
In consideration of Decision Summary RA20011, Authorization RA20011 is issued to:

Name: Pilgrim Dairy Ltd. (the “permit holder”)
Address: RR3 Ponoka AB T4J 1R3
Contact person: Poul de Gier

Permitted construction (based on the submitted site plan):

- Circular Earthen Liquid Manure Storage (EMS, 68 m diameter and 5 m deep)

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 contained in the filed application, together with the site plan, building plans, engineering report and other attached documents, unless otherwise noted in the following conditions.

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 four below.

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

New EMS construction conditions

1. Construction above the water table
The permit holder shall immediately cease construction of the new EMS and contact the NRCB if the water table is observed to be one metre or less from the bottom of the new EMS’s liner at the time of construction.
2. Liner requirement
The permit holder shall provide the NRCB with a written construction completion report for the new EMS. The report must be stamped and signed by a “professional engineer,” as defined in the Standards and Administration Regulation, and must confirm that the new EMS:
 - was constructed under the supervision of an engineer
 - was constructed of the same liner material as that used for hydraulic conductivity testing
 - that the inlet is located in the lower quarter of the facility
 - has the proposed horizontal and vertical dimensions including elevations above and below grade, berm heights, and side slopes
 - is in the same location as proposed
 - has a liner that is at least 1.1 metres thick
 - was constructed in accordance with the specifications stated in Envirowest Engineering’s Site and Soil Assessment Liquid EMS Design report (project 1911-424409; July 8, 2020).

This document must be provided to the NRCB prior to the inspection referenced in condition 4, or by a later date stated in writing by the NRCB.

3. Construction completion deadline
The permit holder shall complete the construction of the new EMS prior to November 30, 2023. Upon written request, this deadline may be extended by the NRCB in writing.
4. Post construction inspection
The permit holder shall not place manure in the new EMS until the NRCB have inspected it and stated in writing that it has been constructed in accordance with the terms and conditions of this permit.

Existing EMS decommissioning conditions

5. Within one year of the new circular EMS being constructed and approved for use in writing by the NRCB, the permit holder shall decommission the existing EMS. The decommissioning must be completed in accordance with the requirements of Technical Guideline Agdex 096-90, "Closure of Manure Storage Facilities and Manure Collection Areas".
6. The permit holder shall provide the NRCB with a completed copy of the Manure Storage/Collection Area Closure worksheet referenced in Agdex 096-90 for the existing EMS. This completed worksheet must be provided to the NRCB within a month of the decommissioning noted in the previous condition, or by a later date stated by the NRCB in writing.

This authorization becomes effective immediately and needs to be read in conjunction with the deemed registration and NRCB issued Registration RA05051 and Authorization RA14021. This authorization's conditions will remain in effect unless amended in writing by the NRCB.

September 30, 2020

(Original Signed)
Jeff Froese
Approval Officer