

Technical Document RA22003B



NRCB Natural Resources Conservation Board

Application for Amendment

Application under the *Agricultural Operation Practices Act* to amend a permit for a confined feeding operation, manure collection area and/or manure storage facility(ies). ("Permit" means an NRCB-issued or grandfathered approval, registration, or authorization, including a grandfathered municipal development permit.)

NRCB USE ONLY	NRCB Application number	Date Stamp
<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Registration <input type="checkbox"/> Authorization	RA22003B	NRCB APPLICATION 28 MAR 2025 RECEIVED
Amendment		

CONTACT INFORMATION

Applicant Information		
Name:	Corporate Name (if applicable)	
Nick + Barry Buter	Buter Farms.	
Address: (Street/P.O. Box)	RR #2 Range Road 263.	
City/Town:	Province:	Postal Code:
Lacombe	AB	T4L 2N2.
Agent consent (if applicable)		
I, _____, hereby give consent for _____ (name of applicant) (name of agent and company)		
to act on my behalf or as my agent for this application.		
Signed this ____ day of _____, 20____.		
Signature of Applicant		

LOCATION OF DEVELOPMENT

Which permit do you wish to amend? (List permit number and issuing agency.)	RA 22003A.
Legal Land Description(s)	SW 27-39-26-W4. (Qtr-Sec-Twp-Rg-W Mer)

APPLICATION DISCLOSURE

This information is collected under the authority of the *Agricultural Operation Practices Act (AOPA)*, and is subject to the provisions of the *Freedom of Information and Protection of Privacy Act*. This information is public unless the NRCB grants a written request that certain sections remain private.

Any construction prior to obtaining an NRCB permit is an offence and is subject to enforcement action, including prosecution.

I, the applicant, or applicant's agent, have read and understand the statements herein and acknowledge that the information provided in this application is true to the best of my knowledge.

2025 - march 10
Date of signing
Buter Farms.
Corporate name (if applicable)

[Redacted Signature]
Signature
Nick Buter
Print name

Application for Amendment – contd.

AMENDMENT INFORMATION REQUIREMENTS

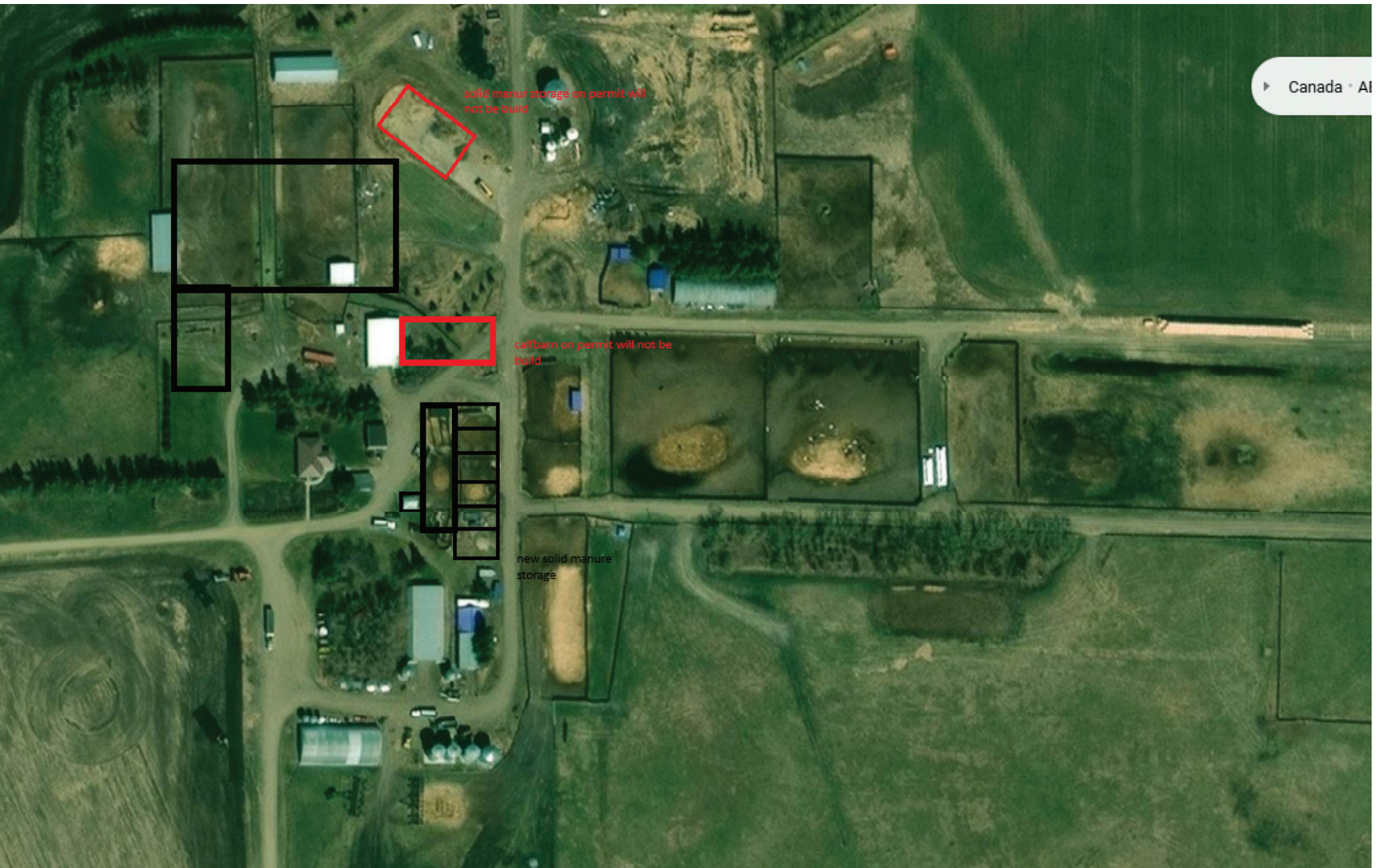
Instructions:

For each part of your permit that you would like amended, please detail what change you would like made and why, and how your proposed change will meet the AOPA requirements. You may attach additional pages to this form to provide this information.

Please note that an approval officer may require a page (or pages) of the Part 2 application forms to be completed as part of this application for amendment, depending on what changes are proposed.

- * We want to build a calf/heifer barn on another location than in the original permit. we like to build it a little south of it and make it with attached pens so the heifers have more space. (shown on the map).
- * We also want to build the solid manure storage next to this barn. so not on the place in the original permit. (see map)

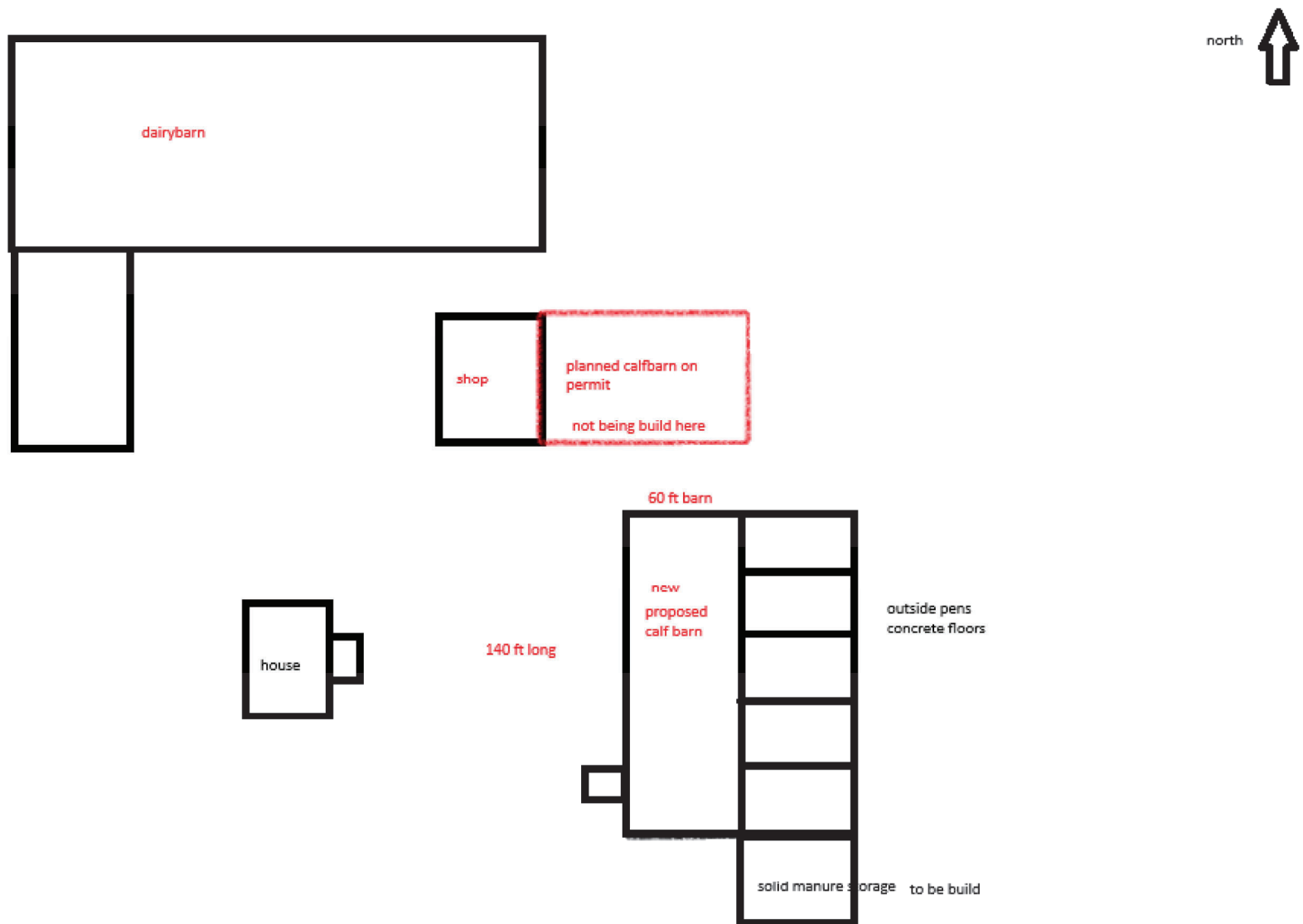
Approval Officer Comments: The application is to modify the location and dimensions of the approved, and not yet constructed, calf barn and heifer shed and the solid manure pad, and combine the calf barn and heifer shed as a calf/heifer barn (with outside pens). Final dimensions of the calf /heifer barn (with outside pens) are 42.7 m x 18.3 m and 42.7 m x 10 m, and the solid manure pad will be 18 m x 10 m. No additional animal numbers or manure production are proposed with this application



solid manure storage on permit will
not be build

calfbarn on permit will not be
build

new solid manure
storage



Part 2 — Technical Requirements

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner

(complete a copy of this section for **EACH** barn, feedlot, and storage facility for solid manure, composting materials, or compost with a concrete liner)

Facility description / name (as indicated on site plan) 1. calf/Heifer barn.
2. _____

Manure storage capacity

	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRCB USE ONLY Estimated storage capacity (m ³)
1.	42 ⁷⁰	18 ³⁰	—	
2.	42 ⁷⁰	10	—	
TOTAL CAPACITY				

Barn
outside
pens.

☐ I plan to use a short-term solid manure storage (STMS) as part of my manure storage and handling plan for this CFO. The AOPA requirements for STMS are set out in the NRCB [Short-Term Solid Manure Storage Requirements Fact Sheet](#).

Surface water control systems

Describe the run-on and runoff control system

Run off will be directed to Manure storage area via slopes and concrete barriers.

Liner protection

Describe how the physical integrity of the liner will be maintained

Inspect and repair as needed

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO

Part 2 – Technical Requirements

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner (cont.)

Concrete liner details

Concrete thickness <u>6"</u>	Method of sulphate protection: <u>Type 50</u>
Concrete strength <u>30 mpa</u>	Concrete reinforcement size and spacing <u>18"</u>

Concrete requirements can be found in Technical Guideline Agdex 096-93

Guideline minimums:

Solid manure: 25MPa (D)

Solid manure (wet): 30MPa (C)

Method of sulphate protection:

Type 50 or Type 10 with fly ash or equivalent

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO

Condition required: ☒ YES ☐ NO

Report attached: ☐ YES ☒ NO

Additional information *(attach as required)*

NRCB USE ONLY

Nine month manure storage volume requirements met ☒ YES ☐ YES With STMS ☐ NO

Depth to water table: 6.3 m Requirements met: ☒ YES ☐ NO

Depth to Uppermost groundwater resource: 23.8 m Requirements met: ☒ YES ☐ NO

ERST completed: ☒ see ERST page for details

Surface water control systems

Requirements met: ☐ YES ☒ NO Details/comments:

A condition will be included in the approval requiring the permit holders to provide written proof that the concrete liners meet the regulation requirements

Concrete liner details

Part 2 – Technical Requirements

Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner

(complete a copy of this section for **EACH** barn, feedlot, and storage facility for solid manure, composting materials, or compost with a concrete liner)

Facility description / name (as indicated on site plan)

1. Solid manure storage
2. _____

Manure storage capacity

	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRCB USE ONLY Estimated storage capacity (m ³)
1.	18	7-10	—	
2.				
TOTAL CAPACITY				

^{also}
☒ I plan to use a short-term solid manure storage (STMS) as part of my manure storage and handling plan for this CFO. The AOPA requirements for STMS are set out in the NRCB [Short-Term Solid Manure Storage Requirements Fact Sheet](#).

Surface water control systems

Describe the run-on and runoff control system

Run off will be directed to Manure storage area via slopes and concrete barriers. Grade beyond building site to eliminate runoff to and from manure areas.

Liner protection

Describe how the physical integrity of the liner will be maintained

Inspect and repair as needed

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO

Part 2 — Technical Requirements

Application under the *Agricultural Operation Practices Act* for a confined feeding operation, manure collection area and/or manure storage facility(ies)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner (cont.)

Concrete liner details

Concrete thickness 6"	Method of sulphate protection: Type - 50
Concrete strength 30 mpa.	Concrete reinforcement size and spacing 18"

Concrete requirements can be found in Technical Guideline Agdex 096-93

Guideline minimums:
Solid manure: 25MPa (D)
Solid manure (wet): 30MPa (C)
Method of sulphate protection:
Type 50 or Type 10 with fly ash or equivalent

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO
Condition required: ☒ YES ☐ NO
Report attached: ☐ YES ☒ NO

Additional information *(attach as required)*

NRCB USE ONLY

Nine month manure storage volume requirements met ☒ YES ☐ YES With STMS ☐ NO
Depth to water table: 6.3m Requirements met: ☒ YES ☐ NO
Depth to Uppermost groundwater resource: 23.8m Requirements met: ☒ YES ☐ NO
ERST completed: ☒ see ERST page for details

Surface water control systems

Requirements met: ☒ YES ☐ NO Details/comments:

Concrete liner details

A condition will be included in the approval requiring the permit holders to provide written proof that the concrete liners meet the regulation requirements

Leakage detection system required: ☐ YES ☒ NO If yes, please explain why.