



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

In consideration of Decision Summary BA22005, Approval BA22005 is issued to:

Name: Hazel Bluff Dairy Ltd. and Petrus Sturkenboom and Carina Sturkenboom
(the “co-permit holders”)
Address: RR #1, Westlock AB T7P 2N9
Contact person: Peter and Carina Sturkenboom

Permitted construction (based on the submitted site plan):

- EMS – 92 m x 53 m x 6.9 m

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

- West heifer shed – 12 m x 61 m
- West pen attached to heifer shed – 52 m x 77 m
- North dairy barn – 32 m x 128 m
- Addition to south dairy barn – 40 m x 61 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 applications 84-890, 94-104-WES, 98-074, Authorization BA05003, and Approval BA22005, 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 condition 2.

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

Construction conditions

Earthen manure storage (EMS)

1. Construction completion deadline

The co-permit holders shall complete construction of the EMS prior to November 15, 2023. Upon request, this deadline may be extended by the NRCB in writing.

If the deadline is requested to be extended, the request must include a manure management plan detailing how manure will be managed to prevent manure being spread on snow covered or frozen land.



2. Post construction inspections

The co-permit holders shall not place manure in the EMS until the NRCB has inspected the facility and stated in writing that it has been constructed in accordance with this Approval.

Operating conditions

3. Water Well Testing Reporting (carried forward from Authorization BA05003 as explained in Decisions Summary Appendix F)

The co-permit holders shall sample and test raw groundwater, according to water well monitoring requirements prescribed by the NRCB in writing. The NRCB may, based on the monitoring results and at its discretion, revise those requirements from time to time, in writing. (See BA22005 Water Well Monitoring Statement)

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

84-890, 94-104-WES, 98-074, and Authorization BA05003 are hereby superseded, and their content consolidated into Approval BA22005, unless Approval BA22005 is held invalid following a review and decision by the NRCB's board members or by a court, in which case the old permits will remain in effect.

June 22, 2023

(Original signed)

Nathan Shirley
Approval Officer



Approval BA22005 – Appendix

Existing permitted facilities

Facility	Dimensions (m)	From Permit
South dairy barn	152 m x 22 m	Municipal Permits
Calf barn	16 m x 12 m	Municipal Permits
East heifer shed and pen	80 m x 50 m	Municipal Permits
EMS (to be replaced with new EMS)	52 m x 38 m	Municipal Permits
Parlour and Calf barn (attached to South dairy barn)	32.85 m x 21.3 m	Authorization BA05003

Construction conditions (brought forward from Authorization BA05003)

3. Completion Reports

i) The applicant must provide a completion report signed by a qualified third party verifying the barn floor, sump and gutters were constructed according to the submitted plans.

4. Concrete Manure Storage - Floors and Gutters

i) The concrete used to construct the manure storage and collection system in the barn must have a minimum 56-day strength of 30 MPa and a maximum water to cement ration of 0.45. A copy of the concrete supplier's invoice must be provided to confirm the concrete specifications.

ii) All joints in the floors and walls of the manure storage or in-barn pits are to be sealed so as to be considered 'watertight'.

5. Construction Completion

i) Construction must be completed by June 30, 2006.

6. Inspections

i) Manure storage and collection structures must be inspected by NRCB personnel prior to livestock or manure being allowed to use these new facilities.

ii) The applicant must provide the Approval Officer a minimum of 10 working days notice prior to the applicant's desired completion inspection