



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

100 dairy cows (plus associated dries and replacements)  
600 sows (farrow to finish)  
2,600 beef finishers  
2,000 beef feeders  
1,000 ewes (with lambs)  
15,000 chicken layers  
15,000 chicken pullets  
6,000 chicken broilers  
800 ducks  
250 geese  
300 turkeys

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In consideration of Decision Summary LA21038, Approval LA21038 is issued to:

Name: Hutterian Brethren of Springpoint (the "permit holder")  
Address: Box 249, Pincher Creek AB T0K 1W0  
Contact person: George Walter

**Permitted construction** (based on the submitted site plan with application LA21038):

- Chicken layer barn – 61.0 m x 21.3 m
- Manure storage (attached to layer barn) – 18.3 m x 14.6 m

**Permitted construction (carried forward from Approval LA18062):**

- New feedlot (243.8 metres x 487.7 metres)
- Catch basin (79 metres x 49 metres x 4 metres deep)

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 applications LA21038, LA18062, 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 conditions three and six.

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

**Construction conditions** (chicken layer barn and attached manure storage)

Concrete

1. The concrete used to construct the manure storage and collection system in the chicken layer barn and the attached manure storage meet the specification 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 proof, from 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.

**Construction completion deadline**

2. The permit holder shall complete construction of the manure collection and storage portions of the new chicken layer barn and its attached manure storage prior to December 31, 2024. Upon request, this deadline may be extended by the NRCB in writing.

**Post construction inspection**

3. The permit holder shall not place livestock or manure in the new chicken layer barn or its attached manure storage until the NRCB has inspected the facility and stated in writing that the facilities have been constructed in accordance with this approval.

**Construction conditions** (brought forward from LA18062)

**Feedlot pens and catch basin**

4. The permit holder shall provide a post construction report, prepared by a qualified third party, confirming that the dimensions of the feedlot pens and the catch basin are as permitted in this permit

**Construction deadline**

5. The permit holder shall complete construction of the new feedlot pens and catch basin prior to December 20, 2021. Upon request, this deadline may be extended by the NRCB in writing.

**Post construction inspection**

6. The permit holder shall not place manure or animals in the new feedlot pens or allow manure contaminated runoff to enter the catch basin until the facilities have 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**

**Leak detection monitoring** (conditions brought forward from LA18062)

7. Earthen Manure Storage (EMS) Leakage Detection System Reporting
  - a. Leakage detection well results must be submitted to the NRCB in report format until such time as the NRCB adjusts the monitoring frequency, test parameters and/or report contents. All reports (comprehensive and/or indicator) must include, but will not be limited to:
    - Background information – site description, soil logs, diagrams
    - Water level elevations
    - Elevation of liquid manure in the liquid manure storage at the time of water sampling
    - Dates when the liquid manure storage was emptied
    - Inspection of the surface well casing for its integrity
    - Explanation of the water sampling collection technique
    - Field and laboratory work



- Discussion and explanation of the results including a trend analysis
  - Recommendations
- b. A Comprehensive report must be done at the time of liquid hog manure storage construction completion and 6 months after liquid hog manure storage construction completion. The Comprehensive report must include laboratory analysis of the following parameters:
- PH, Total Dissolved Solids, Electrical Conductivity
  - Major Ions: Calcium, Magnesium, Sodium, Potassium, Bicarbonate, Sulfate, Chloride
  - Nitrogen Species: Nitrite and Nitrate Nitrogen, Total Kjeldahl Nitrogen
  - Orthophosphate (Total Dissolved Phosphate), DOC
- c. An Indicator report must be done 12 months after construction completion of the liquid hog manure storage and every 12 months thereafter. An indicator report on the existing liquid earthen dairy manure storage must be done at the same time as an indicator report on the liquid hog manure storage. The Indicators report must include laboratory analysis of the following parameters:
- Electrical Conductivity, Chloride
  - Potassium, Total Dissolved Phosphorus (Orthophosphates)
  - Nitrogen Species: Nitrite and Nitrate Nitrogen, Total Kjeldahl Nitrogen

#### Manure Application

- 8a. Liquid manure must be direct injected on direct seeded land.
- 8b. Solid manure is not allowed to be spread on direct seeded land.

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

Approval LA18062 is hereby cancelled and is no longer in effect, unless Approval LA21038 is held invalid, in which case the previous permit will remain in effect.

September 10, 2021

(original signed)  
Carina Weisbach  
Approval Officer



**Approval LA21038 – Appendix**

Authorization LA13005/LA13005A	<ul style="list-style-type: none"> <li>• Dairy barn (34.6 m x 81.5 m)</li> <li>• EMS (67 m x 37 m x 4.5 m deep)</li> <li>• Catch basin (30 m x 20 m x 4.5 m deep)</li> <li>• Calf/heifer shed (18.2 m x 103.6 m)</li> </ul>
Authorization LA09019	<ul style="list-style-type: none"> <li>• Broiler barn (45.7 m x 12.2 m)</li> </ul>
Approval LA04016A	<ul style="list-style-type: none"> <li>• Hog barn (47.8 m x 154.2 m)</li> <li>• EMS (91.4 m x 68.8 m x 3.7 m deep)</li> </ul>
Grandfathered Facilities	<ul style="list-style-type: none"> <li>• Feedlot (187.8 m x 123.7 m)</li> <li>• Catch basin (24.4 m x 12.2 m)</li> <li>• 4 Hog barns (61.0 m x 12.2 m; 43.1 m x 18.3 m; 51.8 m x 12.2 m; 30.5 m x 9.1 m)</li> <li>• 2 cell hog EMS (total: 152.4 m x 76.2 m)</li> <li>• Layer barn (45.7 m x 13.7 m)</li> <li>• Duck/goose barn (9.1 m x 30.5 m)</li> <li>• 3 Bio shelters (11.0 m x 21.3 m; 11.0 m x 29.9 m; 11.0 x 29.9 m)</li> <li>• Solid manure storage pad (hogs) (24.4 m x 12.2 m)</li> </ul>

**Construction conditions** (brought forward from LA04016A)

1. Completion Reports
  - a. A construction completion report on the manure storage portion of the new 600 sow farrow to finish hog barn must be filed with the NRCB by the supervising professional engineer prior to animals or manure entering the new barn.
  - b. A construction completion report on the liquid manure storage must be filed with the NRCB by the supervising professional engineer prior to manure entering the liquid manure storage.
2. Construction Completion
  - a. Construction must be completed by December 1, 2007.
3. Inspections
  - a. The liquid manure storage must be inspected by NRCB personnel prior to manure being placed in the new liquid manure storage.
  - b. The manure storage portion of the barn must be inspected by NRCB personnel prior to animals or manure entering the new hog barn.
4. Liquid Earthen Manure Storage (EMS)
  - a. The outside wall of the liquid manure storage must be covered with topsoil and seeded to prevent erosion.



5. Reclamation of the two existing liquid earthen hog manure storages
  - a. Liquid manure is to be removed from the two existing liquid earthen hog manure storages within 6 months of the last hog exiting the 270 sow farrow to finish hog operation barns.
  - b. As per the applicant's commitment, a minimum of three boreholes are to be drilled by a qualified professional in the area of the two existing liquid earthen hog manure storages.
  - c. The information from the completion of these boreholes is to be used in developing a reclamation plan from a qualified professional for the area of the two existing liquid earthen hog manure storages.
  - d. The reclamation plan must be submitted to the NRCB within 6 weeks of completion of the removal of the liquid from the two existing liquid earthen hog manure storages.
  - e. The reclamation plan must be submitted to the NRCB before the plan is implemented.
  - f. The reclamation plan must include a completion date for the reclamation of the two existing liquid earthen hog manure storages.
  - g. The reclamation plan and stated completion date must be satisfactory to the NRCB and any other government agencies that have jurisdiction over the area of the two existing liquid earthen hog manure storages before the plan is implemented.
  
6. Manure Removal
  - a. All manure must be removed from the old broiler chicken barn prior to the start of demolition of that barn and at the latest, within one year of the date of the barn's last date of use as a part of the confined feeding operation.
  - b. All manure must be removed from the cinderblock hog barn prior to the start of demolition of that barn and at latest, within one year of the barn's last date of use as part of the confined feeding operation.

**Construction conditions** (brought forward from LA09019)

Construction Completion

1. Construction of the manure collection and storage portions of the new broiler barn must be completed prior to October 31, 2012, unless otherwise agreed upon by the NRCB.

Inspections

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

**Construction conditions** (brought forward from LA13005A)

1. The manure collection and storage portion of the new dry cow/heifer pens must be inspected by NRCB personnel prior to animals or manure being placed in the new facility.
2. Construction of the manure collection and storage portions of the new pen area must be completed prior to October 30, 2019 unless otherwise agreed upon in writing by the NRCB.