



Total permitted animal capacity from all permits for this site:
120 milking cows (plus associated dries and replacements)

In consideration of Decision Summary RA23026, Registration RA23026 is issued to:

Name: Lone Pine Jerseys Ltd. (the "permit holder")
Address: RR 2 Didsbury, AB T0M 0W0
Contact person: Adrian Haeni

Permitted facilities already constructed (based on the submitted site plan):

- Calf barn – 17 m x 22 m

Permitted construction (based on the submitted site plan)

- Expanded and synthetically lined liquid manure storage (LMS) – 49 m x 48 m x 3.3 m deep (final dimensions)

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 Application RA23026.

The permit holder shall contact the NRCB at least 10 working days in advance of the desired inspection date to schedule the inspection in condition 3.

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

Construction conditions

Expanded and synthetically lined LMS

1. The permit holder shall provide the NRCB with a written construction completion report for the expanded and synthetically lined liquid manure storage (LMS). The report must be stamped and signed by a "professional engineer," as defined in the Standards and Administration Regulation, and must include the following:
 - the final dimensions, side slopes, and depth below grade of the LMS,
 - the location in which the LMS was constructed,
 - confirmation that the bottom of the liner was constructed no less than 1 metre above the water table,
 - confirmation of the water table level at the time of liner installation; and
 - confirmation that the liner installed was a 60 mil HDPE enviro liner, and that the liner was installed in accordance with the liner manufacturer's requirements, including preparation of the bed on which the synthetic liner is placed and proper sealing at all seams.



2. The permit holder must cease construction of the expanded and synthetically lined LMS and notify the NRCB immediately if the water table is encountered during construction.
3. The permit holder shall not allow manure to enter the expanded and relined LMS 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 complete construction of the expanded and synthetically lined LMS prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Operating conditions

5. The permit holder shall sample and test raw groundwater on an annual basis, from water well ID 229586, according to the water well monitoring requirements prescribed by the NRCB in writing (“Sampling for Water Well Monitoring” Fact Sheet). The NRCB may, based on the monitoring results and at its discretion, revise those requirements in writing. (See RA23026 Water Well Monitoring Statement)

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

October 29, 2024

(Original signed)
Sarah Neff
Approval Officer



Registration RA23026 – Appendix

Existing permitted facilities

Facility	Dimensions	Permit
Dairy barn	50 m x 16 m	Deemed permit
Weaned calf barn (attached to dairy barn)	16 m x 16 m	Deemed permit
Cattle shed 1	7 m x 15 m	Deemed permit
Cattle shed 2	7 m x 17 m	Deemed permit
Cattle shed 3 (dry cows)	8 m x 22 m	Deemed permit
Heifer shed	44 m x 8 m	Deemed permit
Close up dry cow shed	7 m x 20 m	Deemed permit
Fresh cow pens (4 pens)	31 m x 32 m total area	Deemed permit
Loose housing (attached to dairy barn)	19.5 m x 18 m	Deemed permit