



Total permitted animal capacity from all permits for this site:

20,000 layers
20,000 turkey toms/breeders
10,000 pullets
1,000 ducks
6,000 broilers
1,500 sheep ewes/rams
500 geese
500 swine farrow to finish
200 beef finishers
200 milking cows (plus replacements and dries)

In consideration of Decision Summary FA22001, Approval FA22001 is issued to:

Name: Homeland Hutterian Brethren, and Homeland Colony Farming Co. Ltd.
(the "co-permit holders")
Address: Box 728, Falher AB T0H 1M0
Contact person: Simeon Wipf

Permitted construction (based on the submitted site plan):

- mixed poultry barn – 27 m x 21 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 FA22001 and FA09003A together with the site plans, building plans, and other attached documents, unless otherwise noted in the following conditions.

Construction conditions

1. Construction completion deadline
The permit holder shall complete construction of the mixed poultry barn prior to December 1, 2024. Upon request, this deadline may be extended by the NRCB in writing.
2. Concrete
The concrete used to construct the manure collection and storage liner of the mixed poultry barn must meet the specifications for category D (solid manure dry), in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas." The permit holder shall provide documentation to the NRCB confirming the specifications of the concrete used. 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. Post construction inspection (prior to populating facility)
The permit holder shall not place manure or livestock in the mixed poultry barn until the NRCB has inspected the facility and stated in writing that it has been constructed in accordance with this approval.



Operating Conditions (brought forward from Approval FA09003A)

17. Manure Application

All liquid manure must be applied to land using direct injection unless otherwise specified in writing by the NRCB.

This Approval becomes effective immediately. The Approval conditions will remain in effect unless amended in writing by the NRCB. Approval FA09003A is hereby superseded, and its content consolidated into this Approval FA22001, unless Approval FA22001 is held invalid following a review and decision by the NRCB's board members or by a court, in which case Approval FA09003A will remain in effect.

September 28, 2022

(Original signed)

Nathan Shirley
Approval Officer



Approval FA22001 – Appendix

Permitted facilities

Facility	Dimensions (m)	From Permit
Beef feedlot pens	121.9 x 24.4	FA09003A
Beef feedlot shelter	121.9 x 15.2	FA09003A
Dairy EMS	76.2 x 45.7 x 4.6	FA09003A
Dairy barn	100.6 x 32.0	FA09003A
Swine barn	131.7 x 38.8	FA09003A
Sheep barn	30.5 x 30.5	FA09003A
Sheep pens	30.5 x 30.5	FA09003A
Two stage swine lagoon	30.5 x 51.9 x 6.0 & 73.2 x 51.9 x 6.9	FA09003A
Solid manure storage pad	18.3 x 18.3	FA09003A
Layer barn with attached solid manure storage	75.6 m x 16.5 m and 15.2 m x 16.2 m x 2.0 m	FA09003A
Pullet barn with solid manure storage	68.3 m x 18.3 m and 11.3 m x 14 m	FA09003A
Two turkey finisher barns	112.8 m x 21.4 m	FA09003A
Turkey brooder barn	61 m x 21.4 m	FA09003A

Construction conditions (brought forward from FA09003A)

8. Completion Report – Swine Barn

A completion report confirming the swine barn floor and manure storage pit liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock entering the swine barn. The completion report must include:

- Verification that the swine barn is located according to the site plan provided.
- Verification of the barn size, including depths below and above grade.
- Verification of the barn floor and manure pit depth below grade, concrete thickness, concrete compressive strength, cement type, reinforcing size, pattern and spacing.
- Verification of materials used to seal joints, piping and perforations in the manure pit liner.

9. Inspection

The manure collection and storage portion of the swine barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.

10. Completion Report – Sheep Barn

A completion report confirming the sheep barn liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock or manure entering the barn. The completion report must include:

- Verification that the sheep barn is located according to the site plan provided.
- Verification of the sheep barn size, including depths below and above grade.



- Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the barn floor.
- Verification that the barn was constructed according to submitted drawings.

11. Inspection

The sheep barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.

12. Completion Report – Solid Manure Storage Pad

A completion report confirming the solid manure storage pad liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to manure entering the storage pad. The completion report must include:

- Verification that the storage pad is located according to the site plan provided.
- Verification of the storage pad size, including depths below and above grade.
- Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the walls and floor of the pad.
- Verification that the solid manure storage pad was constructed according to submitted drawings.

13. Inspections – Solid Manure Storage Pad and Sheep Pens

- a. The solid manure storage pad must be inspected by NRCB personnel prior to manure being placed in the new storage.
- b. The sheep pens must be inspected by NRCB personnel prior to animals or manure being placed in the new pens.

14. Completion Report – Swine EMS

A completion report confirming the swine EMS liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB prior to manure entering the EMS. The completion report must include:

- Verification that the EMS is located according to the site plan provided.
- Verification of the distance from the water table to the bottom of the EMS liner material at the time of construction.
- Verification of the EMS size, including depths below and above grade.
- Density test results of the EMS liner.
- Verification of the EMS liner thickness and side slopes.
- Verification that the liner material used is the same material that was submitted for hydraulic conductivity testing.

15. Inspection

The swine EMS must be inspected by NRCB personnel prior to animals or manure being placed in the new barn and manure being placed in the new swine EMS.

16. Construction Completion

Construction of the manure collection and storage portions of the CFO facilities must be completed prior to December 31, 2020 unless otherwise agreed upon by the NRCB.



Constructed Facilities Permitted Under Approval FA09003A

Completion Report – Layer Barn

- a. A completion report confirming the layer barn liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock or manure entering the barn. The completion report must include:
 - Verification that the layer barn is located according to the site plan provided.
 - Verification of the layer barn size, including depths below and above grade.
 - Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the barn floor and manure storage walls and floor.
 - Verification that the barn was constructed according to submitted drawings.

Inspection

- a. The layer barn must be inspected by NRCB personnel prior to animals or manure being placed in

Completion Report – Pullet Barn

- a. A completion report confirming the pullet barn liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock or manure entering the barn. The completion report must include:
 - Verification that the pullet barn is located according to the site plan provided.
 - Verification of the pullet barn size, including depths below and above grade.
 - Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the barn floor and manure storage walls and floor.
 - Verification that the barn was constructed according to submitted drawings.

Inspection

- a. The pullet barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn. 9.

Completion Report – Turkey Finish Barns

- a. A completion report confirming the turkey finish barn liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock or manure entering the barns. The completion report must include:
 - Verification that the turkey finish barns are located according to the site plan provided.
 - Verification of the turkey finish barn size, including depths below and above grade.
 - Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the barn floor.
 - Verification that the barns were constructed according to submitted drawings.

Inspections

- a. The turkey finish barns must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.



Completion Report – Turkey Brooder Barn

- a. A completion report confirming the turkey brooder barn liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock or manure entering the barn. The completion report must include:
 - Verification that the turkey brooder barn is located according to the site plan provided.
 - Verification of the turkey brooder barn size, including depths below and above grade.
 - Verification of the type, thickness and compressive strength of the concrete and the size, spacing and pattern of rebar used to construct the barn floor.
 - Verification that the barn was constructed according to submitted drawings.

Inspection

- a. The turkey brooder barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.

Dairy EMS

1. Completion Report

The permit holder shall provide the NRCB with a written construction completion report for the earthen liquid manure storage (EMS). The report shall be stamped and signed by a qualified third party, and shall:

- Certify that the EMS was constructed at the location specified in the site plan provided with the application;
- Provide the constructed EMS dimensions, including elevations below and above grade, berm height, and side slopes;
- Provide the vertical distance from the water table to the top of the EMS liner material at the time of construction;

2. Inspection

The permit holder shall not place manure in the earthen liquid manure storage (EMS), until the EMS 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.

Beef Feedlot Pens

3. Concrete

The concrete used to construct the manure storage and collection system in the barn must have a minimum 56-day strength of 30 MPa and a maximum water to cement ratio of 0.50. The permit holder shall provide a copy of the concrete supplier's invoice or other 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.

4. Inspection

The permit holder shall not allow livestock in the beef feedlot pens until the facility 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.



Beef Feedlot Shelter

5. Inspection

The permit holder shall not allow livestock in the manure storage portions of the beef feedlot shelter until the facility 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.

6. Completion Report – Dairy Barn

A completion report confirming the dairy barn scraper alleys and manure storage pit liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to livestock entering the dairy barn. The completion report must include:

- Verification that the dairy barn is located according to the site plan provided.
- Verification of the barn size, including depths below and above grade.
- Verification of the manure pit and scraper alley depth below grade, concrete thickness, concrete compressive strength, cement type, reinforcing size, pattern and spacing.
- Verification of materials used to seal joints, piping and perforations in the manure pit liner.

7. Inspection

The manure collection and storage portion of the dairy barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.