



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

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In consideration of Decision Summary RA21029, Approval RA21029 is issued to:

Name: Hendrik & Margje Pierik and Pleasant Hill Farms Ltd. (the “co-permit holders”)  
Address: Box 18 Site 3 RR3 Ponoka AB T4J 1R3  
Contact person: Mark Pierik

**Permitted construction** (based on the submitted site plan):

- Milk cow barn (85 m x 38 m) with attached cross over (6.1 m x 4.6 m)
- Dry cow barn (46 m x 24 m)
- Outdoor pen (80 m x 30 m)
- Synthetic lined liquid manure storage facility (36.5 m in radius, 4.5 m deep)
- Calf hutch area (46 m x 15.2 m)
- Solid manure storage pad (20 m x 30 m)

**Ancillary facilities:**

- Milk house (25 m x 8 m)
- Pump house (3.1 m x 3.1 m)
- Sawdust bay (20 m x 6 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 RA21029, together with the site plan, building plans, engineering reports 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 #2, 5, 7, 12, 15, and 17.

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

**Construction conditions**

Milk cow barn (with attached cross over)

1. The concrete used to construct the liner of the milk cow barn (with attached cross over) must meet the specifications for category B (liquid manure shallow pits); category C (solid manure – wet) (milk cow barn with attached cross over) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The co-permit holders shall provide written confirmation confirming that the manure collection and storage areas meets the required specifications



2. The co-permit holders shall not allow livestock or manure in the milk cow barn (with attached cross over), 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.
3. The co-permit holders shall complete construction of the manure collection and storage portions of the milk cow barn (with attached cross over) prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

#### Dry cow barn

4. The concrete used to construct the liner of the dry cow barn must meet the specifications for category D (solid manure – dry) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The co-permit holders shall provide written confirmation confirming that the manure collection and storage areas meets the required specifications
5. The co-permit holders shall not allow livestock or manure in the dry cow barn, 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.
6. The co-permit holders shall complete construction of the manure collection and storage portions of the dry cow barn prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

#### Outdoor pen

7. The co-permit holders shall not allow livestock or manure in the pen, 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.
8. The co-permit holders shall complete construction of the manure collection and storage portions of the pen prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.
9. The co-permit holders shall provide the NRCB with a written construction completion report for the pen. The report shall be stamped and signed by a “professional engineer”, as defined in the Standards and Administration Regulation, and shall:
  - Confirm the dimensions of the pen
  - Certify that the liner material used in the pen is the same material that was submitted for hydraulic conductivity testing, and that the pen meets AOPA liner requirements for solid manure storages
  - Certify that the liner material was constructed in accordance with the December 2, 2021, Envirowest Engineering Inc Site and Soil Assessment



Liquid manure storage facility (synthetic liner)

10. The co-permit holders shall provide the NRCB with a written construction completion report for the synthetic lined liquid manure storage facility. The report shall be signed by a qualified professional and shall 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.
11. The co-permit holders shall immediately cease construction of the synthetic lined liquid manure storage facility, and contact the NRCB if the water table is observed to be one metre or less from the bottom of the liner of the storage facility
12. The co-permit holders shall not allow manure in the synthetic lined liquid manure storage facility, 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.
13. The co-permit holders shall complete construction of the manure collection and storage portions of the synthetic lined liquid manure storage facility prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.

Calf hutch area

14. The concrete used to construct the liner of the calf hutch area must meet the specifications for category D (solid manure – dry) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The co-permit holders shall provide written confirmation confirming that the manure collection and storage areas meets the required specifications
15. The co-permit holders shall not allow livestock or manure in the calf hutch area, 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.
16. The co-permit holders shall complete construction of the manure collection and storage portions of the calf hutch area prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.



Solid manure storage pad

17. The co-permit holders shall not allow manure on the solid manure storage pad, 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.
18. The co-permit holders shall complete construction of the manure collection and storage portions of the solid manure storage pad prior to November 30, 2025. Upon request, this deadline may be extended by the NRCB in writing.
19. The co-permit holders shall provide the NRCB with a written construction completion report for the solid manure storage pad. The report shall be stamped and signed by a “professional engineer”, as defined in the Standards and Administration Regulation, and shall:
  - Confirm the dimensions of the pen
  - Certify that the liner material used in the pen is the same material that was submitted for hydraulic conductivity testing, and that the pen meets AOPA liner requirements for solid manure storages
  - Certify that the liner material was constructed in accordance with the December 2, 2021, Envirowest Engineering Inc Site and Soil Assessment

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

July 14, 2022

(Original signed)  
Lynn Stone  
Approval Officer