



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

**2,500 Beef Finishers**

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In consideration of Decision Summary LA19004, Approval LA19004 is issued to:

Name: Beekman Farms Ltd. and P & H Wessels Farms Ltd. (the “co-permit holders”)  
Address: Box 1511, Fort Macleod AB T0L 0Z0  
Contact person: Pieter Wessels

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

- Catch basin (40 m x 40 m x 5 m deep)
- Feedlot pens (total area: 190 m x 223 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 together with the site plan, building plans, manure management 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 conditions #2 and #7.

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

## **Construction conditions**

### Feedlot Pens

1. The co-permit holders shall complete construction of the feedlot pens prior to November 30, 2022. Upon request in writing, this deadline may be extended by the NRCB.
2. The co-permit holders shall not place manure or animals in the feedlot pens until condition, #6 and #7 have been met, and 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.

### Catch basin Leakage detection system

3. The co-permit holders shall install a leakage detection system as prescribed by the manufacturer of the synthetic liner used for the catch basin. This system must be designed to detect failures in the synthetically lined catch basin and must be constructed to be

accessible at all times. This system must be approved in writing by the NRCB prior to construction of the catch basin.

#### Catch basin

4. The co-permit holders shall complete construction of the catch basin prior to November 30, 2022. Upon request in writing, this deadline may be extended by the NRCB.
5. The co-permit holders shall immediately cease construction of the catch basin and contact the NRCB if the water table is observed to be 1 m or less from the bottom of the catch basin's liner at the time of construction.
6. The co-permit holders shall provide the NRCB with a written construction completion report for the catch basin. The report must be stamped and signed by a "professional engineer," as defined in the Standards and Administration Regulation, and must:
  - Confirm that the catch basin was constructed at the location specified in the site plan provided with the application
  - Confirm that the catch basin has been constructed in accordance with the proposed design
  - Confirm that the liner material used for the synthetically lined catch basin is constructed of 40 mil HDPE textured geomembrane or an equivalent liner
  - Confirm the size of the catch basin, including depth below grade
  - Confirm that the synthetic liner was installed in accordance with the liner supplier's requirements, including under membrane surface preparation and proper sealing at all seams
  - Confirm that the approved leakage detection system was installed in accordance with the manufacturer's requirements
7. The co-permit holders shall not allow manure impacted runoff to enter the catch basin 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.

#### **Operating conditions**

##### Catch basin leakage detection system monitoring

8. Unless otherwise specified by the NRCB in writing, the leakage detection system as required by condition #5 above, must be kept accessible, and be maintained in operable condition, at all times. This system must be sampled by the co-permit holders in accordance with monitoring statement LA19004 MS 26 Jul 19. In the event that damage to the liner is identified, or leachate is detected in the monitoring system, the NRCB must be notified immediately.



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

July 26, 2019

(original signed)  
Adria Snowdon  
Approval Officer