

In consideration of Decision Summary RA17015, Approval RA17015A is issued to:

Name: Cloverleaf Hutterian Brethren (the "permit holder")
Address: Box 269, Delia AB T0J 0W0
Contact person: Fred Waldner

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 for RA08033, RA10064, RA11045, and RA17015 together with the site plans, building plans, manure management plan, engineering reports and other attached documents, unless otherwise noted in the following conditions.

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

Operating Conditions (brought forward from Approval RA08033)

1. Earthen Manure Storage (EMS) Leakage Detection System Reporting
 - a. An Indicator report must be done every 12 months and submitted to the NRCB by November 30 each year. The Indicator report must include laboratory analysis of the indicator parameters outlined in the most recent NRCB Technical Guideline 'Leak Detection and CFO's'. The reports are to be submitted to the NRCB until such time as the NRCB adjusts the monitoring frequency, test parameters and/or report contents.
2. Manure Application
 - a. Liquid manure must be applied by direct injection.
 - b. Solid manure must be incorporated within 48 hours of manure spreading.
 - c. Manure disposal must not occur on any lands on holiday weekends including Victoria Day weekend, Canada Day weekend, Heritage Day weekend, Labour Day weekend, or Thanksgiving Day weekend, or the two days prior to the commencement of these weekends.

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



Approval RA17015 is hereby cancelled and no longer in effect, unless Approval RA17015A is held invalid following a review and decision by the NRCB's board members or by a court, in which case Approval RA17015 will remain in effect.

September 3, 2021

(Original Signed)
Francisco Echegaray, P.Ag.
Approval Officer



Approval RA17015A – Appendix

Existing permitted facilities

- Loose housing hog barn (156.7 m x 44.8 m)
- hog barn (106.7 m x 53.9 m + 62.5 m x 21.9 m)
- quarantine barn (223m²)
- seasonal poultry barn for ducks, geese and broilers (42.7 m x 12.2 m)
- two chicken broiler barns (106.7 m x 18.3 m each)
- chicken broiler barn (112.8 m x 18.9 m)
- earthen liquid manure storage (109.7 m x 109.7 m x 6.1 m deep)
- earthen liquid manure storage (45.7 m x 67 m x 6.1 m deep)

Miscellaneous Conditions (brought forward from Approval RA08033)

- Cloverleaf Colony will work with Starland County to design a landscaping plan for development of shelterbelts within the N ½ 23-31-18-W4, with the goal of providing long-term wind protection in the proximity of the lagoons.

Construction conditions (brought forward from Authorization RA10064)

Completion Reports

- A completion report confirming the 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.
 - Verification of the EMS liner thickness and side slopes.
 - Verification that the EMS was constructed according to the recommended construction procedures in the August 11, 2010, Earthwork Specifications, by Enviro-Ag consulting Ltd.
- A completion report prepared by a qualified third party confirming the construction procedures and concrete specifications, must be provided to the NRCB prior to manure and animals entering the expanded barn.

Construction Completion

- Construction of the manure collection and storage portions of the new EMS and the expansion to the Finisher Barn must be completed prior to November 30, 2013, unless otherwise agreed upon, in writing, by the NRCB.

Inspections

- The manure storage portion of the expanded finisher barn must be inspected by NRCB personnel prior to animals or manure being placed in the barn.
- The new liquid EMS must be inspected by NRCB personnel prior to manure being placed in the new liquid manure storage.

Construction conditions (brought forward from Authorization RA11045)

Construction Completion

- Construction of the manure collection and storage portions of the expansion to the Poultry Barn must be completed prior to December 31, 2012, unless otherwise agreed upon, in writing, by the NRCB.

Inspections

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

Construction conditions (brought forward from Authorization RA17015)

- The concrete used to construct the liner of the loose housing hog barn, as well as the leak control seals, 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 proof, confirming that the concrete, and seals, used for the manure collection and storage areas meets the required specification.
- The permit holder shall not allow livestock or manure in the new loose housing hog 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.
- The permit holder shall complete construction of the loose housing hog barn prior to February 1, 2020. Upon request, this deadline may be extended by the NRCB in writing.