



Total permitted animal capacity from all permits for this site:

450 sows farrow to finish
15,000 layer chickens (plus associated pullets)
2,000 broiler chickens
1,100 ducks
300 geese
10 dairy cattle

In consideration of Decision Summary FA21001, Approval FA21001 is issued to:

Name: Hutterian Brethren Church of Grandview (the “permit holder”)
GV Colony Farming Co. Ltd. (co-permit holder)
Address: 723042 Rge Rd 74, Grande Prairie AB T8X 4L1
Contact person: Jonty Hofer

Permitted construction (based on the submitted site plan):

- Chicken layer barn – 105 m x 25 m

Ancillary structure

- Egg grading room – 25 m x 25 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, Approval FA02002B, Authorization FA14004, and Authorization FA18002 together with the site plans, 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 inspection in condition three.

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

Construction conditions

Chicken layer barn

1. Construction completion deadline

The permit holder shall complete construction of the new barn prior to December 1, 2023. 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 new 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 written proof 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 inspections (prior to populating facilities)
The permit holder shall not place livestock or manure in the new barn until the NRCB has inspected the facility and stated in writing that it has been constructed in accordance with this approval.

Operating conditions (Carried forward from Approval FA02002B)

4. Groundwater Monitoring

- a) All existing monitoring wells are to be maintained.
- b) The monitoring wells and the water well closest to the hog barn are to be tested and the results reported to the NRCB on an annual basis until such time as the NRCB adjusts the monitoring frequency.
- c) The parameters to be tested include pH, electrical conductivity, total dissolved solids, sodium absorption ratio, dissolved organic carbon, nitrate, ammonium, chloride, calcium, magnesium, sodium, potassium, and sulphate.

5. Nutrient Management

- a) Manure application of liquid manure will be by subsurface injection. This will start in 2004 as outlined in the application.

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

Approval FA02002B, Authorization FA14004, and Authorization FA18002 are hereby cancelled and are no longer in effect, unless Approval FA21001 is held invalid, in which case the previous permits will remain in effect.

May 19, 2021

(Original signed)

Nathan Shirley
Approval Officer



Approval FA21001 – Appendix

Existing permitted facilities

Deemed permit	<ul style="list-style-type: none"> • Hog farrowing and weaner barn – (88.4 m x 12.8 m) • Hog dry sow, feeder and finisher barn – (54.9 m x 25 m, 84.1 m x 25 m) • Gilt barn – (11.6 m x 41.1 m) • Layer barn – (45.1 m x 9.1 m) • Broiler and Pullet barn – (48.8 m x 8.5 m) • Dairy barn – (25.9 m x 9.1 m) • Duck and goose barn – (18.3 m x 9.1 m) • 2 duck and goose shelters – (6.1 m x 18.3 m and 6.1 m x 12.2 m) • Earthen Liquid manure storage – (76.2 m x 61 m x 4.3 m)
Approval FA02002B	<ul style="list-style-type: none"> • Solid manure storage pad – (48 m x 75 m) • Addition to the hog barn – (21 m x 15 m)
Authorization FA14004	<ul style="list-style-type: none"> • Addition to the duck and goose barn – (9.1 m x 9.1 m)
Authorization FA18002	<ul style="list-style-type: none"> • Dry sow barn – (57.9 m x 12.8 m x 0.6 m deep) with two 1.2 m deep end pits • Modification of portion of existing swine barn – (27.7 m x 12.6 m x 0.6 m deep)

Construction conditions (That have been met)

Approval FA02002A

2) Solid manure storage

- a) The solid manure storage is to be constructed to have a 9 month storage capacity of at least 15347 ft³ (434.6 m³).
- b) The solid manure storage is to be sloped and bermed as necessary to direct runoff from the solid manure storage into the liquid manure storage and to prevent run-on from entering the solid manure storage.

3) Liquid manure storage

- a) The liquid manure storage must be bottom loaded. The piping and any other equipment must be installed before the soil freezes in the fall of 2002.
- b) The integrity of the storage liner must be restored following the installation of the bottom loading equipment to prevent seepage.
- c) Erosion protection must be installed around all filling, pumping and agitation points.



- d) The outside wall and the freeboard of the inside wall of the earthen manure storage must be seeded with vegetation that prevent erosion.
- e) Access control plans for the liquid manure storage must be provided to and approved by the NRCB prior to construction commencing.
- f) Access control must be installed in accordance with approved plans.
- g) A marker indicating the 0.75 m freeboard level indicated in the application must be installed.

6) Construction completion

- a) The construction allowed under this Approval must be completed by May 30, 2003

Authorization FA14004

1) Construction completion deadlines

The permit holder shall complete construction of the manure collection and storage portions of the duck and goose barn addition before November 30, 2018. Upon request, this deadline may be extended by the NRCB in writing.

2) Post-Construction Inspection

The permit holder shall not place animals or manure in the manure storage portion of the duck and goose barn addition, until the barn has been inspected by NRCB personnel and determined by them, in writing, to have been constructed in accordance with the terms and condition of this permit.

3) Decommissioning of Broiler Barn

Within one year of completing construction of the addition to the duck and goose barn, the permit holder shall decommission the manure storage portion of the broiler barn according to Technical Guide Agdex 096-90 and therefore not place manure or livestock in it.

Authorization FA18002

Dry sow barn

1. Construction completion deadlines

The permit holder shall complete construction of the new dry sow barn prior to December 1, 2021. This deadline may be extended by the NRCB, upon receipt of a written request.

2. Concrete

The concrete used to construct the manure storage and collection system in the dry sow barn 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 written documentation that the concrete and seals used for manure collection and storage areas meet the required specification.

3. Post construction inspections (prior to populating facility)

The permit holder shall not allow livestock or manure in the dry sow barn until the facility has been inspected by NRCB personnel and determined by them, in writing, to have been constructed in accordance with terms and conditions of this permit.



Gestation portion of existing barn

4. Construction completion deadlines

The permit holder shall complete the modification of the under floor manure storage pits in the gestation portion of the existing swine barn prior to December 1, 2022. This deadline may be extended by the NRCB, upon receipt of a written request.

5. Concrete

The concrete used to construct the manure storage and collection system in the gestation portion of the existing swine barn 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 written documentation that the concrete and seals used for manure collection and storage areas meet the required specification.

6. Post construction inspections (prior to populating facility)

The permit holder shall not allow livestock or manure in the gestation portion of the existing swine barn until the facility has been inspected by NRCB personnel and determined by them, in writing, to have been constructed in accordance with terms and conditions of this permit.