

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

100,000 turkey toms 400 beef feeders 120 dairy cows (plus dries and replacements) 37,000 chicken layers 600 turkey broilers 800 ducks 300 geese

In consideration of Decision Summary RA24035, Approval RA24035 is issued to:

Name:	Hutterian Brethren Church of Red Willow and RW Colony Farming Co	
	Ltd. (the "co-permit holders")	
Address:	Box 940 Stettler, AB T0C 2L0	
Contact person:	Jacob Hofer	

Permitted construction (based on the submitted site plan):

- Convert the existing sheep barn to a layer barn 121.9 m x 24.4 m
- Manure storage shed (attached to the layer barn) 10 m x 18 m
- Decommission the existing sheep catch basin and sheep pens

#### **Ancillary Structure**

• Egg packing room and cooler attached to the layer barn – 24.4 m x 18.2 m

The co-permit holders shall comply with the requirements of the *Agricultural Operation Practices Act* (AOPA) and the regulations passed pursuant to that Act.

The co-permit holders shall adhere to the descriptions, the site plan, building plans, engineering reports and other attached documents included with filed Application RA24035 and Approvals RA11031 and RA11031A, and Authorizations RA12037, RA13016, and RA18008A.

The co-permit holders shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspections in conditions 2 and 5.

#### **Construction conditions**

#### Layer barn

 The concrete used to construct the liner of the layer barn must meet the specifications for category D (solid manure – dry), in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas." The co-permit holders shall provide documentation, confirming that the concrete used for the manure collection and storage areas meets the required specification.



- 2. The co-permit holders shall not allow livestock or manure in the layer barn until the facility has been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed in accordance with the terms and conditions of this permit.
- 3. The co-permit holders shall complete construction of the manure collection and storage portions of the layer barn prior to September 30, 2027. Upon request, this deadline may be extended by the NRCB in writing.

#### Manure Storage Shed

- 4. The concrete used to construct the liner of the manure storage shed must meet the specifications for category D (solid manure dry), in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas." The co-permit holders shall provide documentation, confirming that the concrete used for the manure collection and storage areas meets the required specification.
- 5. The co-permit holders shall not place manure in the manure storage shed until the facility has been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed in accordance with the terms and conditions of this permit.
- 6. The co-permit holders shall complete construction of the manure collection and storage portions of the manure storage shed prior to September 30, 2027. Upon request, this deadline may be extended by the NRCB in writing.

#### Decommissioning of sheep catch basin and pens

7. The co-permit holders shall decommission the sheep catch basin and pens according to Technical Guideline Agdex 096-90 "Closure of Manure Storage Facilities and Manure Collection Areas". The decommissioning shall be completed by September 30, 2028, upon request, this deadline may be extended by the NRCB in writing.

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

Approvals RA11031 and RA11031A and Authorizations RA12037, RA13016, and RA18008A are hereby superseded, and their content consolidated into this Approval RA24035, unless Approval RA24035 is held invalid following a review and decision by the NRCB's board members or by a court, in which case Approvals RA11031 and RA11031A and Authorizations RA12037, RA13016, and RA18008A will remain in effect.

October 25, 2024

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



# Approval RA24035 – Appendix

## **Existing permitted facilities**

Facility	Dimensions (m)	From
Beef feedlot	222 m x 79 m	Deemed
Calving shed	61 m x 26 m	Deemed
Dairy barn	61 m x 26 m	Deemed
Calf barn	30 m x 15 m	Deemed
Layer barn	58 m x 40 m	Deemed
Duck barn	28 m x 90 m	Deemed
Turkey Storage	31.7m x 12 m	Deemed
Turkey barn #1	122 m x 24 m	RA09039A
Turkey barn #2	61 m x 18 m	RA09039A
Runoff control catch basin	45.7 m x 30.5 m x 3 m	RA10021
Sheep barn - to be converted	121.9 m x 24.4 m	RA11031A
into layer barn		
Sheep catch basin and pens –	45.7 m x 24.4 m x 3.1 m deep,	RA12037
to be decommissioned	and 121 m x 30.5 m each	
Chicken pullet barn	39.6 m x 10.7 m	RA13016
Earthen liquid manure	91.4 m x 91.4 m x 5.5 m	RA18008A
storage (EMS)		

## Construction conditions from historical permits that have been met

#### Construction Conditions (brought forward from RA09039A)

- 1. Completion Reports
  - a. The concrete used to construct the manure storage and collection system in the barns must be Type 50 and have minimum 28-day strength of 28 MPa. A copy of the concrete supplier's invoice must be provided to the NRCB, to confirm the concrete specifications, prior to animals and manure entering the new barns.
- 2. Construction Completion
  - a. Construction of the manure collection and storage portions of the CFO facilities must be completed prior to January 31, 2013, unless otherwise agreed upon by the NRCB.
- 3. Inspections
  - a. The manure storage portion of the barns must be inspected by NRCB personnel prior to animals or manure being placed in the new barns.

## **Construction Conditions** (brought forward from Authorization RA10021)

- 1. Completion Reports
  - a. A completion report confirming the runoff control catch basin liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB prior to manure entering the runoff control catch basin. The completion report must include: - Verification that the runoff control catch basin is located according to the site plan provided. - Verification of the distance from the water table to the bottom of the



runoff control catch basin liner material at the time of construction. - Verification of the runoff control catch basin size, including depths below and above grade. - Verification of the runoff control catch basin liner thickness and side slopes.

- 2. Construction Completion
  - a. Construction of the runoff control catch basin must be completed prior to October 30, 2010, unless otherwise agreed upon by the NRCB, in writing.
- 3. Inspections
  - a. The runoff control catch basin must be inspected by NRCB personnel prior to manure being placed in the new runoff control catch basin.

## **Construction Conditions** (brought forward from Authorization RA11031A)

- 1. Completion Reports
  - a. A completion report confirming the sheep barn liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB prior to animals or manure entering the sheep barn; unless otherwise agreed upon by the NRCB. The completion report must include: Verification of the sheep barn liner thickness and verification that the liner was constructed according to the recommended construction procedures as outlined in the September 12, 2011, Shallow Subsoil Investigation report, by Almor Testing Services Ltd.

## **Construction Conditions** (brought forward from Authorization RA12037)

- 1. Completion Reports
  - a. A completion report confirming the sheep pens liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB prior to animals or manure entering the pens, unless otherwise agree upon, in writing, by the NRCB. The completion report must include: Verification of the pens' liner thickness and verification that the liner was constructed according to the recommended construction procedures as outlined in the August 8, 2012, Shallow Subsoil Investigation report, by Almor Testing Services Ltd.
  - b. A completion report confirming the runoff control catch basin liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB prior to runoff with manure constituent entering the runoff control catch basin, unless otherwise agree upon, in writing, by the NRCB. The completion report must include: Verification that the runoff control catch basin is located according to the site plan provided. Verification of the distance from the water table to the bottom of the runoff control catch basin liner material at the time of construction. -Verification of the runoff control catch basin size, including depths below and above grade. Verification of the runoff control catch basin liner thickness, side slopes and verification that the liner was constructed according to the recommended construction procedures as outlined in the August 8, 2012, Shallow Subsoil Investigation report, by Almor Testing Services Ltd.

## 2. Inspections

a. The manure storage portion of the sheep pens must be inspected by NRCB personnel prior to animals or manure being placed in the new pens.



- b. The manure storage portion of the runoff control catch basin must be inspected by NRCB personnel prior to animals or manure being placed in the new pens.
- 3. Construction Completion
  - a. Construction of the manure collection and storage portions of the CFO facilities must be completed prior to August 31, 2015, unless otherwise agreed upon, in writing, by the NRCB.

# **Construction conditions** (brought forward from Authorization RA13016)

- 1. Concrete Manure Storage Floors and Gutters
  - b. The concrete used to construct the manure storage and collection system in the pullet barn must have a minimum 28-day strength of 28 MPa. A copy of the concrete supplier's invoice, or equivalent, must be provided to the NRCB prior to manure or animals entering the new barn, in order to confirm the concrete specifications.
- 2. Inspections
  - c. The manure storage portion of the pullet barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.
- 3. Construction Completion
  - a. Construction of the manure collection and storage portions of the CFO facilities must be completed prior to August 31, 2016, unless otherwise agreed upon, in writing, by the NRCB.

## **Construction conditions** (brought forward from Authorization RA18008A)

- The permit holder shall provide the NRCB with a written construction completion report for the earthen liquid manure storage. The report shall be stamped and signed by a "professional engineer," as defined in the Standards and Administration Regulation, and shall:
  - Certify that the EMS was constructed at the location specified in the site plan provided with the application;
  - Certify that the liner material used in the EMS is the same material that was submitted for hydraulic conductivity testing;
  - Certify that the EMS was constructed according to the recommended construction procedures in the December 28, 2017 Almor Testing Services Ltd. report;
  - Provide the vertical distance from the water table to the bottom of the EMS liner material at the time of construction;
  - Provide the constructed EMS dimensions, including elevations below and above grade, liner thickness, berm height, and side slopes.

The permit holder shall not place manure in the EMS until the report has been reviewed and accepted in writing by the NRCB.

2. The permit holder shall not allow manure into the new EMS until the facility has been inspected by NRCB personnel and confirmed by them, in writing, to have been constructed in accordance with the terms and conditions of this permit.



3. The permit holder shall complete construction of the new EMS prior to November 30, 2020. Upon request, this deadline may be extended by the NRCB in writing.