



Total permitted animal capacity from all permits for this site:

3,500 Beef feeders

In consideration of Decision Summary LA19017, Approval LA19017 is issued to:

Name: Sundown Feeders Ltd. (the "permit holder")
Address: RR 211, 4-80063; Lethbridge County; Lethbridge AB T1K 8G7
Contact person: Gijsbert van Velthuisen

Permitted construction (based on the submitted site plan):

- Catch basin (55 m x 50 m x 2 m deep)
- Feedlot pens (140 m x 80 m)
- Recovery pen (35 m x 20 m)

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 LA19017 together with the building plans, operating plan, 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 #4, #8, and #12.

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

Construction conditions

Catch basin

1. The permit holder shall complete construction of the manure collection and storage portions of the catch basin prior to November 30, 2021. Upon request, this deadline may be extended by the NRCB in writing.
2. The permit holder shall provide written documentation, prepared by a "professional engineer," as defined in the *Standards and Administration Regulation*, certifying the thickness of the catch basin's constructed clay liner and confirming that the completed hydraulic conductivity of the liner is less than 5×10^{-7} cm/sec.
3. The permit holder shall immediately cease construction of the catch basin and contact the NRCB if the water table is observed to be 1 metre or less from the bottom of the catch basin liner.
4. The permit holder shall not allow 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.



Feedlot pens

5. The permit holder shall complete construction of the manure collection and storage portions of feedlot pens prior to November 30, 2021. Upon request, this deadline may be extended by the NRCB in writing.
6. The permit holder shall provide written documentation, prepared by a “professional engineer,” as defined in the *Standards and Administration Regulation*, certifying the thickness of the feedlot pens’ constructed clay liner and confirming that the completed hydraulic conductivity of the liner is less than 5×10^{-7} cm/sec.
7. The permit holder shall immediately cease construction of the feedlot pens and contact the NRCB if the water table is observed to be 1 metre or less from the bottom of the feedlot pens liner.
8. The permit holder shall not place livestock or manure in the feedlot pens 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.

Recovery pen

9. The permit holder shall complete construction of the manure collection and storage portions of the recovery pen prior to November 30, 2021. Upon request, this deadline may be extended by the NRCB in writing.
10. The permit holder shall provide written documentation, prepared by a “professional engineer,” as defined in the *Standards and Administration Regulation*, certifying the thickness of the recovery pens constructed clay liner and confirming that the completed hydraulic conductivity of the liner is less than 5×10^{-7} cm/sec.
11. The permit holder shall immediately cease construction of the recovery pen and contact the NRCB if the water table is observed to be 1 metre or less from the bottom of the recovery pens liner.
12. The permit holder shall not place livestock or manure in the recovery pen 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.

Facility decommissioning

13. The permit holder shall decommission the existing run-off catchment area. This area shall be decommissioned in accordance with Agdex 096-90: *Closure of Manure Storage Facilities and Manure Collection Areas*. The completion of this decommissioning must be confirmed by the NRCB in writing, before the permit holder will be permitted to populate the proposed feedlot and recovery pens.



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

The deemed approval, including municipal development permit 94-08, is hereby cancelled and is no longer in effect, unless Approval LA19017 is held invalid, in which case the previous permit will remain in effect.

July 8, 2019

Joe Sonnenberg
Approval Officer



Approval LA19017 – Appendix

Existing permitted facilities

- Feedlot pens 1: 275 m x 95 m
- Feedlot pens 2: 75 m x 65 m
- Runoff catchment area footprint - 40 m x 45 m (facility to be decommissioned as part of Approval LA19017)

Construction conditions (brought forward from development permit 94-08)

1. The remodelling of the feedlot is to be contained within the area of existing corrals.
2. Since the existing feedlot barely meets the Minimum Distance Separation requirements, the feedlot is "grandfathered" at the existing capacity of 2500 head, based on a continuation of good management.
3. All surface runoff from the feedlot and associated facilities must be contained in the immediate area of the feedlot.