



Total permitted animal capacity from all permits for this site:
16,500 beef feeder calves

In consideration of NRCB Board Decision RFR 2024-05 and Decision Summaries LA24002 and LA24002X, Approval LA24002X is issued to:

Name: Van Huigenbos Farms Ltd. (the "permit holder")
Address: Box 2517, Fort Macleod AB T0L 0Z0
Contact person: Henry Van Huigenbos

Permitted construction (based on the submitted site plan):

- East pens – 153.4 m x 36.9 m (6 rows)
- West pens – 152.1 m x 36.9 m (6 rows) and 50.7 m x 36.9 m (2 rows)
- North pens – 152.1 m x 38.2 m, irregular shape
- North catch basin – 185 m x 40 m x 2 m deep (final dimensions)
- South catch basin – 105 m x 40 m x 2 m deep

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, the site plan, building plans, engineering reports and other attached documents included with filed Applications LA24002, LA15045 and LA17054A.

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, 6, 9, 15, 20 and 22.

The permit holder is responsible for all costs associated with monitoring, sampling, testing, recording, and reporting requirements (this includes post construction reports).

Construction conditions (carried forward from Approval LA24002)

East pens

1. The permit holder shall complete construction of the manure collection and storage portions of the east pens prior to July 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.
2. Prior to the inspection cited in condition #3, the permit holder shall provide the NRCB with written confirmation from a professional surveyor verifying the distance (to the nearest 0.1 m) from the east pens to the property line adjacent to Range Road 263. The distance from the east pens shall be measured from the portion that is nearest to the east property line. This distance must be at least 22.9 m. This distance must be maintained.
3. The permit holder shall not place manure or allow livestock to enter the east pens 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.



4. The permit holder shall not place manure or allow livestock to enter the east pens until conditions #11-20 have been met.

West pens

5. The permit holder shall complete construction of the manure collection and storage portions of the west pens prior to July 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.
6. The permit holder shall not place manure or allow livestock to enter the west pens 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.
7. The permit holder shall not place manure or allow livestock to enter the west pens until conditions #11-20 have been met.

North pens

8. The permit holder shall complete construction of the manure collection and storage portions of the north pens prior to July 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.
9. The permit holder shall not place manure or allow livestock to enter the north pens 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.
10. The permit holder shall not place manure or allow livestock to enter the north pens until conditions #11-20 have been met.

North catch basin

11. The permit holder shall immediately cease construction of the north catch basin and contact the NRCB if the water table is observed to be one meter or less from the bottom of the north catch basin at the time of construction.
12. The permit holder shall provide the NRCB with a written construction completion report for the north catch basin. This report shall be stamped and signed by a “professional engineer”, as defined in the *Standards and Administration Regulation*, and shall:
 - a. Certify that the north catch basin was constructed at the location specified in the site plan provided with the application and is at least 6.1 m from the west property line,
 - b. Certify that any sandy areas in the catch basin were over excavated and re-packed using the same proposed material as detailed in the WSP Geotechnical Review and Evaluation dated March 13, 2024,
 - c. Confirm that the water table was not observed to be one meter or less from the bottom of the catch basin at the time of construction, and



- d. Confirm the north catch basin's final dimensions and depth below grade.
- 13. The permit holder shall not allow manure impacted run-off to enter the north catch basin until the construction completion report has been reviewed and accepted in writing by the NRCB. This document must be provided to the NRCB at least 10 working days prior to the inspection referenced in condition #15 below or by a later date stated by the NRCB.
- 14. The permit holder shall complete construction of the manure collection and storage portion of the north catch basin prior to July 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.
- 15. The permit holder shall not allow manure impacted run-off to enter the north catch basin 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.

South catch basin

- 16. The permit holder shall immediately cease construction of the south catch basin and contact the NRCB if the water table is observed to be one meter or less from the bottom of the south catch basin at the time of construction.
- 17. The permit holder shall provide the NRCB with a written construction completion report for the south catch basin. This report shall be stamped and signed by a "professional engineer", as defined in the Standards and Administration Regulation, and shall:
 - a. Certify that the south catch basin was constructed at the location specified in the site plan provided with the application and is at least 6.1 m from the west property line,
 - b. Certify that any sandy areas in the catch basin were over excavated and re-packed using the same proposed material as detailed in the WSP Geotechnical Review and Evaluation dated March 13, 2024,
 - c. Confirm that the water table was not observed to be one meter or less from the bottom of the catch basin at the time of construction, and
 - d. Confirm the south catch basin's final dimensions and depth below grade.
- 18. The permit holder shall not allow manure impacted run-off to enter the south catch basin until the construction completion report has been reviewed and accepted in writing by the NRCB. This document must be provided to the NRCB at least 10 working days prior to the inspection referenced in condition #20 below or by a later date stated by the NRCB.
- 19. The permit holder shall complete the manure collection and storage portion of the south catch basin prior to July 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.



20. The permit holder shall not allow manure impacted run-off to enter the south catch basin 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.

Decommissioning

21. The permit holder shall remove all manure according to Technical Guideline Agdex 096-90 "Closure of Manure Storage Facilities and Manure Collection Areas," and remove all infrastructure (fences, feed bunks, and shelters) from the northern most row of pens, within 6 months of the construction completion inspection, by the NRCB, of all facilities above.
22. The permit holder shall notify the NRCB within 10 working days after the completion of condition 21 to schedule an inspection by the NRCB. Conditions 21 and 22 are not met until the NRCB has confirmed, in writing, that the decommissioning was completed to the satisfaction of the NRCB.

Miscellaneous

23. The permit holder shall construct a fence that separates the internal feed alleyway system from Range Road 263. This fence must be constructed by July 31, 2027.
24. The permit holder shall provide the NRCB with written confirmation from a professional surveyor verifying the minimum distance separation (to the nearest 0.1 m) from the outside walls of the closest neighbouring residence to the point closest to manure storage facilities or manure collection areas is at least 526 m. This document must be received by the NRCB by October 31, 2024.

Operating condition (brought forward from Approval LA15045)

25. Water Well Testing

The permit holder shall sample and test raw groundwater from water well #9731008, 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.

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

Approval LA24002 is hereby superseded, and its content consolidated into this Approval LA24002X, unless Approval LA24002X is held invalid following a review and decision by the NRCB's Board members or by a court, in which case Approval LA24002 will remain in effect.

September 17, 2024

(Original signed)
Kelsey Peddle
Approval Officer



Approval LA24002X – Appendix

Existing permitted facilities

Facility	Dimensions (m)	From
Feedlot pens – Row B	237.7 m x 38.1 m	Approval LA15045
Feedlot pens – Row A	298.7 m x 38.1 m	
Calf barn (with transfer pit)	77.8 m x 38.2 m x 0.5 m deep 77.8 m x 2.4 m x 2.4 m deep	Authorization LA17054A
Pole calf barn	39 m x 45.1 m	Authorization LA15037
Barn 3	75.6 m x 24.2 m	Deemed
Feedlot pens	305.0 m x 45.1 m	

Construction conditions (brought forward from Approval LA15045)

Feedlot Pens and Catch Basin

1. Construction completion deadline

The permit holder shall complete construction of the manure collection and storage portions of the Row B feedlot pens and the catch basin prior to January 31, 2019. Upon request, this deadline may be extended by the NRCB in writing.

2. Catch basin construction

The permit holder shall provide proof, signed by a qualified third party, that all sandy areas in the catch basin are over-excavated and repacked using clay as detailed in the Amec Foster Wheeler Geological Review and Evaluation Report dated December 21, 2015.

3. Post construction inspection

- a. The permit holder shall not place livestock in any of the Row B feedlot pens until the NRCB has inspected those pens and the catch basin and stated in writing that the facilities have been constructed in accordance with this approval. The permit holder shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspection.
- b. The permit holder shall not use the existing seasonal feeding and bedding pens (Row A) as feedlot pens until the NRCB has inspected the catch basin and stated in writing that the facility has been constructed in accordance with this approval.

Construction conditions (brought forward from Authorization LA17054A)

1. The permit holder shall provide the NRCB with a written construction completion report for the calf barn with transfer pit. The report shall be stamped and signed by a “professional engineer,” as defined in the Standards and Administration Regulation, and shall:
 - certify that the calf barn with transfer pit was constructed at the location specified in the site plan provided with the application
 - confirm the specifications of the concrete used for the manure storage and collection areas of the calf barn with transfer pit



- confirm the thickness of the concrete walls and slabs, the type of water stops and the size and spacing of reinforcement
2. The permit holder shall not place manure or livestock in the calf barn with transfer pit until the report has been reviewed and accepted in writing by the NRCB. This document must be provided to the NRCB prior to the inspection referenced in condition 4 below or by a later date stated by the NRCB.

Construction completion deadline

3. The permit holder shall complete construction of the calf barn with transfer pit prior to May 30, 2020. Upon request, this deadline may be extended by the NRCB in writing.

Water table

4. The permit holder shall immediately cease construction of the calf barn with transfer pit and contact the NRCB if the water table is observed to be one meter or less from the bottom of the calf barn with transfer pit.

Post construction inspection

5. The permit holder shall not place livestock or manure in the calf barn with transfer pit until the NRCB has inspected the facility and stated in writing that the facility has been constructed in accordance with this authorization.

Completed Construction Conditions (from Authorization LA15037)

No construction conditions

Completed Construction Conditions (from Approval LA14004)

No construction conditions

Completed Construction Conditions (from Authorization LA09003)

1. A copy of the concrete supplier's invoice must be provided to confirm the concrete specifications prior to animals or manure being placed in the barn.
2. Construction of the manure collection and storage portions of the CFO facilities must be completed prior to June 30, 2014, unless otherwise agreed upon by the NRCB.
3. The manure storage portion of the barn must be inspected by NRCB personnel prior to animals or manure being placed in the new barn.

Completed Construction Conditions (from Approval LA08012)

1. Construction of the manure collection and storage portions of the CFO facility(ies) must be completed prior to July 31, 2011 unless otherwise agreed upon by the NRCB.
2. The manure storage portions of the renovated barns must be inspected by NRCB personnel prior to animals or manure being placed in the renovated barns.