

Total permitted animal capacity for this site:

2,000 beef finishers

In consideration of Decision Summary LA20001, Approval LA20001 is issued to:

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

Permitted construction (based on the submitted site plan):

- Synthetically lined runoff control catch basin – 40 m x 21 m x 2.5 m deep
- Six feedlot pens – 140 m x 90 m (total combined dimensions of pens)

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 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 permit holder shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspection in conditions #3 and #7.

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

Construction conditions

Feedlot Pens

1. The permit holder shall complete construction of the feedlot pens prior to December 31, 2022. Upon request in writing, this deadline may be extended by the NRCB.
2. Municipal property line and roadway setbacks (20 feet to a property line and 108 feet to the centerline of the road or 75 feet from the road right of way boundary, whichever is greater) must be adhered to.
3. The permit holder shall not place manure or animals in the feedlot pens until condition, #7 and #8 have been met, and the feedlot pens 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

4. The permit holder shall complete construction of the catch basin prior to December 31, 2022. Upon request in writing, this deadline may be extended by the NRCB.

5. The permit holder 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 permit holder 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 approved requirements
7. The permit holder shall not allow manure impacted runoff to enter the catch basin until the catch basin 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.

Catch basin leak detection system

8. The permit holder shall install a leak detection system under the synthetic liner in the catch basin. This system must be designed to detect failures in the synthetically lined catch basin and must be constructed and maintained so that it can be monitored at any time. This system must be approved in writing by the NRCB prior to construction of the catch basin.

Seasonal feeding and bedding facilities

9. The existing seasonal feeding and bedding facilities located directly north of the feedlot pens must be decommissioned and all manure removed from them within one year of the feedlot pens being completed.

Operating conditions

Catch basin leak detection system monitoring

10. Unless otherwise specified by the NRCB in writing, the leak detection system as required by condition #8 above, must be monitored by the permit holder in the spring and fall.

In the event that damage to the catch basin 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.

May 29, 2020

(original signed)
Andy Cumming
Approval Officer