



**Total permitted animal capacity from all permits for this site:**  
7,000 Beef Finishers

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In consideration of Decision Summary LA18058A, Approval LA18058A is issued to:

Name: Nelson Family Ranches Ltd. (the "permit holder")  
Address: Box 388, Stirling AB T0K 2E0  
Contact person: Shawn Nelson & Jeff Nelson

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 for municipal development permit #98-25, unless otherwise noted in the following conditions.

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

#### **Operating conditions**

1. A dust control program, as approved by the NRCB in writing, must be enacted at the site. The NRCB may amend the dust control plan, from time to time, in writing.
2. Manure shall be worked into the ground within 24 hours of spreading if neighbors deem it a problem, otherwise the manure needs to be incorporated into the soil within 48 hours.
3. The storage of manure can be accommodated within the pens. The manure should be cleaned from the pens as proposed on a six month basis.
4. Manure should not be spread on frozen or snow covered ground.
5. A fly control program will be implemented.

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

Municipal Development Permit #98-25 is hereby cancelled and is no longer in effect, unless Approval LA18058A is held invalid, in which case the previous permits will remain in effect.

December 5, 2018

  
Joe Sonnenberg  
Approval Officer

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**Approval LA18024 – Appendix**

**Construction conditions carried forward from municipal permit 98-25**

1. This permit indicates that only the development to which it relates is authorized in accordance with the provisions of the land use bylaw and in no way relieves or excuses the applicant from complying with the land use bylaw or any other bylaws, laws, order and/or regulations affecting such development.
2. If this development permit is issued for construction of a building, the exterior of the building, including painting, shall be completed within twelve (12) months from the date of issue of this development permit.
3. County of Warner: The County waives the minimum distance setback as recommended by the Code of Practice from 2,378 feet to 1,575 from the nearest residence. It also waives the minimum distance from Primary Highway 52 from one half mile to one quarter mile. The distance from the irrigation canal is approved at 100 feet south of it, if proper barriers are in place, otherwise the distance shall be 200 feet. No runoff can be allowed to enter the canal at any time.
4. Alberta Agriculture: The recommendations of Alberta Agriculture shall be adhered to except for those waived by the County of Warner and the information is enclosed in the letter dated September 25, 1998 and it is attached as Appendix A.
5. Alberta Transportation: Due to the feedlot being within 300 meters of Primary highway 52, a permit is required to be obtained from Alberta Transportation.
6. Chinook Health Region: The recommendations of Chinook Health Region shall be adhered to except for those waived by the County of Warner and the information is enclosed in a letter dated September 30, 1998 and it is attached as Appendix B.

**Construction conditions carried forward from Appendix A- Alberta Agriculture, Food, and Rural Development Comments – except for those waived by the county (see condition #4 above)**

1. Minimum Distance Separation (MDS)

The minimum separation distance from the nearest part of the feedlot to the nearest neighboring residence should be at least 2,378 feet (725 metres) for a category 1, single residence or low sensitivity neighbor. The information supplied with the application, as well as air photo interpretation, shows the actual distance to be approximately 1,575 feet to the nearest neighboring residence from the closest point on the proposed expansion. This does not meet the separation distance criteria as set out in the code.

In addition, a minimum separation of 150 feet must be provided from any irrigation canal/ drainage ditch and adequate measures taken to ensure no contamination of these areas.



## 2. Soils Testing

It is recommended that proper testing of the soils in the area where the proposed pens are to be constructed be undertaken to ensure that the soils contain an adequate clay percentage to ensure that the pen floor permeability will allow no contamination of ground water. No soils information was available at the time of the site inspection.

## 3. Storage of Manure

The storage of manure can be accommodated within the pens. The manure should be cleaned from the pens as proposed on a six month basis.

## 4. Land for Manure Nutrient Utilization

In accordance with the Code of Practice, approximately 2,083 acres of cultivated dryland or 1,042 acres of cultivated irrigated land are required for adequate manure nutrient utilization from the entire feedlot (existing area and proposed expansion). These figures are based upon nitrogen utilization. Additional area may be required when phosphorus utilization is considered.

## 5. All waterways on lands utilized for manure spreading must be contained and prevented from contaminating surface or groundwater. In order to achieve this, it is recommended that:

- Berms be constructed to divert surface run-off water away from the facility and contain run-off originating at the facility.
- Runoff storage ponds be constructed to contain excess runoff from the feedlot area. The storage volume for the proposed expansion should be 5,380 m<sup>3</sup> (1.184 million gals) with a minimum of 0.5 metre freeboard on the ponds.
- The storage ponds are to be properly engineered and constructed so as to achieve a hydraulic conductivity of less than  $1 \times 10^{-7}$  cm/sec. The floor of the pond must also be at least one meter above the ground water table. Information on the ground water table, as well as soils, was not available at the time of the site inspection.

### **Construction Conditions Carried forward from Appendix B- Chinook Health Region Comments– except for those waived by the county (see condition #6 above)**

1. The development should meet the distance requirements of the County of Warner #5 Land Use Bylaw and the Alberta Agriculture Code of Practice.
2. All surface drainage should be properly contained on lands owned by the owner/ operator. This should include properly designed catch basins for the proposed and existing feedlot areas.
3. The irrigation canal should be protected from drainage and/or pollution from this operation.
4. There should be written proof of sufficient land base for manure spreading as required by the Code of Practice and/ or the Land Use Bylaw.