

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)

| | | |
|---|--------------------------------------|--|
| NRCB USE ONLY | Application number <u>RA25024</u> | Legal land description <u>NE 3-39-6 W5M</u> |
| <input checked="" type="checkbox"/> Approval <input type="checkbox"/> Registration <input type="checkbox"/> Authorization <input type="checkbox"/> Amendment | | |

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 above, and I acknowledge that the information provided in this application is true to the best of my knowledge.

| | |
|------------------------------------|--------------------------|
| <u>MARCh 25 - 2025</u> | |
| Date of signing | Signature |
| <u>DeBruyn Cattle Company Ltd.</u> | <u>Hendri Hondebrink</u> |
| Corporate name (if applicable) | Print name |

GENERAL INFORMATION REQUIREMENTS

Proposed facilities: list all proposed confined feeding operation facilities and their dimensions. Indicate whether any of the proposed facilities are additions to existing facilities. (attach additional pages if needed)

| Proposed facilities | Dimensions (m) (length, width, and depth) |
|---------------------|--|
| Dry Cow Barn | 51.82m x 16.46m |
| | |
| | |
| | |
| | |

Existing facilities: list ALL existing confined feeding operation facilities and their dimensions

| Existing facilities | Dimensions (m) (length, width, and depth) | NRCB USE ONLY |
|-------------------------------------|--|---------------|
| Shop (ancillary structure) | 30.48m x 30.48m | |
| Dairy Barn | 40.2m x 24.4m | |
| Robot Area (attached to dairy barn) | 24.4m x 24.4m | |
| NRCB USE ONLY | | |

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)

DECLARATION AND ACKNOWLEDGMENT OF APPLICANT CONCERNING WATER ACT LICENCE

issued by Alberta Environment and Protected Areas (EPA) for a confined feeding operation (CFO)

Date and sign one of the following four options

OPTION 1: Applying through the NRCB for both the AOPA permit and the Water Act licence

I **DO** want my water licence application coupled to my AOPA permit application.

Signed this ____ day of _____, 20____.

Signature of Applicant or Agent

OPTION 2: Processing the AOPA permit and Water Act licence separately

1. I (we) acknowledge that the CFO will need a new water licence from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. I (we) request that the NRCB process the AOPA application **independently of** EPA's processing of the CFO's application for a water licence.
3. In making this request, I (we) recognize that, if this AOPA application is granted by the NRCB, the NRCB's decision will not be considered by EPA as improving or enhancing the CFO's eligibility for a water licence under the *Water Act*.
4. I (we) acknowledge that any construction or actions to populate the CFO with livestock pursuant to an AOPA permit in the absence of a *Water Act* licence will **not** be relevant to EPA's consideration of whether to grant the *Water Act* licence application.
5. I (we) acknowledge that any such construction or livestock populating will be at the CFO's sole risk if the *Water Act* licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the *Water Act*. This risk includes being required to depopulate the CFO and/or to cease further construction, or to remove "works" or "undertakings" (as defined in the *Water Act*).
6. **AS RELEVANT:** I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the *Bow, Oldman and South Saskatchewan River Basin Water Allocation Order* [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.
7. **Provide:** Water licence application number(s) License #00399737-00-00 Reg# 00177640-00-00

Signed this 21 day of MARCH, 2025.

Signature of Applicant or Agent

OPTION 3: Additional water licence not required

1. I (we) declare that the CFO will not need a new licence from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. **Provide:** Water license number(s) or water conveyance agreement details _____

Signed this ____ day of _____, 20____.

Signature of Applicant or Agent

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

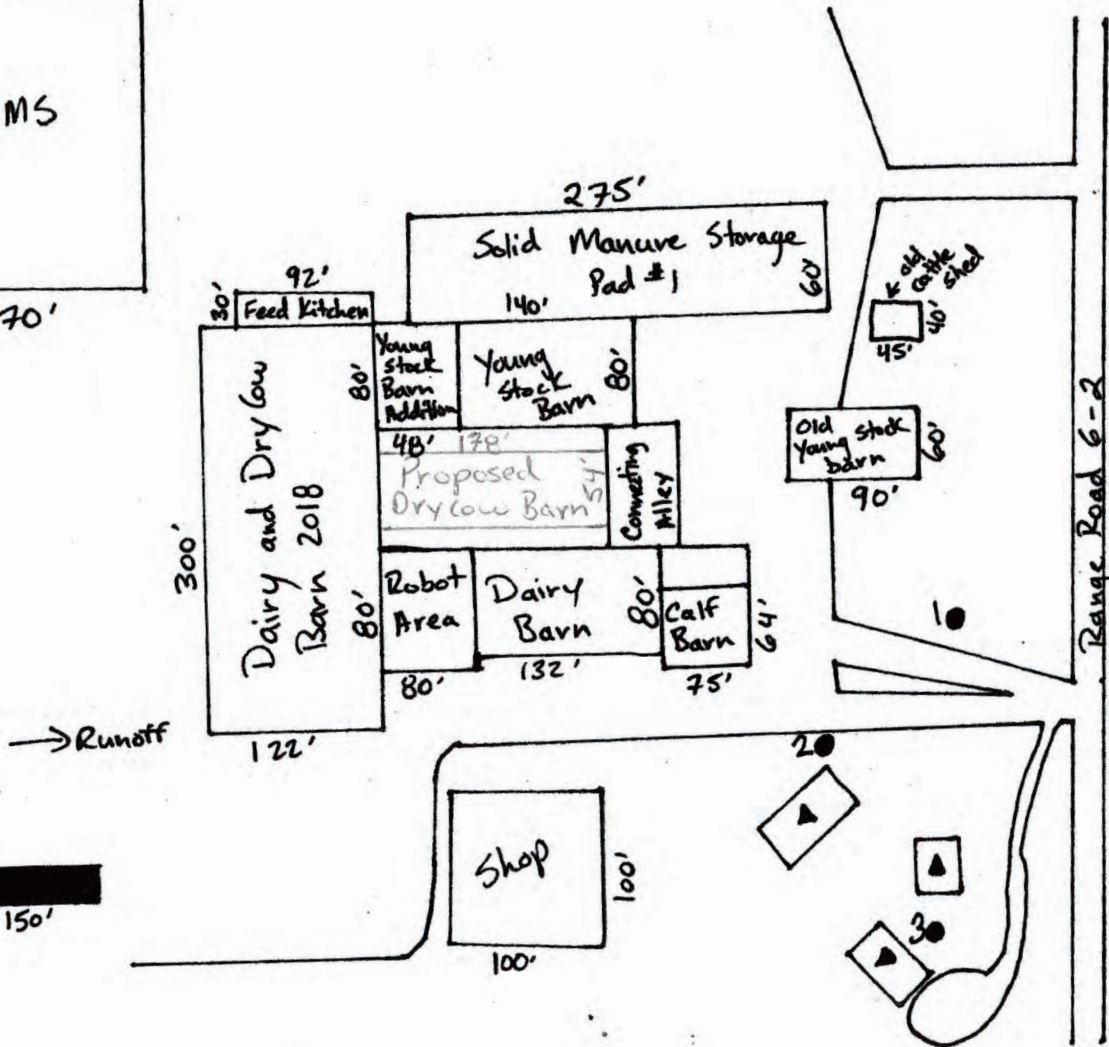
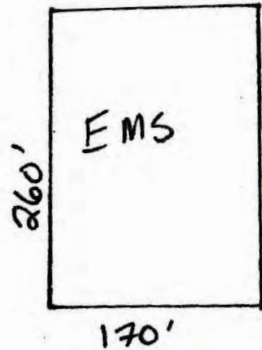
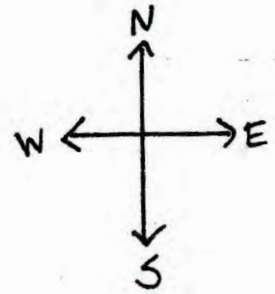
OPTION 4: Uncertain if *Water Act* licence is needed; acknowledgement of risk (for existing CFOs only)

1. At this time, I (we) do not know whether a new water licence is needed from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. If a new *Water Act* licence is needed, I (we) request that the NRCB process the AOPA application **independently of** EPA's processing of the CFO's application for a water licence.
3. In making this request, I (we) recognize that, if this AOPA application is granted by the NRCB, the NRCB's decision will not be considered by EPA as improving or enhancing the CFO's eligibility for a water licence under the *Water Act*.
4. I (we) acknowledge that any construction or actions to populate the CFO with additional livestock pursuant to an AOPA permit in the absence of a *Water Act* licence will **not** be relevant to EPA's consideration of whether to grant my *Water Act* licence application, if a new water licence is needed.
5. I (we) acknowledge that any such construction or livestock increase will be at the CFO's sole risk if the *Water Act* licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the *Water Act*. This risk includes being required to depopulate the CFO and/or to cease further construction, or to remove "works" or "undertakings" (as defined in the *Water Act*).
6. **AS RELEVANT:** I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the *Bow, Oldman and South Saskatchewan River Basin Water Allocation Order* [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.
7. **Provide:** Water license number(s) or water conveyance agreement details _____

Signed this ____ day of _____, 20____.

Signature of Applicant or Agent

Old young stock barn
 no longer holds livestock.
 It is used as shop space
 for parking equipment.

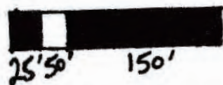


Legend

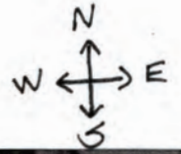
- water well
- ▲ Residence
- Building

Wells

1. ID 456021 (1988)
2. ID 456022 (1968)
3. ID ~~456022~~ (2008)
1065662



Clear water County NE-3-39-6-WS



- Legend
- - Residence
 - - Spreadable Acres

→
General run off to the East

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

GENERAL ENVIRONMENTAL INFORMATION

(complete this section for the worst case of the existing facility which is the closest to water bodies or water wells and for each of the proposed facilities)

Facility description / name *(as indicated on site plan)*

Existing: All Existing Buildings Proposed 1: Dry Cow Barn
 Proposed 2: _____ Proposed 3: _____

| Facility and environmental risk information | | Facilities | | | | NRCB USE ONLY | |
|---|--|--|--|---|--|---|----------|
| | | Existing | Proposed 1 | Proposed 2 | Proposed 3 | Meets requirements | Comments |
| Flood plain information | What is the elevation of the floor of the lowest manure storage or collection facility above the 1:25 year flood plain or the highest known flood level? | <input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m | <input checked="" type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m | <input type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m | <input type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |
| | How many springs are within 100 m of the manure storage facility or manure collection area? | 0 | 0 | | | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |
| Surface water information | How many water wells are within 100 m of the manure storage facility or manure collection area? | 3 | 3 | | | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |
| | What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal) | 277m | 280m | | | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |
| Groundwater information | What is the depth to the water table? | | 2.8m | | | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |
| | What is the depth to the groundwater resource/aquifer you draw water from? | 2.7m | 2.7m | | | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption | |

Additional information (attach supporting information, e.g. borehole logs, records, etc. you consider relevant to your application)

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DISTANCE OF ANY MANURE STORAGE FACILITY (EXISTING OR PROPOSED) TO NEIGHBOURING RESIDENCES

| Neighbour name(s) | Legal land description | Distance (m) | NRCB USE ONLY | | | | |
|--------------------------|------------------------|--------------|-----------------------|--------------------|--------------|-------------------------------|-------------------|
| | | | Zoning (LUB) category | MDS category (1-4) | Distance (m) | Waiver attached (if required) | Meets regulations |
| Walter Skrocki | NW-2-39-6-WS | 123 m | | | | | |
| Pick + Marilyn Leinweber | NW-2-39-6-WS | 279 m | | | | | |
| Willie + Ilonka Geverink | SE-10-39-6-WS | 365 m | | | | | |
| Willie + Ilonka Geverink | NE-3-39-6-WS | 297 m | | | | | |
| | | | | | | | |

LAND BASE FOR MANURE AND COMPOST APPLICATION (complete only if an increase in livestock or manure production will occur)

| Name of land owner(s)* | Legal land description | Usable area** (ha) | Soil zone *** | NRCB USE ONLY | |
|------------------------|------------------------|--------------------|---------------|------------------|----------------------------------|
| | | | | Usable area (ha) | Agreement attached (if required) |
| DeBruyn Cattle Co. | N-3-39-6-WS | 105.16 | Grey wooded | | |
| DeBruyn Cattle Co. | S-3-39-6-WS | 113.20 | Grey wooded | | |
| DeBruyn Cattle Co. | SE-10-39-6-WS | 56.6 | Grey wooded | | |
| DeBruyn Cattle Co. | SW-2-39-6-WS | 43 | Grey wooded | | |
| Walter Skrocki | NW-2-39-6-WS | 55 | Grey wooded | | |
| | | | Total | | |

* If you are **not** the registered landowner, you must attach copies of land use agreements signed by all landowners.

** Available manure spreading area (excluding setback areas from residences, common bodies of water, water wells, etc. as identified in Agdex 096-5 [Manure Spreading Regulations](#))

*** Brown, dark brown, black, grey wooded, or irrigated

Additional information (attach any additional information as required)

Minimum Distance Separation (MDS) Waiver (declaration)

Applicant information

NRCB application number: RA25024

Operator/operation name: DeBruyn Cattle Company Ltd.

Address: RR#1 Rocky Mountain House, AB T4T 2A1 Postal Code: T4T 2A1

Legal land location of confined feeding operation: NE-3-39-6-WS

I have requested the residence owner(s) named below to waive the required minimum distance separation (MDS) to their residence for the *Agricultural Operation Practices Act* (AOPA) permit application identified above. In making this request, I have provided the owner(s) with an opportunity to review my permit application and a copy of the Natural Resources Conservation Board (NRCB) Fact Sheet "Minimum Distance Separation (MDS) Waivers" available on the NRCB website at www.nrcb.ca. I have also explained:

- The MDS requirement set out in section 3 of the Standards and Administration Regulation of AOPA. I have advised the owner(s) that section 3(6)(a) of the Standards and Administration Regulation allows this requirement to be waived by the owners of residences, if they agree in writing to grant a waiver;
- That my proposed development does not meet the required MDS to the owner's residence; and,
- That this waiver applies only to this application as described. An increase in livestock capacity, annual manure production, level of odour production, change to the site plan or change to a facility that would increase the MDS would require a new waiver.

Following is a summary of the proposed development:

- The current scope of my confined feeding operation (CFO), including the type, number, and category of livestock, if any, is:

Dairy Cattle, 199 milking cows with associated
drys and young stock

- My application for a new AOPA permit proposes the following changes to the existing livestock category, type and/or capacity at my CFO:

We would like to increase our capacity to
300 milking cows with associated drys and young stock

- The proposed new CFO facility(ies), or changes to the existing CFO facilities, including manure storage, manure storage volume and any other pertinent details, if any, are (attach a site layout plan if available):

We will be adding a section to the barn
to house dry cows.

I the applicant understand that the waiver is not valid unless ALL registered owners of the residence sign this document.

Permit Applicant: _____

Signature

Date: MARCH 21 - 2025

Residence owner(s) to initial: AK ME

Minimum Distance Separation (MDS) Waiver (declaration)

Residence owner(s) information

ALL Names on land title: RICK G. LEINWEBER MARILYN LEINWEBER.

SW 10-3

Legal land location of residence(s): NW-2-39-6-W5

Telephone number(s)¹ [REDACTED] Email address(es)¹: [REDACTED]

Address(es)¹ and Postal code(s)¹: [REDACTED]

¹ Please note that personal contact information is for NRCB use ONLY and not publicly released

I am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:

- I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";
- I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);
- I/we understand that the application **does not** meet the MDS requirement to my/our residence(s), under the *Agricultural Operation Practices Act (AOPA)*;
- **I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;**
- **I/we are not obligated to waive the MDS requirement to our residence(s);**
- I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and
- I/we understand that this waiver is a public document.

Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to

Application number RA 25024

[REDACTED SIGNATURE] [REDACTED SIGNATURE]

Signatures of all residence owner(s) on title

RICK LEINWEBER Marilyn Leinweber

Printed names of all residence owner(s) on title

Date: MARCH 25, 2025

Minimum Distance Separation (MDS) Waiver (declaration)

Applicant information

NRCB application number: RA25024

Operator/operation name: DeBruyn Cattle Company Ltd.

Address: RR#1 Stn Main Rocky Mtn. Hse, AB Postal Code: T4T 2A1

Legal land location of confined feeding operation: NE-3-39-6-WS

I have requested the residence owner(s) named below to waive the required minimum distance separation (MDS) to their residence for the *Agricultural Operation Practices Act* (AOPA) permit application identified above. In making this request, I have provided the owner(s) with an opportunity to review my permit application and a copy of the Natural Resources Conservation Board (NRCB) Fact Sheet "Minimum Distance Separation (MDS) Waivers" available on the NRCB website at www.nrcb.ca. I have also explained:

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- My application for a new AOPA permit proposes the following changes to the existing livestock category, type and/or capacity at my CFO:

We would like to increase our capacity to 300 milking cows with associated dries and young stock.

- The proposed new CFO facility(ies), or changes to the existing CFO facilities, including manure storage, manure storage volume and any other pertinent details, if any, are (attach a site layout plan if available):

We will be adding a section to the barn to house dry cows.

I the applicant understand that the waiver is not valid unless ALL registered owners of the residence sign this document.

Permit Applicant: _____

Signature

Date: MARCH 24 - 2025

Residence owner(s) to initial: _____

JG WG

Minimum Distance Separation (MDS) Waiver (declaration)

Residence owner(s) information

ALL Names on land title: Ietje Ilonka and Willie Geverink

Legal land location of residence(s): blok 1 NE-3-39-6-W5
blok 1 SE-10-39-6-W5

Telephone number(s)¹: [redacted] Email address(es)¹: [redacted]

Address(es)¹ and Postal code(s)¹: [redacted]

¹ Please note that personal contact information is for NRCB use ONLY and not publicly released

I am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:

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- I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and
- I/we understand that this waiver is a public document.

Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to

Application number RA2502 [redacted]

[redacted] _____
Signatures of all residence owner(s) on

Ietje Geverink Willie Geverink
Printed names of all residence owner(s) on title

Date: March 22, 2025

Minimum Distance Separation (MDS) Waiver (declaration)

Applicant information

NRCB application number: RA25024

Operator/operation name: DeBruyn Cattle Company Ltd.

Address: RR#1 Str Main Rocky Mountain house, ^{T4T}2A1 Postal Code: T4T 2A1

Legal land location of confined feeding operation: NE-3-39-6-W5

I have requested the residence owner(s) named below to waive the required minimum distance separation (MDS) to their residence for the *Agricultural Operation Practices Act* (AOPA) permit application identified above. In making this request, I have provided the owner(s) with an opportunity to review my permit application and a copy of the Natural Resources Conservation Board (NRCB) Fact Sheet "Minimum Distance Separation (MDS) Waivers" available on the NRCB website at www.nrcb.ca. I have also explained:

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- My application for a new AOPA permit proposes the following changes to the existing livestock category, type and/or capacity at my CFO:
We would like to increase our capacity to 300 milking cows with associated dries and young stock.
- The proposed new CFO facility(ies), or changes to the existing CFO facilities, including manure storage, manure storage volume and any other pertinent details, if any, are (attach a site layout plan if available):
We will be adding a section to the barn to house dry cows.

I the applicant understand that the waiver is not valid unless ALL registered owners of the residence sign this document.

Permit Applicant: _____

Signature

Date: MARCH 21-2025

Residence owner(s) to initial: TS. WS

Minimum Distance Separation (MDS) Waiver (declaration)

Residence owner(s) information

ALL Names on land title: Walter and Teresa Skrocki

Legal land location of residence(s): NW-2-39-6-WS

Telephone number(s)¹: [REDACTED] Email address(es)¹: _____

Address(es)¹ and Postal code(s)¹: [REDACTED]

¹ Please note that personal contact information is for NRCB use ONLY and not publicly released

I am/we are the legal landowner(s) of a residence(s) located at the above noted legal land location/address:

- I/we have read the NRCB Fact Sheet "Minimum Distance Separation (MDS) Waivers";
- I/we have discussed this application with the applicant and understand its potential impacts to our residence(s);
- I/we understand that the application **does not** meet the MDS requirement to my/our residence(s), under the *Agricultural Operation Practices Act (AOPA)*;
- **I/we understand that this waiver is not valid unless signed by ALL parties identified on the land title as owners;**
- **I/we are not obligated to waive the MDS requirement to our residence(s);**
- I/we understand that if I/we choose to waive the MDS requirement, I/we can revoke the waiver, by providing written notice to the NRCB approval officer, as set out in the "Minimum Distance Separation (MDS) Waivers" Fact Sheet; and
- I/we understand that this waiver is a public document.

Having considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to

Application number RA 25024

Signatures of all residence owner(s) on title

Walter Skrocki

Printed names of all residence owner(s) on title

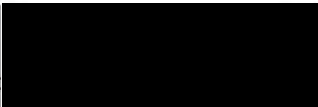
Teresa Skrocki

Date: March 27, 2025

Manure Spreading Agreement

Walter Skrocki agree to allow DeBruyn Cattle Co. (applicant)
to spread manure on the following fields during 2025-2026 (calendar year).

| Land location | Acre Hectares | Suitable for spreading | Soil zone |
|---------------|------------------|------------------------|-------------|
| NW-2-39-6-WS | 55 | Yes | Grey wooded |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Signed:  _____

Date: March 27, 2025

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)

LIQUID MANURE COLLECTION AND/OR STORAGE: In-barn - Concrete liner

(complete a copy of this section for EACH proposed in-barn liquid manure storage facility with a concrete liner)

Facility description / name (as indicated on site plan)

1. Dry Low Barn
2. _____
3. _____

Manure storage capacity (use one row in the table for EACH in-barn storage. Attach additional pages if you require more rows)

| | Length (m) | Width (m) | Total depth (m) | Depth below ground level (m) | NRCB USE ONLY Calculated storage capacity (m ³) |
|----------------|------------|-----------|-----------------|------------------------------|--|
| 1. | 49.38 | 3.05 | Alley 0 | 0 | |
| 2. | 49.38 | 3.66 | Alley | 0 | |
| 3. | 18.60 | 0.61 | 0.92m | 0.92 | |
| TOTAL CAPACITY | | | | | |

Concrete liner details

| | | | | |
|--|--------------------|---|---|--|
| Scrape alleys or unslatted portions of barn floors (if applicable) | Concrete thickness | | Method of sulphate protection | |
| | 5" thick | | Type 50 / Hsb | |
| | Concrete strength | | Concrete reinforcement size and spacing | |
| | 30 mpa | | Rebar 10" x 1' | |
| In-barn manure pit floors | Concrete thickness | | Method of sulphate protection | |
| | 5" thick | | Type 50 / Hsb | |
| | Concrete strength | | Concrete reinforcement size and spacing | |
| | 30 mpa | | Rebar 10" x 1' | |
| In-barn manure pit walls | Concrete thickness | | Method of sulphate protection | |
| | 8" thick | | Type 50 / Hsb | |
| | Concrete strength | Horizontal reinforcement size and spacing | Vertical reinforcement size and spacing | |
| | 32 mpa | Rebar 10mm Spaced at 6" | Rebar 15mm Spaced at 1' | |

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LIQUID MANURE COLLECTION AND/OR STORAGE: In-barn - Concrete liner (cont.)

Describe how the joints at the junction of the pit walls, pit floors and any other joints will be sealed

Bentonite Strip water stop
caulked joint

Describe sealing practices for piping, etc. that penetrates the liner

All joints will be caulked

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

Guideline minimums:

Solid manure: 25MPa (D)

Solid manure (wet): 30MPa (C)

Liquid manure: 32MPa (B)

Category A is required to be engineered

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

Additional information

NRCB USE ONLY

Liquid manure storage volume calculator attached: YES NO

Depth to water table: _____

Requirements met: YES NO

Depth to uppermost groundwater resource: _____

Requirements met: YES NO

ERST completed: see ERST page for details

Concrete liner requirements

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