### **Technical Document RA25048**

### Part 2 — Technical Requirements



NRCB USE ONLY	Application number Le	egal land description
Approval Registration Authorization	RA25048 NE	10-42-27 W4M
☐ Amendment		
APPLICATION DISCLOSURE		
This information is collected under the authority of the Ago provisions of the Freedom of Information and Protection of written request that certain sections remain private.		
Any construction prior to obtaining an NRCB permit prosecution.	is an offence and is subject to enforcen	nent action, including
t, the applicant, or applicant's agent, have read and under provided in this application is true to the best of my know		edge that the information
Chrystal Jachymek		
Date of signing	Signature	
July 24/2025 Eagle Builders LP	Chrystal Jachymek	
Corporate name (if applicable)	Print name	
GENERAL INFORMATION REQUIREMENTS		
<b>Proposed facilities:</b> list all proposed confined feeding of proposed facilities are additions to existing facilities. (att	프레이를 가고하는 하는 경기를 가입니다. 이 회사 하게 하는 것들이 하는 것이 되었다면 하는 것이 되었다면 하는 것이 되었다. 그런데 그런데 그렇게 되었다면 그렇게 그렇게 되었다면 그렇게 그렇게 되었다면 그렇게 그렇게 되었다면 그렇게 그렇게 되었다면 그렇게 그렇게 그렇게 되었다면 그렇게 그렇게 그렇게 되었다면 그렇게	icate whether any of the
Proposed facilities		Dimensions (m) ength, width, and depth)
Broiler Barn #2	10	3.5m x 19.5m <del>x 10.65m</del>
Existing facilities: list ALL existing confined feeding on	peration facilities and their dimensions	
Existing facilities	Dimensions (m) (length, width, and dept	NRCB USE ONLY
Broiler Barn #1	108.5m x 19.5m <del>x 10.68</del>	Confirmed
NRCB USE ONLY		



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

If a new facility is replacing an old facility, please explain what will happen to the old facility and when.

Construction completion date for proposed facili	July 30, 2027		
Additional information			
<b>Livestock numbers:</b> Complete only if livestock numl livestock numbers increase in your Part 2 application, 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
AO note: no change from part 1. CFO is permi	tted for 38,000 chicken b	roilers; the applicant is p	roposing to double
the livestock numbers for a total of 76,000 chic			



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### DECLARATION AND ACKNOWLEDGMENT OF APPLICANT CONCERNING WATER ACT LICENCE

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

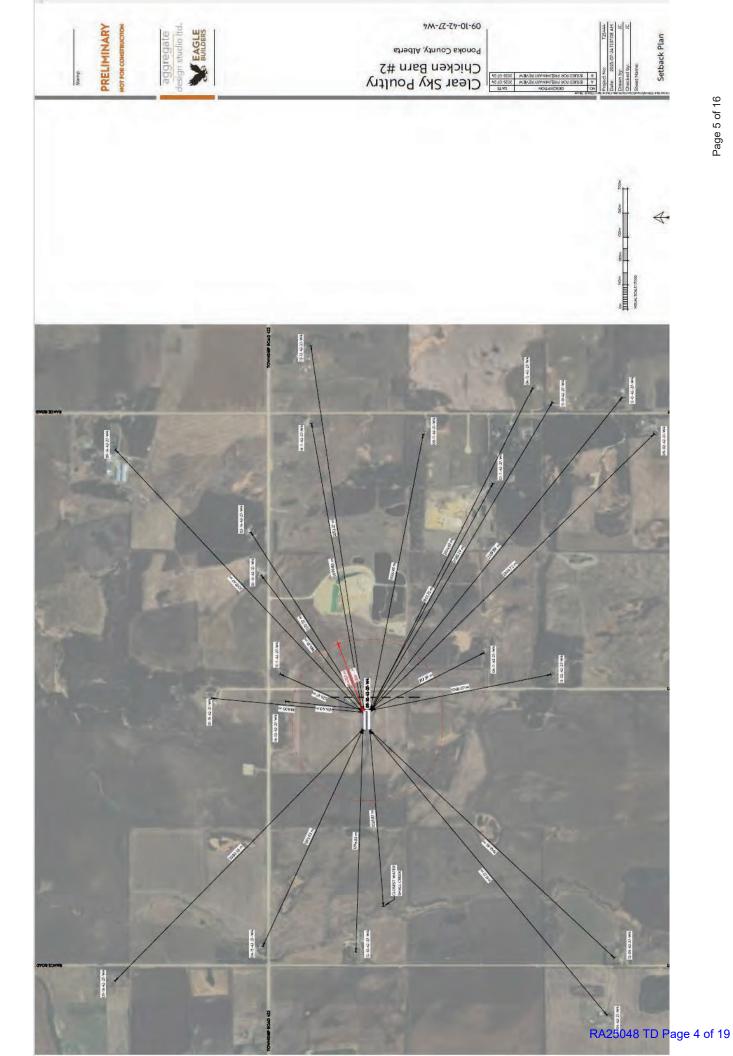
Date and sign one of the following four options

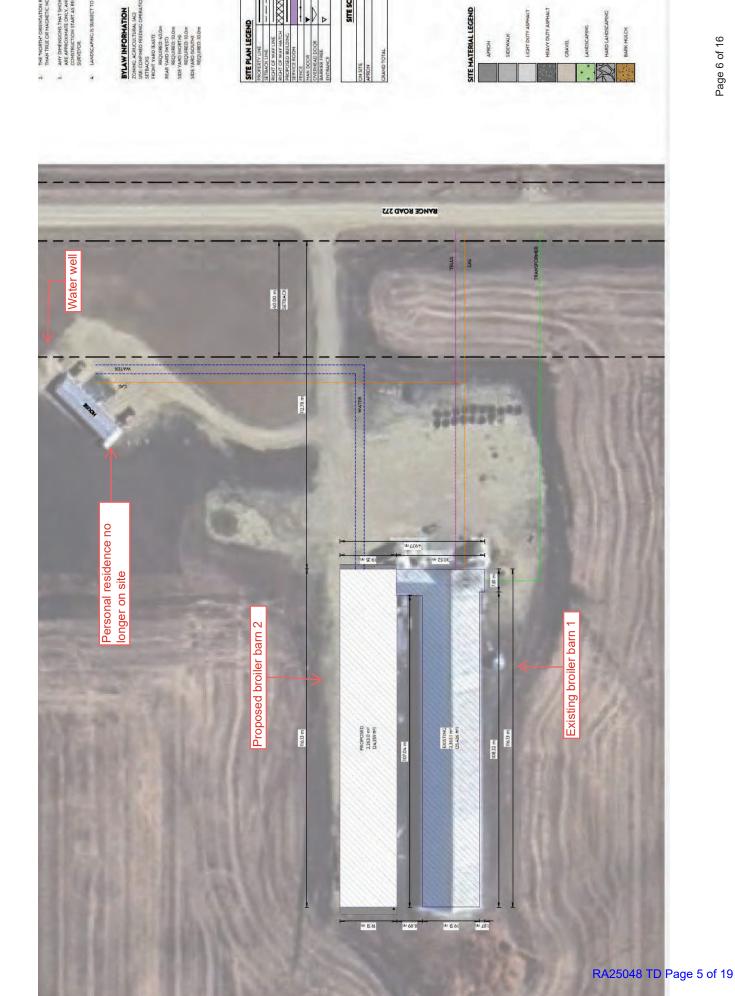
OPTION 1: Applying through the NRCB for both the AOPA permit and the Water Act licence

### 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) Signed this \_\_\_\_ day of \_ Signature of Applicant or Agent

### OPTION 3: Additional water licence not required

nt details as seen in permit RA18092





76.9 m²

SITE SCHEDULE



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

NRCB Natural Resources
Conservation Board

### **GENERAL ENVIRONMENTAL INFORMATION**

acility des	complete this section for the worst case of the existing facility which is the closest to water bodies of water wens and for each of the proposed facility description / name (as indicated on site plan)	plan)	יון וא רווב בוסאבאר ה	o water boures of	י שמבי שבווא מוונ	מיוסו בפכון סו חוב של מי	ואבת ומרווותבא)
Existing:	Broiler Barn #1			Proposed	<b>Proposed 1:</b> Broiler Barn #2	arn #2	
Proposed 2:	12:			Proposed 3:	3:		
Facilit	Facility and environmental risk		Facil	Facilities			NRCB USE ONLY
	information	Existing	Proposed 1	Proposed 2	Proposed 3	Meets requirements	Comments
nialo noita	What is the elevation of the floor of the lowest manure storage or	■ >1 m	□ >1 m	□ >1 m	m 1 <	X YES   NO	Not located in a flood p
ood poor	year flood plain or the highest	□ v 1 m				☐ YES with	

olain

ola ofini Anown flo	u	rface wat Normatio form of facility or	ıi 	noitsı	What is the depth groundwater reso draw water from?
known flood level?	How many springs are within 100 m of the manure storage facility or manure collection area?	How many water wells are within 100 m of the manure storage facility or manure collection area?	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	What is the depth to the water table?	What is the depth to the groundwater resource/aquifer you draw water from?
	0	0	>800m	~23	>3m
	0	0	>800m	~23	>3m
exemption	X YES NO YES with exemption	YES NO YES with exemption	XYES NO YES with exemption	XYES NO YES with exemption	X YES NO YES with exemption
	None observed during site visit	Water well is located >100 m from proposed construction	576 m to dugout located SE of proposed construction	> 5 m	30.5 m well ID 2089143

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



NRCB USE ONLY WATER WELL AN	D SURFACE	WATER INFORMATI	ON				
Well IDs: 20	)89143						
well IDS:							
Surface water related c	concerns from dire	ectly affected parties or refe	erral agencies:	☐ YES ☑ NO			
Groundwater related co	oncerns from dire	ctly affected parties or refe	rral agencies:	☐ YES 🖾 NO			
Water wells 🖾 N	I/A						
If applicable, exemption	n for 100 m dista	nce requirements applied:	YES NO Condition	required:			
Surface water 🖾 N	I/A						
If applicable, exemption	n for 30 m distan	ce requirements applied: $\Box$	YES NO Condition	required:			
		ol 🖾 N/A					
Water Well Exemption	on Screening 10	OI 🔼 N/A					
Water Well	I ID	Preliminary Screening Score	Secondary Screening Score	Facility			
		Score	Score				
Groundwater or surfa	ace water relate	ed comments:					



f for <u>proposed</u> facilities  Facility	Groundwater score	Surface water score	File number
racility	Groundwater score	Surface water score	File fluifiber
Broiler barn 2	Low	Low	RA25048
for <u>existing</u> facilities			
Facility	Groundwater score	Surface water score	File number
Broiler barn 1	Low	Low	RA18092
T related comments:			



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

				_	NRCD USE ONLT	-	
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Jari Dixion	NE-10-42-27-w4	438	AG	1	424	N/A	Yes
Rick Clustin	NW-11-42-27-w4	480			524		_
Sam Van Aken	SE-15-42-27-w4	869			885		
Bill Bos	SW-14-42-27-w4	932			987		
Stan Hofman	SW-11-42-27-w4	772	<b>\</b>	>	755	$\checkmark$	<b>&gt;</b>

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

				NRCB USE ONLY	ONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (if required)
Brown Fields	SE-15-42-27-w4	40.7	Black		Yes
Brown Fields	NE-15-42-27-w4	2.09			Yes
Brown Fields	NW-15-42-27-w4	60.7			Yes
Clear Sky Poultry	NE-10-42-27-w4	58.7			
			>		
			Total	220.8 ha	

<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)

Manure to be stored in field after removing from barn until spread on land listed above.

AO note: Samuel Van Aken is the landowner for "Brown Fields" listed above.

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<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



NRCB USE ONLY								
MINIMUM DISTANCE	<b>SEPARATI</b>	ON						
Methods used to determine		icable): _	Google	e Earth				
Margin of error (if applicable								
Requirements (m): Category	y 1: <u>225</u>	Ca	tegory 2:	301		Category 3	376	 Category 4:
Technology factor:							☐ YES	NO
Expansion factor:							☐ YES	NO
MDS related concerns from	directly affected	parties o	or referra	l agencies	s:		☐ YES	NO
LAND BASE FOR MAI  Land base required: Land base listed: Area not suitable: Available area  Land spreading agreements  Manure management plan:	206 ha 220.8 ha accounted fo 220.8 ha		□ NO	PLICAT	Requi	irement me	et: 🔀 YES	NO
PLANS								
Submitted and attached con	struction plans:		X YES	□ NO				
Submitted aerial photos:			☑ YES	□ NO				
Submitted photos:			☐ YES	⊠ NO				
GRANDFATHERING								
Already completed:			☐ YES	□ NO ₺	≥ N/A			
If already completed, see								



	te a copy of this section ete liner)	for <b>EACH</b> barn, feedlot, and	storage facility for solid manure,	composting materials, or compost w
		as indicated on site plan)	1. Broiler Barn #2	
аспіту	description / name (	as mulcated on site plan)		
			2	
anure	storage capacity			
	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRCB USE ONLY Estimated storage capacity (m <sup>3</sup>
L.	108.5	19.5	0	
	l		TOTAL CAPACIT	Y Sufficient storage
	rotection		As to a d	
	tions and crack filling	grity of the liner will be main as needed	itained	
,- 23		<del></del>		
			NRCB USE ONLY	<b>Y</b>
				Requirements met: XYES \( \simetext{N} \)

Concrete liner details
Concrete thickness

min 4.5" thick

Concrete strength



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

Method of sulphate protection:

Concrete reinforcement size and spacing

type 10 with 20% fly ash

25mpa at 28 days	10m rebar at 12" OC, Both directions								
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		Condition required: XYES 🗆 1		YES NO YES NO 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: > 5 m	Requ	uirements met:	XYES 🗆	NO					
Depth to Uppermost groundwater resource: 30.5 m	Requ	uirements met:	X 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 requiring the applicant to provide proof that the concrete liner meets AOPA requirements.									
Leakage detection system required: TYES NO If ye	s, please explair	n why.							



NRCB USE ONLY								
ALL SIGNATURES IN FILE   ☑		⊠YES □	]no					
DATES OF APPROVAL OFFICER SITE VISITS								
August 19, 202	5							
CORRESPONDENCE	WITH MUNICIPAL	ITIES AN	ND REFERRAL	AGENCIES				
Date deeming letters sent	: August 6, 2025			-				
Municipality: Pond	oka County			_				
☑ letter sent	response received	⊠ writter	n/email $\Box$	verbal $\Box$	no comments received			
Alberta Health Service	s: 🗵 N/A							
☐ letter sent	response received	☐ writter	n/email $\Box$	verbal $\Box$	no comments received			
Alberta Environment ar	nd Parks:							
☑ letter sent	☐ response received	☐ writter	n/email $\Box$	verbal 🗵	no comments received			
Alberta Transportation	: □ N/A							
☑ letter sent	response received	writter	n/email $\Box$	verbal $\Box$	no comments received			
Alberta Regulatory Services:   N/A								
☐ letter sent	response received	☐ writter	n/email $\Box$	verbal	no comments received			
Other: Trans-Northern Pipelines Inc.								
☑ letter sent	response received	⊠ writter	n/email $\Box$	verbal	no comments received			
Other: BTG Energy Corp.								
☐ letter sent	☐ response received	☐ writter	n/email $\Box$	verbal	no comments received			



