



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

160 dairy cows (plus associated dries and replacements)  
30,000 chicken layers  
25,000 chicken pullets  
2,000 chicken broilers  
500 swine farrow to finish  
900 ducks  
200 geese  
470 beef finishers

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In consideration of Decision Summary LA21015, Approval LA21015 is issued to:

Name: Old Elm Hutterian Brethren, Old Elm Enterprises Ltd., and Old Elm Farming Co. Ltd. (the “co-permit holders”)  
Address: Box 220, Magrath AB T0K 1J0  
Contact person: Gideon Kleinsasser

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

- Feedlot – 198.1 m x 30.4 m plus 12.2 m
- Catch basin – 30.5 m x 20 m x 3.6 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 contained in the filed application LA21015, Approval LA10060 and Authorization LA15011, together with the site plan, engineering reports and other attached documents, unless otherwise noted in the following conditions.

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

The co-permit holders are responsible for all costs associated with monitoring, sampling, testing, recording and reporting requirements.

**Construction conditions**

Feedlot pens and catch basin

Construction completion deadline

1. The co-permit holders shall complete construction of the manure collection and storage portions of the new feedlot pens and the catch basin prior to December 31, 2024. Upon request, this deadline may be extended by the NRCB in writing.



Post construction inspection

2. The co-permit holders shall not place livestock or manure in new feedlot pens and allow manure contaminated runoff to enter the catch basin until the NRCB has inspected the facilities and stated in writing that the facilities have been constructed in accordance with this approval.

**Decommissioning of existing facilities**

3. The co-permit holders shall decommission the existing dry cow pens (as indicated in Technical Document LA21015) within one year after completing construction of the new dry cow pens. The decommissioning shall be conducted according to Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas". The permit holder shall notify the NRCB when the decommissioning has been completed.

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

Old Elm Colony's Approval LA10060 and Authorization LA15011 are therefore superseded, and their content consolidated into this Approval LA21015, unless Approval LA21015 is held invalid following a review and decision by the NRCB's board members or by a court, in which case Approval LA10060 and Authorization LA15011 will remain in effect.

September 13, 2021

(original signed)  
Carina Weisbach  
Approval Officer



**Approval LA21015 – Appendix**

**Existing permitted facilities**

Facility	Dimensions (m)	From
- close up bull barn - dry cow pens - catch basin	30 m x 23 m 78 m x 152 m 23 m x 25 m	Authorization LA15011
- chicken layer barn - chicken pullet barn - cover solid manure storage	76.5 m x 23.5 m 49 m x 10 m 18.6 m x 23.5 m	Approval LA10060
- new chicken barn		MDP 32-2000
- new barns - manure storage		MDP 918-97

**Construction conditions** (brought forward from Authorization LA15011)

**Construction Conditions – Close-up Bull Barn**

4. The permit holder shall provide the NRCB with a written construction completion report for the close-up bull barn before that facility is populated. The report shall be issued by a qualified engineer and shall verify:
  - That the facility was constructed at the location noted on the May 15, 2015 site plan provided with the application.
  - That the liner material used for construction of the compacted clay liner is the same material as that tested for hydraulic conductivity in the laboratory.
  - That the liner was constructed according to the required AOPA specifications regarding the thickness of the liner and post construction density
5. The permit holder shall complete construction of the close-up bull barn prior to December 31, 2018. Upon request, this deadline may be extended by the NRCB in writing.
6. The permit holder shall not allow livestock in the 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.

**Construction conditions** (brought forward from Approval LA10060)

1. A completion report prepared by a qualified third party must be submitted to the NRCB prior to animals or manure entering the proposed new chicken layer barn with attached pullet barn and the solid manure storage. The completion report must include:
  - verification of the location of the barns;
  - verification that the dimensions of the barns are as submitted in the site plan;
  - verification that concrete strength, rebar and waterstops are according to the Technical Guideline: TG2004-02: Concrete manure Liner Guidelines as submitted in the



construction plans for the proposed new chicken layer barn with attached pullet barn and the solid manure storage.”

2. Construction of the manure collection and storage portions of the CFO facilities must be completed prior to December 31, 2014 unless otherwise agreed upon by the NRCB.
3. The manure storage portion of the barns and the solid manure storage must be inspected by NRCB personnel prior to animals or manure being placed in the new barns and manure being placed in solid manure storage area.

**Construction conditions** (brought forward from MD Permit 32-2000)

1. The new poultry barns be located as shown on the site plan by Hasegawa Engineering, immediately north of the main entry road to the Colony.
2. The floors/gutters of the barns to be constructed so as to be considered manure tight. The collection sump/pit and all incoming and outgoing pipe connections must also be manure tight.
3. The surface water drain way immediately north of the barns must be protected from manure contamination by the operation of this facility.
4. The old poultry facilities be decommissioned and cleaned up after being taken out of service.

**Construction conditions** (brought forward from MD Permit 918-97)

1. Design plans for the construction of new barns shall be prepared by a qualified Engineer and shall be approved by Alberta Agricultural, Food and Rural, Development before construction commences, and the Engineer shall submit a letter to the Municipal District certifying that construction conforms to the design upon completion of construction and prior to any animals being housed in the barns.
2. Manure Storage: There is little or no data provided concerning soil permeability of the existing four (4) earthen storage lagoons. In view of the fact the water reservoir is located on shale and required a plastic liner, it is imperative that the following be completed, and the results provided before barn construction begins:
  - a. test drilling around the manure storage to determine shale level.
  - b. core samples textured and analysed to provide said hydraulic conductivity for the storage area.
  - c. monitoring wells strategically placed around the storage and :monitored for potential seepage.
  - d. storage of manure is to be at least 50 m from a water course, surface water, domestic well or water supply.
  - e. if an open manure storage facility is used, the site must be provided with signs and fencing so as to reduce the possibility of unauthorized entry.
  - f. the manure storage facility must be operated and maintained so as to prevent the creation of a public health nuisance.