# **Technical Document RA25024**

# 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	Legal la	nd description
✓ Approval ☐ Registration ☐ Authorization	RA25024	NE 3-39	9-6 W5M
☐ Amendment			
PPLICATION DISCLOSURE	A Property of the		
his information is collected under the authority of the Agrovisions of the Freedom of Information and Protection written request that certain sections remain private.	of Privacy Act. This information is	public unless the	NRCB grants a
ny construction prior to obtaining an NRCB permit rosecution.	t is an offence and is subject to	enforcement a	action, including
, the applicant, or applicant's agent, have read and under rovided in this application is true to the best of my know	erstand the statements above, and vieldge.	d I acknowledge	that the information
march 25 - 2025			
Date of signing	Signature	1 11 .	100
DeBruyn Cattle Company		-londe bri	nK
Corporate name (if applicable)	Print name		
GENERAL INFORMATION REQUIREMENTS			
<b>Proposed facilities:</b> list all proposed confined feeding proposed facilities are additions to existing facilities. (a		nsions. Indicate	whether any of the
Proposed facilities		The second second	mensions (m)
			, width, and depth)
Dry Cow Barn		51.82	m × 16.46m
			x 0.9 m dee
		-	
Existing facilities: list ALL existing confined feeding of			
Existing facilities	Dimensio (length, width,		NRCB USE ONLY
Sh a d '11 d	(e) 30.48m x	20 48	
Shop Cancillary structur			
Dairy Barn (freestall)	40.2mx		
Rubot Area (attached to dair	y barn) 24.4mx	24.4m	(ancillary)
NRCB USE ONLY		THEFT	
Eviating facilities confirmed			
Existing facilities confirmed			

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Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
Calf Barn	19.5mx 23.16m	
Connecting Alley	25.6m × 14.6m	
Old young stock barn (Now a Shop)	27. 4m x 18.3m	(not a CFO facility)
Young stock barn (addition added in 2017)	142.7mx 24.4m (5	7.4 m x 24.4 m total
Solid Manure Storage pad #1	84m x 18,3m	rensions)
Dairy and Dry cow barn 2018	37,2mx 91,5m	
Feed Kitchen (ancillary Structure)	28m × 10m	
EMS (interior dimensions)	51.8 x 79.2 x 4.7m	
Young stock barn addition	24.4m × 14.7m	
ie.		
· · · · · · · · · · · · · · · · · · ·		
		**



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

onstruction completion date for proposed facilities January 1, 2028  dditional information	onstruction completion date for proposed facilities January 1, 2028	f a new facility is replacing an old facility, please expla	in what will happen to	the old facility and when.	D N/A
				1 707 8	
			January	1,2020	

**Livestock numbers:** Complete only if livestock numbers are different from what was identified in the Part 1 application. Note: if livestock numbers increase in your Part 2 application, a new Part 1 application must be submitted which may result in a loss of

priority for minimum distance separation (MDS).

Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation)	Permitted number	Proposed increase or decrease in number (if applicable)	Total
dairy milking coms rand associated replacements and dries)	199	101	300

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

#### 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

	I <b>DO</b> want my water licence	application coupled to my	AOPA permit application.
Sig	igned thisday of	, 20	
_			Signature of Applicant or Agent
01	PTION 2: Processing the AC	PA permit and Water A	ct licence separately
1.	. I (we) acknowledge that the development or activity prop		er licence from EPA under the Water Act for the
2.		B process the AOPA applic	ation independently of EPA's processing of the
3.		considered by EPA as impr	OPA application is granted by the NRCB, the oving or enhancing the CFO's eligibility for a
4.	<ul> <li>I (we) acknowledge that any AOPA permit in the absence whether to grant the Water.</li> </ul>	of a Water Act licence will	populate the CFO with livestock pursuant to an <b>not</b> be relevant to EPA's consideration of
5.	<ol> <li>I (we) acknowledge that any the Water Act licence application of the Water Act.</li> </ol>	such construction or lives ation is denied or if the op his risk includes being rec	stock populating will be at the CFO's sole risk if eration of the CFO is otherwise deemed to be in uired to depopulate the CFO and/or to cease kings" (as defined in the Water Act).
	and that, pursuant to the Bo [Alta. Reg. 171/2007], this t	owledge that the CFO is low, Oldman and South Sas basin is currently closed to	cated in the South Saskatchewan River Basin katchewan River Basin Water Allocation Order new surface water allocations.
			\$00399737-00-00 Reg# 00177640-00-0
Sig	gned this 21 day of MARC	, 20.25.	Signature of Applicant or Agent
OF	PTION 3: Additional water li	cence not required	
1.	I (we) declare that the CFO of development or activity prop	will not need a new licence osed in this AOPA applicat	from EPA under the Water Act for the ion.
2.			
Sig	gned this day of	. 20	
-			Signature of Applicant or Agent

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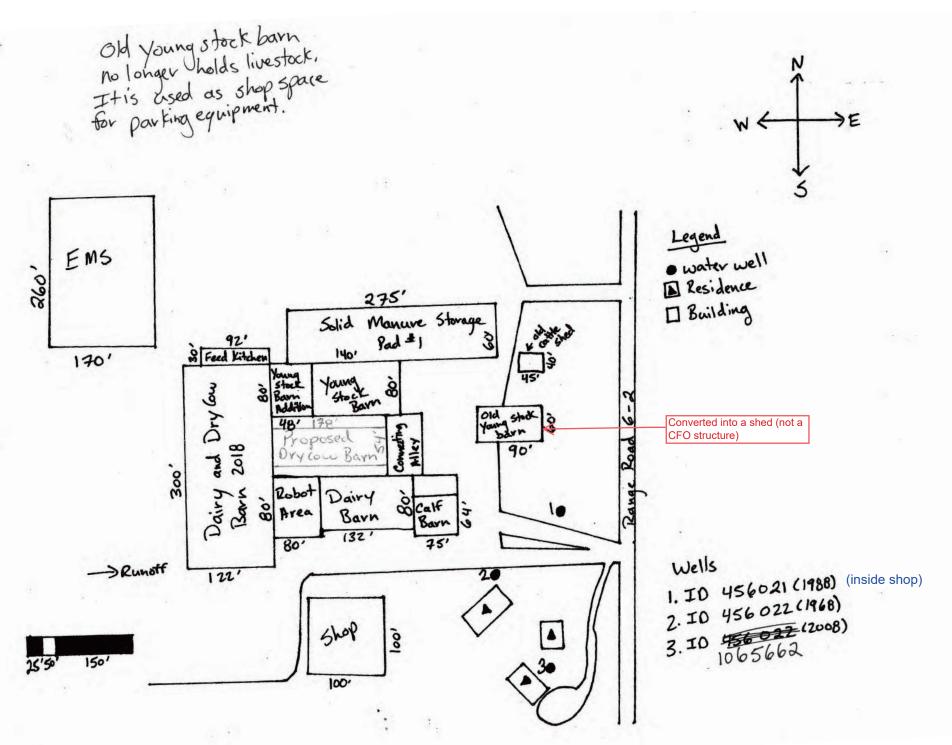
Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area, and/or manure storage facility(ies)

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

- 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.
- 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.
- 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 <u>not</u> 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).
- 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.

/. Provide:	Water license num	ber(s) or water conveyance ag	reement details
Signed this	day of	. 20	
			Signature of Applicant or Agent





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

w the



Legend

■-Residence

□-Spreadable Acres

General run off to the East





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)

All Existing Buildings Proposed 1: Existing: Proposed 2:

Facili	ty and environmental risk			nd environmental risk				NRCB USE ONLY
Facility and environmental risk information		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?	☑ >1 m □ ≤1 m		□ >1 m □ ≤1 m	□ > 1 m □ ≤ 1 m	YES NO YES with exemption	Not located in a floodplain	
	How many springs are within 100 m of the manure storage facility or manure collection area?	0	0			YES NO YES with exemption	None identified	
Surface water Information	How many water wells are within 100 m of the manure storage facility or manure collection area?	3	3			YES NO YES with exemption	2 wells within 100 m of proposed construction	
N E	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			YES NO YES with exemption	EMS ~ 400 m from intermittent creek	
water	What is the depth to the water table?		2.8m			YES NO YES with exemption	~6.4 m from drilling logs	
Groundwater	What is the depth to the groundwater resource/aquifer you draw water from?	2.7m	2.7m			YES NO YES with exemption	17.4 m in WW ID 456022	

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

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NRCB USE ONLY WATER WELL AND SURFAC	E WATER INFORMATI	ON	
Well IDs: 456021	4560	)22	1065662
<u></u>			
Surface water related concerns from	directly affected parties or ref	erral agencies:	☐ YES ☑ NO
Groundwater related concerns from c	lirectly affected parties or refe	erral agencies:	☐ YES ☑ NO
Water wells N/A			
If applicable, exemption for 100 m di	stance requirements applied:	✓ YES	required: X YES NO
Surface water 🖾 N/A	_		
If applicable, exemption for 30 m dis	tance requirements applied: L	」YES ☐ NO Condition	required: YES NO
Water Well Exemption Screening	Tool N/A		
Water Well ID	Preliminary Screening Score	Secondary Screening Score	Facility
456022	22 = continue to next section	n 18 = exemption more like	ely Dry cow barn
456021	33 = action required; continue to next section	8 = exemption more likely	Dry cow barn
Groundwater or surface water rel	ated comments:		
Due to the results of the water included in the permit for water	well 456021. Additionally,	a condition was included	in Registration
RA17068 requiring annual sam included in Approval RA25024.	. •	at condition will be broug	ght forward and
11 22			



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

# NRCB USE ONLY ENVIRONMENTAL RISK SCREENING INFORMATION

#### ERST for proposed facilities

Facility	Groundwater score	Surface water score	File number
Dry cow barn	low	low	RA25024

#### ERST for existing facilities

Facility	Groundwater score	Surface water score	File number
EMS	low	low	RA17068
Dairy and dry cow barn	low	low	RA17068
Youngstock barn (w addition)	low	low	RA17068
Manure storage pad	low	low	RA14013
Robot barn extension	low	low	RA14013
Old youngstock barn (converted)	*moderate	low	RA17068
Freestall barn pits	*moderate	low	RA17068
Calf area (old parlour)	low	low	RA14013

#### **ERST** related comments:

<sup>\*</sup> Since the ERST assessment in 2018, the old youngstock barn has been converted into a shop (non-CFO facility). Because the structure no longer serves as manure collection/storage, I am of the opinion that it is no longer a risk to the environment. The freestall barn pits have not been modified (nor has there been a proposal to modify them in this application). Due to the water well monitoring conditions that will be included in Approval RA25024, I am of the opinion that no further action or conditions are required in this permit to address the risk posed to the environment by the freestall barn pits.



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

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

				9	NRCB USE ON		
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Walter Skrocki	NW-2-39-6-W5	123 m	Ag	1	171 m	yes	yes w waive
Pick+Marilyn Leinweber	NW-2-39-6-W5	279 m			279 m		
Willie + Ilonka Geverink	SE-10-39-6-WS	365m			356 m		
Willie + Ilonka Geverink	NE-3-39-6-W5	297 m	<u> </u>	V	304 m	Ψ	<u> </u>
							*

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

				NRCB U	SE ONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (if required)
DeBruyn Cattle Co.	N-3-39-6-WS	105.16	Grey wooded		N/A
Debruyn Cattle Co.	5-3-39-6-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		$\downarrow$
Walter Skrocki	NW-2-39-6-W5	55	Grey wooded		Yes
			Total	373	

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

Additional information (attach any additional information as required)

<sup>\*\*</sup> 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)

<sup>\*\*\*</sup> Brown, dark brown, black, grey wooded, or irrigated

Applicant information	NRCB application number: RA25024
Operator/operation name: _	DeBruyn Cattle Company Ltd.
Address: RR#1 Rocky	Mountain House, AB TYT 2AI Postal Code: TYT 2AI
Legal land location of confine	ed feeding operation: NE-3-39-6-W5
I have requested the resident (MDS) to their residence for above. In making this reques application and a copy of the	the Agricultural Operation Practices Act (AOPA) permit application identified st, I have provided the owner(s) with an opportunity to review my permit and Natural Resources Conservation Board (NRCB) Fact Sheet "Minimum Distance available on the NRCB website at www.nrcb.ca. I have also explained:
have advised the owner	et out in section 3 of the Standards and Administration Regulation of AOPA. I (s) that section 3(6)(a) of the Standards and Administration Regulation allows aived by the owners of residences, if they agree in writing to grant a waiver;
That my proposed devel	opment does not meet the required MDS to the owner's residence; and,
	only to this application as described. An increase in livestock capacity, annual of odour production, change to the site plan or change to a facility that would require a new waiver.
Following is a summary of th	ne proposed development:
<ul> <li>The current scope of my livestock, if any, is:</li> </ul>	confined feeding operation (CFO), including the type, number, and category of
Dairy Cattle	
<ul> <li>My application for a new type and/or capacity at n</li> </ul>	AOPA permit proposes the following changes to the existing livestock category, my CFO:
We would	like to increase our capacity to
300 milking	cows with associated drys and young stock
<ul> <li>The proposed new CFO manure storage volume</li> </ul>	facility(ies), or changes to the existing CFO facilities, including manure storage, and any other pertinent details, if any, are (attach a site layout plan if available):
We will be	e adding a section to the barn
to house	dry cows.
I the applicant understar residence sign this docu	nd that the waiver is not valid unless ALL registered owners of the ument.
Permit Applicant:	Signature Date: MARCh 21 - 2025
Residence owner(s) to init	ial: Al me

MDS Waiver Declaration Page 1 of 2

	5440-3
L	egal land location of residence(s): W-2-39-6-W5
T	elephone number(s) <sup>1</sup> _ Email address(es) <sup>1</sup> ;
A	ddress(es)1 and Postal code(s)1: .
1	Please note that personal contact information is for NRCB use ONLY and not publicly released
a	m/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 <b>does not</b> meet the MDS requirement to my/our residence(s), under the <i>Agricultural Operation Practices Act</i> (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.
la	ving considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
	plication number RA25024
1	photon number
	Signatures of all residence owner(s) on title
,	CK LEINWOSER Marilyo Leinweber

Ar	opticant information NRCB application number: RA25024
Or	perator/operation name: DeBruyn Cattle Company Ltd.
	Idress: RR#1 Stn Main Rocky Mtn. Hse, AB Postal Code: TYT 2A1
Le	egal land location of confined feeding operation: NE-3-39-6-W5
I h (M ab	have requested the residence owner(s) named below to waive the required minimum distance separation (IDS) to their residence for the Agricultural Operation Practices Act (AOPA) permit application identified cove. In making this request, I have provided the owner(s) with an opportunity to review my permit oplication and a copy of the Natural Resources Conservation Board (NRCB) Fact Sheet "Minimum Distance deparation (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.
Fo	ollowing 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 a ssociated 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
	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.
	he applicant understand that the waiver is not valid unless ALL registered owners of the sidence sign this document.
Pe	ermit Applicant: Date:

Residence owner(s) to initial:

MDS Waiver Declaration Page 1 of 2

esidence owner(s) inform	Ietje			
ALL Names on land title: _	Ilonka	and	Willie	Geverink
	bloki	NE - 3-	39-6-W	15
Legal land location of reside	nce(s): <u>blok l</u>	SE-10	-39-6-0	05
Telephone number(s)1:		Email address	s(es)1: _	
Address(es)1 and Postal cod	de(s)1.			

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 have	MDS requirement to my/our residence, with respect to
Application number RA2502	
Signatures or air residence owner(s) on	11 0
Jetje Gevernk In	illie Geverink
Printed names of all residence owner(s) on title	
note: March 27 2025	

MDS Waiver Declaration Page 2 of 2

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

m	pplicant information	NR	CB application n	umber: RA250	24
Or	perator/operation name:	DeBruyn	Cattle	Company Lt	d.
-	And arrest of a construction of the constructi				
	ddress: RR#1 Stn M				IAHI
Le	egal land location of confine	d feeding operation:	UE - 3-	39-6-W5	
M (M ab ap	nave requested the residence MDS) to their residence for to cove. In making this reques oplication and a copy of the eparation (MDS) Waivers" a	ce owner(s) named belone Agricultural Operation t, I have provided the on Natural Resources Cor	ow to waive the ron Practices Act wner(s) with an oneservation Board	required minimum distant (AOPA) permit application opportunity to review my ( I (NRCB) Fact Sheet "Mir	n identified permit nimum Distance
•	The MDS requirement se have advised the owner(s this requirement to be wa	s) that section 3(6)(a) of	f the Standards	and Administration Regul	ation allows
	That my proposed develo	pment does not meet t	he required MDS	S to the owner's residence	e; and,
•	That this waiver applies of manure production, level increase the MDS would	of odour production, ch			
Fo	ollowing is a summary of the	e proposed developmen	nt:		
	The current scope of my livestock, if any, is:  Dairy Cattle			iding the type, number, al	
	and young	stock.	,	3	
	My application for a new type and/or capacity at m		the following ch	anges to the existing live	stock category,
•		y CFO:			0.00
•	type and/or capacity at m	y CFO:	rease our	- capacity to	300
	type and/or capacity at m We would Milking Com The proposed new CFO manure storage volume a	facility(ies), or changes	rease ouv	drys and corporations	young stock
	type and/or capacity at m We would Milking Com The proposed new CFO manure storage volume a	facility(ies), or changes and any other pertinent	rease ouv	drys and cropacity to	young stoch anure storage, an if available):
•	type and/or capacity at manufacture would  The proposed new CFO manure storage volume at the would	facility(ies), or changes and any other pertinent	to the existing of details, if any, and	drys and cropacity to	young stoch anure storage, an if available):
	type and/or capacity at m  We would  Milking Com  The proposed new CFO manure storage volume a  We will	facility(ies), or changes and any other pertinent one adding (ows,	to the existing of details, if any, as	drys and corporate to the best of the best	young stoch anure storage, an if available): avn to

MDS Waiver Declaration Page 1 of 2

Res	idence owner(s) information
AL	L Names on land title: Walter and Teresa Skrocki
Le	gal land location of residence(s): NW-2-39-6-W5
Te	lephone number(s) <sup>1</sup> Email address(es) <sup>1</sup> :
Ad	Idress(es) <sup>1</sup> and Postal code(s) <sup>1</sup> :
1 p	lease note that personal contact information is for NRCB use ONLY and not publicly released
l an	n/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 <b>does not</b> meet the MDS requirement to my/our residence(s), under the <i>Agricultural Operation Practices Act</i> (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.
	ing considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to elication number $RA25024$
.5	Bignatures of all residence owner(s) on title
	Walter Skrocki Teresa Skrocki
F	Printed names of all residence owner(s) on title

### **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	Acres Hectares	Suitable for spreading	Soil zone
NW-2-39-6-WS	55	Yes	Grey wooded
		-	

Signed: _			
7			

Date: March 27, 2025



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

NRCB USE ONLY						
MINIMUM DISTANC	E SEPARATION					
Methods used to determine		ibie)	erial imagery	,		
Margin of error (if applicab	le):+/- 3 m	1				
Requirements (m): Catego			y 2: <u>539</u>	_ Category 3:_	674	Category 4: 1,079
Technology factor:					☐ YES 🗵	
Expansion factor:					☐ YES 💢	
MDS related concerns from	directly affected pa	arties or refe	erral agencies:		☐ YES 💢	NO
LAND BASE FOR MA Land base required: Land base listed: Area not suitable: Available area Land spreading agreement Manure management plan:	371.1 ha  373 ha  Accounted for  373 ha  s required:	* A	O comment: a counted for (1 Re	applicant indica	: 💢 YES 🗆	usable land has been
PLANS						
Submitted and attached co	nstruction plans:	□ Y	ES 🔀 NO			
Submitted aerial photos:		•	ES NO			
Submitted photos:		□ Y	ES 🗡 NO			
GRANDFATHERING						
Already completed:  If already completed, see _	RA10049	<b>⊠</b> Y	res 🗆 no 🗆	N/A		



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 (ow Barn (associated alley)

2. Associated alley

3. Asociated pit

	Length (m)	Width (m)	Total depth (m)	Depth below ground level (m)	NRCB USE ONLY  Calculated storage capacity (m³)
1.	49.38	3.05	Alley O	0	
2.	49.38	3.66	Alley	0	
3.	18.60	0,61	0,92m	0.92	
То	otal dimensions of	barn = 51.8 m x 1	6.5 m	TOTAL CAPACITY	Sufficient capacity

oncrete liner details			
Scrape alleys or unslatted portions of	Concrete thickness  5" + hick		Type 50/HSb
barn floors (if applicable)	Concrete strength	Cone	Rebay 10" x1'
	Concrete thickness  5" +hick		Type 50/HSb
In-barn manure pit floors	Concrete strength  30 mpa	Conc	rete reinforcement size and spacing
In-barn manure pit walls	Concrete thickness		od of sulphate protection  Type 50 / HSB
	Concrete strength  32 mpa	Horizontal reinforceme and spacing Reban 10 mm Spaced at	spacing Repar 15mm

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Describe how the joints at the junction of the pit walls, pit floors		,
Bentonite Strip water	stop	
Caulked Joint		
escribe sealing practices for piping, etc. that penetrates the lin	per	
All Joints will be can	1 Ked	
oncrete requirements can be found in Technical Guideline Agdex 096-93 uideline minimum: olid manure: 25MPa (D) olid manure (wet): 30MPa (C) quid manure: 32MPa (B)	NRCB USE ONLY  Requirements met:	XYES   NO
ategory A is required to be engineered ethod of sulphate protection: upe 50 or Type 10 with fly ash or equivalent	Condition required:	YES NO
ditional information		and the same of th

NRCB USE ONLY			
Liquid manure storage volume calculator attach	ned: XYES NO		
Depth to water table: ~6.4 m		Requirements met:	XYES NO
Depth to uppermost groundwater resource:	17.4 m	Requirements met:	¥YES □ NO
		at-	
ERST completed: see ERST page for details			
Concrete liner requirements			
Leakage detection system required:	☐ YES XNO	If yes, please explain why	
		*	

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NRCB USE ONLY						
LIQUID MANURE STORAGE VOLUME CALCULATOR (if applicable)						
Facility 1 Existing EMS						
LAISTING LIND						
Name / description	Capacity 9,892 m <sup>3</sup>					
Facility 2						
Name / description	Capacity					
Facility 3						
Name / description	Capacity					
Facility 4						
Name / description	Capacity					
ТО	TAL CAPACITY	9,892 m <sup>3</sup>				
REQUIRED 9 MONTH STORAGE CAPACITY		9,585 m³				
MEETS THE REQUIREMENTS FOR A MINIMUM OF 9 MON	THS STORAGE	⊠YES □ NO				



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NRCB USE ONLY								
ALL SIGNATURES IN FILE		⊠yes □no						
DATES OF APPROVAL OFFICER SITE VISITS								
March 25	, 2025							
Date deeming letters sent	E WITH MUNICIPAL April 9, 2025	ITIES AN	D REFERRAL A	AGENCIES				
	Clearwater County			- -				
	response received	written/	'email $\Box$	verbal $\Box$	no comments received			
Alberta Health Service	es: 🗵 N/A							
☐ letter sent	☐ response received	☐ written/	'email $\Box$	verbal $\Box$	no comments received			
Alberta Environment a	nd Parks:							
☑ letter sent	☐ response received	☐ written/	email	verbal 🖾	no comments received			
Alberta Transportation	: ⊠ N/A							
☐ letter sent	☐ response received	☐ written/	email	verbal $\Box$	no comments received			
Alberta Regulatory Services:								
☑ letter sent	response received	written/	'email $\Box$	verbal	no comments received			
Other: Rocky Gas Coop Ltd.								
☑ letter sent	☐ response received	□ written/	/email $\Box$		no comments received			
		_ ,						
Other:								
☐ letter sent	response received	☐ written/	'email	verbal	no comments received			