



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

In consideration of Decision Summary RA24004, Approval RA24004 is issued to:

Name: Jaap and Wilma Dominicus and Dominicus Dairy Ltd. (the “co-permit holders”)
Address: RR 3 Ponoka, AB T4J 1R3
Contact person: Willem Dominicus

Permitted construction (based on the submitted site plan):

- Dairy barn expansion – 25 m x 37 m (85 m x 37 m total dimensions)
- EMS expansion – 80 m x 68 m x 4.5 m deep (total 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, operating plan, engineering reports and other attached documents included with filed Application RA24004 and associated Approval RA11060 and Authorizations RA17057A, RA08004 and RA06026.

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 3 and 7.

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

Construction conditions

Dairy barn expansion

1. The concrete used to construct the liner of the manure collection and storage portions of the dairy barn expansion to meet the specifications for category C (solid manure – wet) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas”.
2. The co-permit holders shall provide documentation to confirm the specifications of the concrete used to construct the manure storage and collection portions of the dairy barn expansion.
3. The co-permit holders shall not place livestock or manure in the dairy barn expansion 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 co-permit holders shall complete construction of the dairy barn expansion prior to December 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.

EMS expansion

5. The co-permit holders shall provide a completion report signed by a professional engineer certifying that the EMS expansion was constructed with the same liner material as that used for hydraulic conductivity testing and that the EMS expansion was constructed according to the proposed procedures and design specifications included in Envirowest Engineering reports (dated January 29, 2025, and September 20, 2024), including liner thickness, depth, side slopes and location.
6. The co-permit holders shall immediately cease construction of the EMS expansion and contact the NRCB if the water table is observed to be one meter or less from the bottom of the liner at the time of construction.
7. The co-permit holders shall not place manure in the expanded portion of the EMS 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 EMS expansion prior to December 31, 2027. Upon request, this deadline may be extended by the NRCB in writing.

Operating conditions

9. The co-permit holders shall sample and test raw groundwater on an annual basis, from water well IDs 2088980 and 275663, 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 RA24004 Water Well Monitoring Requirements)
10. The co-permit holders shall maintain the mounded and compacted soil around water well 275663. The soil must be high enough to prevent any surface water from reaching the well and prevent water from ponding around the well.
11. The operator must maintain the flood prevention plan for the creek on the NW 23-42- 27 W4.

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

Authorizations RA17057A, RA08004 and RA06026, and Approval RA11060 are hereby superseded, and their content consolidated into this Approval RA24004, unless Approval RA24004 is held invalid following a review and decision by the NRCB's board members or by a



court, in which case Authorizations RA17057A, RA08004 and RA06026, and Approval RA11060 will remain in effect.

June 4, 2025

(Original signed)

Sarah Neff
Approval Officer

Approval RA24004 – Appendix

Existing permitted facilities

Facility	Dimensions (m)	From
Dairy barn addition	12.2 m x 36 m x 2.6 m deep pits	Authorization RA17057A
Renovation of former holding area into free stalls with scrape alley	15 m x 15 m	Authorization RA17057A
Renovation of former parlour into a calf pen	10 m x 10 m	Authorization RA17057A
Milking cow barn -holding area - return alley	46.5 m x 35.5 m 15 m x 6 m 22.5 m x 3.6 m	Approval RA11060
Liquid manure pit 1	64 m x 3 m x 2.4 m deep	Approval RA11060
Liquid manure pit 2	12 m x 2.4 m x 1.2 m deep	Approval RA11060
Calf pens	8.5 m x 4 m	Authorization RA08004
Run off control catch basin	25 m x 15 m x 1.5 m deep	Authorization RA06026
Corral area and attached heifer shed	86 m x 35 m and 45 m x 10 m	Registration RA05015
Dairy barn extension	20 m x 21 m	Registration RA05015
Maternity pen area	20 ft. x 48 ft.	Authorization RA04012
Liquid Earthen Manure Storage (EMS)	80 m x 37 m x 4.0 m	Authorization RA02040X

Construction conditions (previously met conditions from RA17057A)

Dairy barn addition

1. Concrete

- a. The concrete used to construct the liner of the pits must meet the specification for category B (liquid manure – shallow pits) in Technical Guideline Agdex 096-93 “Non-Engineered Concrete Liners for Manure Collection and Storage Areas.” The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.
- b. The concrete used to construct the floor (manure collection liner) in the dairy barn addition must be sulphate resistant, have a minimum 28-day strength of 25 MPa, and have a maximum water to cement ratio of 0.55. The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 3 below, or by a later date stated by the NRCB.

2. Construction completion deadline

The permit holder shall complete construction of the manure collection and storage portions of the dairy barn addition prior to November 30, 2020. Upon request, this deadline may be extended by the NRCB in writing.

3. Post construction inspection

The permit holder shall not place livestock or manure in the dairy barn addition until the NRCB has inspected the dairy barn addition and stated in writing that it has been constructed in accordance with this authorization.

Renovation of the former holding area into free stalls with a scrape alley

4. Concrete

- a. The concrete used to construct the new scrape alley must be sulphate resistant, have a minimum 56-day strength of 30 MPa, and have a maximum water to cement ratio of 0.5. The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 6 below, or by a later date stated by the NRCB.
- b. The concrete used to construct the floor (manure collection liner) in the new free stalls must be sulphate resistant, have a minimum 28-day strength of 25 MPa, and have a maximum water to cement ratio of 0.55. The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 6 below, or by a later date stated by the NRCB.

5. Construction completion deadline

The permit holder shall complete construction of the manure collection and storage portions of the renovated portion of the former holding area prior to November 30, 2020. Upon request, this deadline may be extended by the NRCB in writing.

6. Post construction inspection

The permit holder shall not place livestock or manure in the renovated portions of the new scrape alley and free stalls until the NRCB has inspected them and stated in writing that they have been constructed in accordance with this authorization.

Renovation of the former parlour into a calf pen

7. Concrete

The concrete used to construct the floor (manure collection liner) in the new calf pen must be sulphate resistant, have a minimum 28-day strength of 25 MPa and a maximum water to cement ratio of 0.55. The permit holder shall provide proof to the NRCB to confirm the specifications of the concrete used in the construction. This document must be provided to the NRCB prior to the inspection referenced in condition 9 below, or by a later date stated by the NRCB.



8. Construction completion deadline

The permit holder shall complete construction of the manure collection and storage portions of the new calf pen prior to November 30, 2020. Upon request, this deadline may be extended by the NRCB in writing.

9. Post construction inspection

The permit holder shall not place livestock or manure in the new calf pen until the NRCB has inspected it and stated in writing that it has been constructed in accordance with this authorization.

Construction conditions (previously met conditions from RA11060)

1. New milking cow barn, holding area and return alley
 - a. Construction of the manure collection and storage portions of the new milking cow barn, holding area and return alley must be completed prior to November 30, 2015, unless otherwise agreed upon in writing by the NRCB.
 - b. The manure storage portion of the new milking cow barn, holding area and return alley must be inspected by NRCB personnel prior to animals or manure being placed in the new milking cow barn.
2. Liquid manure pit 1
 - a. If the water table is encountered and causes or creates construction problems or delays during construction of liquid manure pit 1, construction must cease in the problem construction area and the NRCB must be notified immediately.
 - b. Construction of the liquid manure pit 1 must be completed prior to November 30, 2015, unless otherwise agreed upon in writing by the NRCB.
 - c. The manure storage portion of liquid manure pit 1 must be inspected by NRCB personnel after construction.
3. Liquid manure pit 2
 - a. Construction of the liquid manure pit 2 must be completed prior to November 30, 2015, unless otherwise agreed upon in writing by the NRCB.
 - b. The manure storage portion of liquid manure pit 2 must be inspected by NRCB personnel after construction.

Construction conditions (previously met conditions from RA08004)

1. Construction Completion
 - a. Construction of the manure collection and storage portions of the calf pens must be completed prior to November 30, 2010, unless otherwise agreed upon by the NRCB.
2. Inspections
 - a. The manure storage portion of the calf pens must be inspected by NRCB personnel prior to animals or manure being placed in the new calf pens.



Construction conditions (previously met conditions from RA06026)

1. Miscellaneous
 - a. If the water table is encountered and causes or creates construction problems or delays during construction of the new runoff control catch basin, construction must cease in the problem construction area and the NRCB must be notified immediately.
2. Completion Reports
 - a. A completion report confirming the runoff control catch basin liner material and construction procedures, prepared by a professional engineer, must be provided to the NRCB after the runoff control catch basin has been constructed. The completion report must include: - Density test results of the runoff control catch basin liner. - Verification of the runoff control catch basin liner thickness. - Verification that the liner material used is the same material that was submitted for hydraulic conductivity testing.
3. Construction Completion
 - a. Construction must be completed by October 31, 2008.
4. Inspections
 - a. The new runoff control catch basin must be inspected by NRCB personnel after the completion of construction.
 - b. The applicant must provide the Approval Officer a minimum of 10 working days notice prior to the applicant's desired completion inspection.