



Total permitted animal capacity from all permits for this site:

3,000 beef feeder calves

In consideration of Decision Summary LA19036X and parts of Decision Summary LA19036, Approval LA19036X is issued to:

Name: Arie and Willemina Muilwijk (the “co-permit holders”)
Address: Box 1628 Fort Macleod AB T0L 020
Contact person: Arie Muilwijk

Permitted Construction (already constructed):

- New covered pens with a roller compacted concrete liner – 82 m x 15 m
- Expanding and converting existing corrals into open pens with a roller compacted concrete liner – total dimensions 92 m x 37 m
- Converting two older hog barns for use as beef feeder calf facilities – 50 m x 12 m and 60 m x 12 m

Permitted construction (based on the submitted site plan):

- New runoff control catch basin with a synthetic liner for the open feedlot pens – 36 m x 21 m x 1.8 m deep

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 applications development permits #1002-80, 54-82, 31-86, and 118-98, NRCB LA10054N, and LA19036, and Board Decision 2021-03/LA19036, together with the site plan, building plans, engineering reports, descriptions and commitments made in correspondence relating to Approval LA19036X, and other attached documents in application LA19036X, 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 3 and 8.

Construction conditions

Synthetic lined catch basin

1. The co-permit holders shall provide the NRCB with a written construction completion report for the synthetic lined catch basin. The report shall be signed by a professional engineer and shall include and verify:
 - The liner type
 - The liner thickness
 - That the synthetic liner was installed in accordance with the liner supplier’s requirements



- Provide seam test results
 - Provide repair details during construction, if any
 - That the facility is located according to the approved site plan
 - The facility size, including depths below and above grade
 - The facility side slopes, and
 - The proper subgrade preparation.
2. The co-permit holders shall immediately cease construction of the synthetic lined catch basin, and contact the NRCB if the water table is observed to be one metre or less from the bottom of the liner of the catch basin.
 3. The co-permit holders shall not allow manure impacted runoff in the synthetic lined 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.
 4. The co-permit holders shall complete construction of the new catch basin prior to November 30, 2022. Upon request, this deadline may be extended by the NRCB in writing.

Operating conditions – New

Two existing earthen liquid manure storage facilities

5. The co-permit holder are required to submit a manure management plan to be approved by the NRCB. This plan may be amended from time to time if approved in writing by the NRCB.
6. Despite condition 5, the co-permit holders shall cap all pipes from the barns to the two existing EMSs and remove liquid manure from the EMSs until such time the manure management plan changes. The co-permit holders shall notify the NRCB once the pipes are capped and liquid manure is removed from the EMSs. The co-permit holders shall complete these tasks within one year of the completion date of the catch basin construction, unless otherwise directed in writing by the NRCB.

Visual inspections of catch basin liner

7. Starting in 2022, the co-permit holders shall conduct annual visual inspections of the synthetically lined catch basin and report the inspection to the NRCB by November 30th.

Crack inspection of open and covered pens (directions from Board Decision 2021-03/LA19036)

8. a. Until November 1, 2025, the co-permit holders shall complete annual inspections of the RCC for cracking, according to the crack inspection requirements prescribed by the NRCB in writing. The NRCB may, based on the cracking results and at its discretion, revise those requirements from time to time, in writing.
- b. After November 1, 2025, the NRCB will review the crack inspection condition #8(a) and determine whether this condition will be suspended, revised, or maintained.



Operating conditions – carried forward and updated from Approval LA10054N

Water well monitoring

9. The co-permit holders shall sample and test raw groundwater, 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.

Fly control program

10. The co-permit holders shall submit a plan and be approved by the NRCB for an effective fly control program within one year of the issuance of this permit.

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

The deemed approval, including Development Permits #1002-80, 54-82, 31-86, 118-98, and NRCB-issued permit LA10054N, are hereby superseded and are no longer in effect, unless Approval LA19036X is held invalid, in which case the previous permits will remain in effect.

September 24, 2021

(Original signed)

Julie Wright
Approval Officer



Approval LA19036X – Appendix

Existing permitted facilities

Facility	Dimensions (m)	Permit
East hog barn – converted beef feeder calf facility	50 m x 12 m	Municipal permit #1002-80
West hog barn - converted beef feeder calf facility	60 m x 12 m	Municipal permit #31-86
East EMS	40 m x 25 m x 1.75 m deep	Deemed permit
West EMS	20 m x 20 m x 2.5 m deep	Deemed permit
Concrete manure pit	10.4 m x 3.4 m x 2.4 m deep	Deemed permit
Breeding barn	15 m x 9 m	Municipal permit #54-82