



Total permitted animal capacity from all permits for this site:

90 milking cows (plus associated dries and replacements)
300 swine farrow to finish
10,000 chicken layers
400 ducks
400 geese
3,000 chicken broilers
500 turkeys

In consideration of Decision Summary LA2011XA, Approval LA21011XA is issued to:

Name: Hutterian Brethren Church of the Little Bow (the “permit holder”)
Address: Box 1587, Vulcan AB T0L 2B0
Contact person: Darius Hofer and Sam Hofer

Permitted construction (based on the submitted site plan):

- New chicken layer barn modified dimensions (36.3 m x 18.0 m) with attached solid manure storage (10.6 m x 10.6 m)
- Existing poultry barn extension dimensions (36.6 m x 9.8 m) with attached solid manure storage (6.1 m x 6.1 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 LA21011 and LA21011XA together with the site plans, 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 #3 and #6.

The permit holder is responsible for all costs associated with monitoring, sampling, testing, recording, and reporting requirements (this includes post construction reports).

Construction conditions (layer barn with attached manure storage)

1. The permit holder shall complete construction of the manure collection and storage portion of the layer barn with attached manure storage prior to November 30, 2027. Upon request in writing, this deadline may be extended by the NRCB.
2. The concrete used to construct the manure storage and collection system in the layer barn with attached manure storage is to be sulfate resistant and to have a minimum 28-day strength of 25 MPa and a maximum water to cement ratio of 0.55 (*Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas*). The permit holder shall provide the NRCB with documentation that the concrete used for the manure collection and storage area meets the required specifications. This document should be provided prior to the inspection cited in condition #3.



3. The permit holder shall not place manure or livestock in the layer barn with attached manure storage until the facility has been inspected by the NRCB and determined (in writing) to have been constructed in accordance with the terms and conditions of this permit.

Construction conditions (poultry barn extension with attached manure storage)

4. The permit holder shall complete construction of the manure collection and storage portion of the poultry barn extension with attached manure storage prior to November 30, 2027. Upon request in writing, this deadline may be extended by the NRCB.
5. The concrete used to construct the manure storage and collection system in the poultry barn extension with attached manure storage is to be sulfate resistant and to have a minimum 28-day strength of 25 MPa and a maximum water to cement ratio of 0.55 (*Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas"*). The permit holder shall provide the NRCB with documentation that the concrete used for the manure collection and storage area meets the required specifications. This document should be provided prior to the inspection cited in condition #6.
6. The permit holder shall not place manure or livestock in the poultry barn extension with attached manure storage until the facility has been inspected by the NRCB and determined (in writing) to have been constructed in accordance with the terms and conditions of this permit.

Operating conditions carried forward from development permit #98-062 (as modified)

7. Liquid manure must be land applied via direct injection.
8. The permit holder shall visually inspect the slurry tank sump annually. If any liquid is observed in the slurry tank sump, the permit holder shall collect a sample and send the liquid for analysis following the parameters outlined in LA21011XA Leak Detection Monitoring Statement. The NRCB may, based on the monitoring results and at its discretion, revise those requirements from time to time, in writing.
9. Unless otherwise stated in writing by the NRCB, the permit holder shall maintain pressure gauges on all effluent lines leading from the hog barn to the slurry tank. The pressure gauges shall be monitored, and a reading recorded weekly. The NRCB shall be notified immediately if the pressure in the line drops below 5 psi or if a leak is detected by any other means. The records shall be kept up to date and presented to the Natural Resources Conservation Board upon request.

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



Approval LA21011X is hereby superseded and is no longer in effect, unless Approval LA21011XA is held invalid, in which case the previous permits will remain in effect.

February 6, 2024

(Original signed)
Cailyn Wilson
Approval Officer



Approval LA21011XA – Appendix

Existing permitted facilities (deemed permit)

- Dairy barn – 54 m x 18 m
- Calf barn – 24 m x 20 m
- Broiler barn – 29 m x 20 m
- Poultry (layer) barn – 32 m x 9 m
- Solid manure storage – 5 m x 5 m (to be decommissioned)
- Turkey shelter – 21 m x 5 m
- Duck and goose shelter – 36 m x 5 m
- Layer barn – 32 m x 9 m
- Hog barn – 154 m x 28 m
- Liquid manure storage tank – 6 m tall x 21 m radius
- Slurry tank overflow manure storage – 83 m x 67 m x 6 m deep
- Dairy catch basin – 14 m x 15 m x 3 m deep

Construction conditions (brought forward from Development Permit #98-062)

- the meeting of any applicable requirements of the Alberta Environmental Protection Act
- a freezer unit shall be installed adjacent to the Agriculture Industry Buildings in which animals will be retained until pickup
- lining of the containment dugout and underneath the slurry store with a chemically and physically inert material
- any road construction is the responsibility of the developer and shall be built of county specifications with the maintenance of said road being assumed by Vulcan County as per county policy.