



# Work Submitted by Professional Engineers

# Fact Sheet

## Application requirements

- Liners designed for manure collection areas and storage facilities must meet the performance requirements set out by section 9 of the Standards and Administration Regulation of the *Agricultural Operation Practices Act* (AOPA).
- Information that must be submitted as part of an AOPA application is explained in the guide NRCB Application Process. The guide was developed by the NRCB and Agriculture and Forestry to help applicants, consultants and professional engineers understand how an application for an AOPA permit is reviewed and processed.
- This fact sheet clarifies the responsibilities of professional engineers and NRCB approval officers for the design and approval of engineering plans for liners for manure collection areas and storage facilities.

## Approval officer responsibilities

- Approval officers are responsible for determining whether applications submitted under AOPA meet the requirements of the legislation.
- Approval officers will:
  - be available to explain or discuss information requirements with the applicant and/or a professional engineer retained by the applicant to clarify what information must be submitted to support an application made under AOPA.
  - determine the applicable standards to be met and the information to be submitted by the professional engineer as part of an AOPA application.
  - determine if the information submitted by the professional engineer meets the requirements of AOPA.
  - advise consulting engineers and their clients of any errors, omissions or inconsistencies in the information they submitted to support an AOPA application.

- provide professional engineers with the opportunity to address any errors or omissions in information they have provided.
- not re-engineer work submitted by professional engineers.
- recognize that there may be more than one way to design an aspect of a confined feeding operation to meet AOPA requirements.

## Professional engineer responsibilities

- Professional engineers who are engaged by applicants are responsible for providing information to support their client's application under AOPA.

## Design and AOPA application stage

- The professional engineer is responsible for:
  - ensuring that their design meets their client's requirements and that their client understands the design and any implications it might have on their confined feeding operation.
  - ensuring that the design addresses AOPA requirements. If the engineer is uncertain about the AOPA requirements, the engineer is responsible for contacting an NRCB approval officer, who will help determine the requirements.
  - providing sufficient information to clearly explain how their design meets or exceeds all relevant and applicable requirements of the legislation.
  - providing the actual design to be included in the applicant's application.
  - ensuring the information submitted to the NRCB is consistent with their design and the AOPA application.

## Construction stage (only if required)

- The professional engineer is responsible for:
  - ensuring that all construction is carried out in accordance with the permitted requirements.

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- carrying out all testing and quality control work required to verify that the approved construction standards are met.
- ensuring that the NRCB is notified before any changes are made to the permitted construction.

## Post-construction report (only if required)

- The professional engineer is responsible for providing a post-construction completion report, verifying that construction was carried out in accordance with the approved permit.
- The report must include all information necessary to verify that the construction meets the requirements of the permit. This should include any test results, dimensions, etc. that are either a required part of a condition or that are undertaken by the professional engineer to verify their assessment.

## Further information

- Professional engineers and applicants may obtain further information by contacting an NRCB approval officer at an NRCB field office.

### NRCB field offices:

Morinville	780-939-1212
Red Deer	403-340-5241
Airdrie	403-340-5241
Lethbridge	403-381-5166

Dial 310-0000 to be connected toll free.

Fact sheets and other NRCB publications are available at [www.nrcb.ca](http://www.nrcb.ca).

Updated January 19, 2016  
Office contacts updated February 12, 2018  
Office contacts updated October 1, 2023