



Total permitted animal capacity from all permits for this site:

850 sows farrow to finish
10,000 poultry layers
2000 poultry broilers
1200 ducks
400 geese

In consideration of the Decision Summaries for RA06017, RA06017B, RA06017D and RA06017F, Approval RA06017F is issued to:

Name: Hutterian Brethren Church of Lougheed (the "permit holder")
Address: Box 263, Lougheed, Alberta T0B 2V0
Contact person: Joe Stahl

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 NRCB Approval RA06017 (and its amendments RA06017B and RA06017D), together with the site plan, building plans, engineering reports and other attached documents.

Operating Conditions

1. Liquid earthen manure storage
 - a. The NRCB is to be notified immediately if there is an overflow or leak from any of the manure storages.
2. The permit holder shall monitor groundwater from leakage detection wells in order to detect leakage from the liquid manure storage facility, according to leakage detection requirements prescribed by the NRCB in writing. The NRCB may revise those requirements from time to time, in writing.
3. The permit holder shall sample and test raw groundwater, according to water well monitoring requirements prescribed by the NRCB in writing. The NRCB may, based on the monitoring results and at its discretion, revise those requirements from time to time, in writing.
4. Manure application
 - a. Manure will not be spread on holidays, as proposed by the operator.
 - b. Manure will not be spread within 100 metres of a common body of water, as proposed by the operator.

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



Approval RA06017, and its amendments RA06017B and RA06017D, are hereby cancelled and are no longer in effect, unless Approval RA06017F is held invalid, in which case the previous permits will remain in effect.

May 1, 2020

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



Approval RA06017F – Appendix

Permitted Construction (already constructed)

- Liquid earthen manure storage (131.0 m × 70.1 m × 4.9 m deep)
- Two hog barns (123.2 m × 46.3 m and 123.2 m × 25.0 m)
- Geese/duck/chicken broiler barn (39.6 m × 9.8 m)
- Poultry layer barn (39.6 m × 9.8 m)

Construction conditions (already met carried forward from Approval RA06017)

- If the water table is encountered and causes or creates construction problems or delays during construction of the new catch basins and liquid earthen manure storage, construction must cease in the problem construction area and the NRCB must be notified immediately.
- A completion report confirming the liquid 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:
 - Density test results of the EMS liner
 - Verification of the EMS liner thickness and side slopes
 - Verification that the liner material used is the same material that was submitted for hydraulic conductivity testing
 - Verification that the EMS was constructed according to the recommended construction procedures in the drawings provided by Enviro-Ag Consulting Ltd.
- A completion report confirming the swine barn pit and floor liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to animals or manure entering the swine barn.
- A completion report confirming the poultry layer floor liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to animals or manure entering the layer barn.
- A completion report confirming the geese/duck/poultry broiler floor liner material and construction procedures, prepared by a qualified third party, must be provided to the NRCB prior to animals or manure entering the barn.
- The manure storage portion of the barns, the liquid earthen manure storage must be inspected by NRCB personnel prior to animals or manure being placed in the new barns and manure being placed in the new liquid earthen manure storage.

Leakage Detection System Installation

- A Comprehensive report must be done at the time the wells are installed and 6 months after well installation. The Comprehensive report must include laboratory analysis of the baseline and indicator parameters outlined in the most recent NRCB Technical Guideline 'Leak Detection and CFO's'.
- Leak detection wells must be installed prior to manure being allowed in the new liquid EMS and animals allowed in the new feedlot and corral.