



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

In consideration of Decision Summary RA21013, Registration RA21013 is issued to:

Name: James and Gail Cowan (the “co-permit holders”)
Address: RR2 New Norway AB T0B 3L0
Contact person: James and Gail Cowan

Permitted construction (based on the submitted site plan):

- Robot barn (94.5 m x 33.5 m)
- Manure storage pad (18.3 m x 9.2 m)

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 application together with the site plans, building plans, and other attached documents, 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 three and six.

The co-permit holders is responsible for all costs associated with monitoring, sampling, testing, recording and reporting requirements.

Construction conditions

Robot barn

1. Construction completion deadline
The co-permit holders shall complete the construction of the robot barn prior to October 31, 2024. Upon written request, this deadline may be extended by the NRCB in writing.
2. Concrete
The concrete used to construct the manure collection and storage liner in the robot barn must meet the requirements of Category D in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.”

The co-permit holders shall provide documentation to the NRCB confirming the specifications of the concrete used in the construction of the robot barn. This documentation must be provided to the NRCB prior to the inspection referenced in condition three, or by a later date stated in writing by the NRCB.



3. Post construction inspection

The co-permit holders shall not place livestock or manure in the robot barn until NRCB personnel have inspected it and stated in writing that it has been constructed in accordance with the terms and conditions of this registration.

Manure storage pad

4. Construction completion deadline

The co-permit holders shall complete the construction of the manure storage pad prior to October 31, 2024. Upon written request, this deadline may be extended by the NRCB in writing.

5. Concrete

The concrete used to construct the manure storage liner of the manure storage pad must meet the requirements of Category C in Technical Guideline Agdex 096-93 "Non-Engineered Concrete Liners for Manure Collection and Storage Areas."

The co-permit holders shall provide documentation to the NRCB confirming the specifications of the concrete used in the construction of the manure storage pad. This documentation must be provided to the NRCB prior to the inspection referenced in condition six, or by a later date stated in writing by the NRCB.

6. Post construction inspection

The co-permit holders shall not place manure on the manure storage pad until NRCB personnel have inspected it and stated in writing that it has been constructed in accordance with the terms and conditions of this registration.

Operating condition

7. Addressing surface water risk

The co-permit holders shall submit a written plan within six months of the issuance of this decision that addresses the risk posed by the cow yard (pen) to surface water. The plan must address run on and runoff controls for the cow yard (pen) and not be implemented until the plan has been approved by the NRCB in writing. Once the plan is approved by the NRCB (in writing) it must be implemented within three years of the issuance of this registration, unless otherwise directed by the NRCB in writing.

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

The co-permit holders' deemed registration is hereby cancelled and is no longer in effect, unless Registration RA21013 is held invalid, in which case the previous deemed permit will remain in effect.

May 19, 2020

(Original Signed)
Jeff Froese
Approval Officer



Registration RA21013 – Appendix

Existing permitted facilities (from deemed registration)

Dairy barn 24 m x 10 m
Calf barn 8 m x 7 m
Calf pens 16 m x 30 m
Cattle shed 16 m x 10 m
Cow yard (pen) 105 m x 65 m