date stated by the NRCB.
- 3 The permit holder shall complete construction related to the renovation to the manure collection and storage portions of the swine finisher barn prior to November 30, 2019. Upon request, this deadline may be extended by the NRCB in writing.
- 4 The permit holder shall not place livestock or manure in the swine finisher barn until the NRCB has inspected it and stated in writing that it has been constructed in accordance with this authorization.