



Total permitted animal capacity from all permits for this site:

50 milking cows (plus associated dries and replacements)
4,000 feeder calves

In consideration of Decision Summary LA20039, Approval LA20039 is issued to:

Name: Van Driel Farms Ltd. (the "permit holder")
Address: Box 2664, Fort Macleod AB T0L 0Z0
Contact person: Pieter Van Driel

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 LA20039 and LA20022 and other attached documents, unless otherwise noted in the following conditions.

Operating conditions (brought forward from Approval LA20022)

Manure storages

1. The NRCB is to be notified immediately if there is an overflow or leak from any of the manure storages.

Nutrient Management

2. The permit holder shall retain a professional agrologist to conduct annual soil sampling of soils within 100 m (south, east and west) of the area where runoff leaves the pen area. The sampling area shall be divided into 4 equal sections with 3 samples per section that can be combined to composite samples for soil analysis (1 composite sample per section). Soil sampling and soil analysis shall be done according to Schedule 3 of the Standard and Administration Regulation. Soil test results must be submitted annually by December 15 to the NRCB starting in 2020. The NRCB may revise those requirements as determined necessary, in writing.

Manure application

3. Manure must not be spread on frozen or snow covered ground.
4. Solid manure applied to cropland must be incorporated within 48 hours of spreading as proposed by the operator.

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



Approval LA20022 is hereby cancelled and is no longer in effect, unless Approval LA20039 is held invalid, in which case the previous permit will remain in effect.

November 24, 2020

(original signed)
Carina Weisbach
Approval Officer

Approval LA20039 – Appendix

Existing permitted facilities

Approval LA20022	<ul style="list-style-type: none"> • Pens – 128 m x 49 m and 43 m x 49 m • Extension to dairy barn – 20 m x 15 m • Catch basin – 24 m x 35 m x 3.5 m deep
Approval LA12014	<ul style="list-style-type: none"> • Dairy barn (46 m x 24.5 m) • L shaped concrete solid manure storage (20.1 m x 14.6 m, 7.6 m x 7.3 m x 1.22 m deep) • Feedlot pens (approximately triangle shaped, sides 200 m, 200 m and 115 m)
Authorization LA06019	<ul style="list-style-type: none"> • Concrete solid manure storage (20.1 m x 14.6 m, 7.6 m x 7.3 m and 1.22 m deep) to replace the solid manure storage proposed and approved under NRCB Approval LA05020
Approval LA05020X	<ul style="list-style-type: none"> • Renovation of existing barn and manure storage, including replacing concrete liners

Construction conditions (brought forward from Authorization LA06019)

1. Completion Reports
 - a. The applicant must provide a completion report prepared by a professional engineer verifying the solid manure storage was constructed according to submitted plans prior to animals or manure being placed in the barn and manure being placed in the manure storage.
2. Inspections
 - a. The solid manure storage must be inspected by an NRCB Approval Officer prior to animals or manure being placed in the renovated barn and manure being placed in the solid manure storage.
 - b. The applicant must provide the Approval Officer a minimum of 10 working days' notice prior to the applicant's desired completion inspection.
3. Construction Completion
 - a. Construction must be completed by September 30, 2008.

Construction conditions (brought forward from Approval LA05020X)

1. Pre-Construction Requirements
 - a. Engineered plans for the manure storage and collection portions of both the swine barn and solid manure storage are to be submitted to and accepted in writing by the NRCB prior to any construction taking place on the site.



2. Completion Reports
 - a. The applicant must provide a completion report prepared by a professional engineer verifying the manure storage in the renovated swine barn and solid manure storage were constructed according to submitted plans and permit conditions prior to animals or manure being placed in the barn and manure being placed in the manure storage.
3. Concrete Manure Storage - Floors and Gutters
 - a. The concrete used to construct the manure storage and collection system in the barn and the solid manure storage must have a minimum 56-day strength of 30 MPa.
 - b. All joints in the floors and walls of the renovated barn and solid manure storage are to be sealed so as to be considered watertight.
4. Inspections
 - a. The manure storage portion of the barn and the solid manure storage must be inspected by NRCB personnel prior to animals or manure being placed in the renovated barn and manure being placed in the solid manure storage.
 - b. The applicant must provide the Approval Officer a minimum of 10 working days' notice prior to the applicant's desired completion inspection.
5. Construction Completion
 - a. Construction must be completed by September 30, 2008.