



**Total permitted animal capacity from all permits for this site:**

175 milking cows (plus associated dries and replacements)  
80 beef feeders  
450 swine farrow to finish  
21,000 chicken layers  
21,000 chicken pullets  
1,000 chicken broilers  
600 ducks

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In consideration of Decision Summary LA18026 and LA18026A, Approval LA18026A is issued to:

Name: Hutterian Brethren of Plainview (the "permit holder")  
Address: Box 240, Warner, AB T0K 2L0  
Contact person: Tim Waldner

**Permitted construction** (based on the submitted site plan):

- Dairy corrals (45.7 m x 213.4 m)
- Use of existing low area as a catch basin (150 m x 90 m x 1 m deep)

**Construction already completed**

- Dairy barn (51.2 m x 106.7 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 application for amendment LA18026A, NRCB issued Approvals LA18026, LA11001, and LA02018, and Authorizations LA03026 and LA04037 together with the site plan, building plans, operating plan, 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 conditions #2.

The permit holder is responsible for all costs associated with testing and reporting requirements.

**Construction conditions**

Dairy corrals

1. The permit holder shall complete construction of the manure collection and storage portions of the dairy corrals prior to November 30, 2021. Upon request, this deadline may be extended by the NRCB in writing.



2. The permit holder shall not allow livestock in the dairy corrals 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.

**Operating conditions (carried forward from Approval LA18026)**

3. Manure application
  - a. Solid manure must be incorporated within 48 hours of surface application.
  - b. Manure must not be spread on frozen or snow covered ground.

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

Plainview Colony's Approvals LA18026, is hereby cancelled and is no longer in effect, unless LA18026A is held invalid, in which case the previous permit will remain in effect.

April 9, 2021

(original signed)  
Joe Sonnenberg  
Approval Officer



**LA18026A – Appendix**

**Existing permitted facilities**

Approval LA18026	<ul style="list-style-type: none"> <li>• Dairy barn (51.2 m x 106.7 m)</li> </ul>
Approval LA11001	<ul style="list-style-type: none"> <li>• Chicken layer barn – 91 m x 15 m</li> <li>• Pullet barn – 79.3 m x 12.2 m</li> </ul>
Authorization LA04037	<ul style="list-style-type: none"> <li>• Liquid manure storage sump – 4.9 m x 3.7 m x 2.4 m</li> <li>• Underground pipeline – 408.3 m x 250 mm</li> </ul>
Authorization LA03027	<ul style="list-style-type: none"> <li>• Hog quarantine barn – 18.3 m x 9.1 m</li> </ul>
Approval LA02018	<ul style="list-style-type: none"> <li>• Hog feeder barn - 85.3 m x 38.4 m</li> <li>• Hog weaner barn - 54.9 m x 12.2 m</li> <li>• Solid separator building/ tank - 16.2 m x 10.1 m</li> <li>• Earthen liquid manure storage – 150 m x 100 m x 7.6 m deep</li> </ul>
Deemed	<ul style="list-style-type: none"> <li>• Sow barn - 61.0 m x 12.2 m</li> <li>• Dairy barn - 76.2 m x 30.5 m</li> <li>• Heifer barn - 27.4 m x 12.2 m</li> <li>• Dairy pens - 88.4 m x 91.4 m</li> <li>• Duck/ broiler barn - 18.3 m x 6.1 m</li> <li>• Duck pens - 21.9 m x 9.8 m</li> <li>• Feedlot - 121.9 m x 76.2 m</li> <li>• Concrete liquid manure storage - 36.6 m x 10.1 m x 3.7 m deep</li> </ul>

**Construction conditions** (brought forward from Approval LA18026)

Dairy barn

1. The permit holder shall complete construction of the manure collection and storage portions of the dairy barn prior to November 30, 2021. Upon request, this deadline may be extended by the NRCB in writing.
2. The concrete used to construct the manure storage and collection portions of the barn must have a minimum 56-day strength of 30 MPa and a maximum water to cement ratio of 0.45. 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 #3 below, or by a later date stated by the NRCB.
3. The permit holder shall not allow livestock in the dairy barn 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.

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**Construction conditions** (brought forward from Approval LA11001)

1. Completion Reports

- a. The concrete used to construct the manure storage in the new chicken layer barn must have a minimum 56-day strength of 30 MPa. Written verification must be provided to the NRCB that the concrete specifications and reinforcement meet “Technical Guideline 2004-02: Concrete Manure Liner Guidelines” before animals or manure enters the new layer barn.
- b. Any new concrete used to construct the manure storage and collection system in the renovated chicken pullet barn must have a minimum 56-day strength of 30 MPa. Written verification that the concrete specifications and reinforcements meet “Technical Guideline 2004-02: Concrete Manure Liner Guidelines” must be supplied to the NRCB before animals or manure enters any areas of the renovated barn.

2. Construction Completion

- a. Construction of the manure collection and storage portions of the new chicken layer barn must be completed prior to February 20, 2014 unless otherwise agreed upon in writing by the NRCB.
- b. Construction of the manure collection and storage portions of the renovated chicken pullet barn must be completed prior to February 20, 2014 unless otherwise agreed upon in writing by the NRCB.

3. Inspections

- a. The manure storage portion of the chicken layer barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.
- b. The manure storage portion of the renovated chicken pullet barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.

**Construction conditions** (brought forward from Authorization LA04037)

1. Completion Reports

- a. The applicant must provide a completion report signed by a professional engineer verifying the concrete manure storage sump and associated pipeline was constructed according to the submitted plans and construction conditions.

2. Concrete Manure Storage - Floors and Gutters

- a. The concrete manure storage and associated pipeline must be constructed according to the submitted plans.



- b. The concrete used to construct the manure storage sump must have a minimum 28-day strength of 30 MPa.
  - c. All joints in the floors and walls of the manure storage are to be sealed so as to be considered 'watertight'.
3. Construction Completion
- a. Construction must be completed by November 30, 2007.
4. Inspections
- a. The concrete liquid manure storage must be inspected by NRCB personnel prior to manure being placed in the new liquid manure storage.
  - b. The applicant must provide the Approval Officer a minimum of 10 working days' notice prior to the applicant's desired completion inspection.

**Construction conditions** (brought forward from Authorization LA03026)

1. Concrete manure storage (Quarantine barn)
- a. The concrete manure storage in the barn is to be constructed and maintained in such a manner so as to be considered manure tight.
    - i. All concrete joints in the manure storage are to be sealed to prevent manure leakage.
    - ii. The concrete used in the floor of the manure storage is to have a maximum water/cement ration of 0.45. Proper curing is required to achieve a typical minimum 56-day compressive strength of 32 MPa.
    - iii. Rebar is to be installed in order to control cracking.
  - b. A professional engineer is to provide a copy of the final "as-built" set of engineered drawings for the concrete manure storage to the NRCB, signed and sealed by the professional engineer prior to use of the quarantine barn.
2. Inspections
- a. The quarantine barn concrete floor and pits must be inspected by the NRCB upon completion and prior to use.

**Construction conditions** (brought forward from Approval LA02018)

1. Concrete Manure Storages (Liquid Manure Processing Pit and Barns)
- a. The concrete manure storages are to be constructed and maintained in such a manner so as to be considered manure tight.

- b. The concrete used in the floor and walls of the concrete manure storages is to be a minimum of 32 MPa (water/cement ratio of 0.45).
- c. Waterstops or caulking compounds are to be used to seal the concrete joints.
- d. A professional engineer is to provide a final "as-built" set of engineered drawings for the concrete manure storages to the NRCB, signed and sealed by the professional engineer.
- e. A professional engineer is to provide a certificate of completion to the NRCB for the concrete manure storages prior to their use.
- f. An all-weather gravel road is to be constructed to provide access to the Liquid manure Processing Pit and the new swine barns.

## 2. Liquid Manure Storages – Earthen Manure Storage

- a. The Earthen Manure Storage (EMS) is to be constructed with a minimum of a 1.0 metre thick compacted earthen liner on the bottom and sides and will be compacted to the density specified in the engineering report.
- a. The EMS is to have a minimum of a 0.5 metre embankment above the surrounding ground level.
- b. The outside slope of the EMS is to be constructed with a 4:1 horizontal to vertical side slope.
- c. The outside slope of the EMS is to be seeded to grass and kept in a mowed condition.
- d. The inlet pipe is to be installed in the bottom quarter of the EMS.
- e. The liner around the piping inlet is to be compacted to the same density as the rest of the liner.
- f. A professional engineer is to provide a final "as-built" set of engineered drawings for the EMS to the NRCB, signed and sealed by the professional engineer.
- g. A professional engineer is to provide a certificate of completion to the NRCB for the EMS prior to its use.
- h. The old EMS is to be properly reclaimed prior to construction of the new Finishing barn with certification by a professional engineer.
- i. An all-weather gravel road is to be constructed to provide access to the EMS.

3. Separator and Aeration Equipment

- a. Aeration equipment is to be monitored with its own electrical meter.
- b. The cumulative kWh used by the aeration equipment is to be recorded on a weekly basis.
- c. Aeration equipment is to be maintained in good working condition.

4. Liquid Manure Storages (EMS) – Safety and Monitoring

- a. A fence suitable to make the EMS secure from unauthorized access is to be installed around the perimeter of the proposed EMS prior to its use.
- b. A minimum of one warning sign is to be placed at each entrance and on each side of the perimeter fence.
- c. Safety signs are to be placed on each side of the EMS prior to its use.
- d. A permanent marker indicating the freeboard level is to be installed prior to its use.

5. Inspections

- a. The concrete manure storages are to be inspected by the NRCB upon completion and prior to its use.
- b. The EMS is to be inspected by the NRCB upon completion and prior to its use.