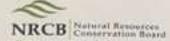
art 2 — Technical Requiremen			B Natural Ensources Conservation Board surge faithfield
RCB USE ONLY	Application number	Legistis	and description
* Postoria La Registration La Authorization	23032	SE-29-	-37-1-W5
Amendment PPLICATION DISCLOSURE			
is information is collected under the authority of the Apricultu visions of the Preedom of Information and Protection of Privi tion request that certain sections remain private.	ral Operation Practices Act (A acy Act. This Information is pu	OPA), and is blic unless th	subject to the e NRCB grants a
Ty Construction prior to obtaining an MRCD permit is an operation.	offence and is subject to a	morcument	action, including
the applicant, or applicant's agent, have read and understand ovided in this application is true to the best of my knowledge.	the statements above, and I	admonledge	that the information
DEC, 14, 2023			
PRINGE FARMS 8	54	N Pe	MSE
Debotate owne (n aboprate)	Print name		N. J.
ENERAL INFORMATION REQUIREMENTS			
Proposed facilities: list all proposed confined freding operat	son facilities and their dimensi	ions. Indicate	whether any of the
proposed facilities are additions to existing facilities, (attack a	oditional pages if needed)	ALL AND DESCRIPTION OF	
proposed facilities are additions to existing facilities, (attach a Proposed facilities	oditional pages if needed)	0	imensions (m)
proposed facilities are additions to existing facilities. (attach a	oditional pages if needed)	(lengt)	A STATE OF THE PARTY OF THE PAR
proposed facilities are additions to existing facilities. (attach a Proposed facilities	oditional pages if needed)	(lengt)	imensions (m) , width, and depth)
proposed facilities are additions to existing facilities. (attach a Proposed facilities	iditional pages if nembed)	(lengt)	imensions (m) , width, and depth)
proposed facilities are additions to existing facilities. (attach a Proposed facilities feifer Pens to create adequate space for youngstoo	iditional pages if nembed)	(m)	imensions (m) , width, and depth)
Proposed facilities are additions to existing facilities. (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create adequate space feifer Pens to create	in facilities and their dimensions	(m)	timeristans (m) s, width, and depth) 39M by 18M
proposed facilities are additions to existing facilities. (attach a Proposed facilities feifer Pens to create adequate space for youngstox	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
Proposed facilities are additions to existing facilities. (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create adequate space feifer Pens to create	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
Proposed facilities Frequency facilities Ferror Pens to create adequate space for youngstoo Existing facilities: list ALL existing confined feeding operations Existing facilities See RA 12014 next page	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
Proposed facilities are additions to existing facilities. (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create adequate space feifer Pens to create	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
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Proposed facilities are addition to existing facilities, (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
Proposed facilities are addition to existing facilities, (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M
Proposed facilities are addition to existing facilities, (attach a Proposed facilities feifer Pens to create adequate space for youngstoo feifer Pens to create	in facilities and their dimensions	(m)	timenstons (m) t, width, and depth) 39M by 18M

Existing facilities continued	Dimensione (m)	NACE USE ONLY
A. Dairy barn 67,1 m x 20,7 m	(length, width, and depth) 67.1 x 20.7	
B. Calving/maternity	30.48m x 27.4m	
C. Manure storage pad, east of barns	21.3m x 10.7m	
D. Earthen liquid manure storage (EMS)	52m x 30m x 6m deep	
E. Calf barn & manurepad with 1.2 m wall 7m x 14m	24.8 x 12.2m	
F. Youngstock	27m x 21m	
		-

mar will napp	en to the old facility and	when.	
August 31 2024			
			7
are different from who	t was identified in the Part !	application, Note: #	
ew Port I application in	nust be submitted which ma	y result in a loss of	
	PRODUCTION OF THE PARTY OF THE		
	Proposed increase or		
Permitted number	Proposed increase or decrease in number (If applicable)	Total	
Permitted number	Proposed increase or decrease in number		
Permitted number	Proposed increase or decrease in number		
Permitted number	Proposed increase or decrease in number		
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Permitted number	Proposed increase or decrease in number		
Permitted number	Proposed increase or decrease in number		
Permitted number	Proposed increase or decrease in number		
	August 31 2024 are different from who	August 31 2024 are different from what was identified in the Part 1 application must be submitted which may	



Application under the Agricultural Operations Act for a confined feeding operation, manure opfection area, and/or manure storage facility/ses;

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

			The second second
Signed this	day of	. 20	
			Signature of Applicant or Agent

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

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

- I (we) acknowledge that the CFO will need a new water licence from EPA under the Water Acr for the development or activity proposed in this AOPA application.
- 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, 1 (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. 1 (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 <u>not</u> 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).
- AS RELEVANT: 1 (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, Rep. 171/2007], this basin is currently closed to new surface water allocations.

Provide: Water licence application number(s)	new surface water abovernous.
7. Provide: Water licence application number(s) Signed this Stay of District Stay	
	Signature of Applicant or Apent

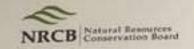
OPTION 3: Additional water licence not required

- 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 #104-6208

Signed this 14 day of DECEMBER 2023.	
	Signature of Applicant or Agent

LAST optioned September 11, 2023

AO Note: The applicant is not proposing to make any changes to livestock numbers; therefore an additional water license is not required.



Agency and make the Agency and Committee that he is a standard bearing operators, manufacture area, and/or manufacture storage facility (ex)

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

DISTANCE OF ANY MANUA	INCE OF ANY MANUACE STORMER THESE		NRCS USE ONLY						
Neighbour name(x)	Legal land description	Distance (m)	Zoning (LUB) category	HDS category (1-4)	Distance (m)	Walver attached (If required)	Meets regulations		
Dall I	NE-20-37-1-W5	410m	Ag	1	427 m		Yes		
Dave	SW 29-37-1-w5	1040m	Ag .	1	1040 m		Yes		
Earl	NW 20-37-1-w5	450m	Ag	1	452 m		Yes		
L.Tisdale	NE 29-37-1-w5	730m	Ag	1	745 m		Yes		
A COMPANY									

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

AND BASE FOR PORTURE AN	D.COMPOST METERSHIP		STATE OF THE PARTY	NECE USE ONLY				
Name of land owner(s)*	Lagel land description	Usable ares** (he)	Soll sone ***	Usable area (ha)	Agreement attached (if resolved)			
N/A for an	authorization							
			Total					

^{*} If you are set the registered tendowner, you must attach copies of land use agreements signed by all landowners.

Additional information (ettach any additional information as required)

Last substact begraveled \$1,2027

^{**} Avaisable menure streading area (excluding settleck areas from residences, common bodies of water, water wells, etc. as identified in Agglex 096-5 Manure Spreading

^{***} Brown, dark brown, track, grey wooded, or irrigated

disting	Thursday .	<u>ig)</u>		Propose Propose		osed heifer	ропа
	ity and environmental risk		Fac	litine	3/13		NRCS USE ONLY
13000	Information	Existing	Proposed 1	Proposed 2	Proposed 3	Heets requirements	Communits
information	What is the elevation of the floor of the lowest manura storage or soliection facility above the 1/25 year flood plain or the highest known flood lavel?	+in = 1n	D sim	□ >1 m □ ≤1 m	> 1 m S1 m	X YES NO	Site is not located in a known flood plain
	from many springs are within 100 m of the manure storage facility or manure colection area?	None	None			YES NO	No springs observed
	More many water units are within 100 m of the manure storage facility or manure collection area?	1	0			YES NO	1 ww w/i 100 m of CFO facilities, not w/i 100 m of proposed facility
	What is the shortest distance from the manure collection or storage facility to a surface vater body? [8.6], lane, creek, alough, seasons?	175m Intermitent Greek	175m			☐ YES ☐ NO ☐ YES with exemption	Intermittent creek located approx 100 m from closest CFO fa
notion	What is the depth to the wolar table?	5.5m	5.5 m			VES NO	Confirmed
i	What is the depth to the groundwater resource/equilier you draw water from?	7.01m	7.01 m			VES WEN	Possible UGR at 4.6 m WW 1066208





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

(com	crete liner plete a copy of this section crete liner)	for EACH barn, feedlot, and s	storage facility for solid mar	nure, composting materials, or compost with
		indicated on cita plan)	1. Heifer Barn (AC	O Note, the app is not proposing to
racii	ity description / name <mark>(a</mark>	s maicated on site plan)	hav	ve a roof over the pens at this time
			2	
Manu	ire storage capacity		1	
	Length (m)	Width (m)	Depth below grade to bottom of the liner (I	
1.	27m	21m	0	few months
2.				
		are MSF/MCA; larger le pony wall thickness	dimensions TOTAL CAP	ACITY
wate	er will be directed betwee AO Note: The site al	n ditches and a inground d	rainage pipe sytem instal	natural rain water runoff and snow melt led. nanage run on. The proposed
<u>ine</u>	protection	with of the lines will be mainte	ningd	
	concrete specs on next p	rity of the liner will be mainta page showing specs.	ained	
			NRCB USE	ONLY
				Requirements met: 🛚 YES 🗌 NO

Concrete liner details
Concrete thickness

5" min



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.)

Type 50

Method of sulphate protection:

Concrete strength	Concrete reinf	orcement size and s	spacing	
25 mpa	24" on center	each way, 10mm	bar	
Concrete requirements can be found in Technical Guideline Agaideline minimums: Solid manure: 25MPa (D) Solid manure (wet): 30MPa (C) Method of sulphate protection: Type 50 or Type 10 with fly ash or equivalent	gdex 096-93		nents met: n required:	☐ YES X☐ NO ☑ YES ☐ NO ☐ YES X☐ NO
Additional information (attach as required)				
NRCB USE ONLY				
Nine month manure storage volume requirements met \Box	YES 🔽	YES With STMS	□ NO	
Depth to water table: 5.5 m	Req	uirements met:	☑ YES □	NO
Depth to Uppermost groundwater resource: 4.6 m	Req	uirements 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 added requiring that meets NRCB's technical guidelines.	t the applica	nt provide proo	f that the co	ncrete liner
Leakage detection system required: ☐ YES ☒ NO If ye	s, please explai	n why.		
				200

Part 2 — Technical Requirements Application under the Agricultural Operation Practices Act for a confined feeding oper



for existing facilities Facility Groundwater score Surface water score File number ing, maternity, young stock barn, barn addition low low RA22017 S moderate low RA22017 related comments: water well monitoring condition was added in RA22017 to address the moderate potential contents in the content in	USE ONLY RONMENTAL RISK for proposed facilities	SCREENING INFORMAT	ION	
for existing facilities Facility Groundwater score Surface water score File number low low RA22017 IS moderate low RA22017 related comments:	Facility	Groundwater score	Surface water score	File number
Facility Groundwater score Surface water score File number ving, maternity, young stock barn, barn addition low RA22017 Is moderate low RA22017 related comments: water well monitoring condition was added in RA22017 to address the moderate potential contents.	eifer pen	low	low	RA23032
Facility Groundwater score Surface water score File number ving, maternity, young stock barn, barn addition low RA22017 MS moderate low RA22017 Trelated comments: A water well monitoring condition was added in RA22017 to address the moderate potential				
Ilving, maternity, young stock barn, barn addition low	T for <u>existing</u> facilities Facility	Groundwater score	Surface water score	File number
Iow Iow RA22017 MS moderate Iow RA22017 T related comments: A water well monitoring condition was added in RA22017 to address the moderate potenti				
T related comments: A water well monitoring condition was added in RA22017 to address the moderate potenti	ming, materinty, your			RA22017
A water well monitoring condition was added in RA22017 to address the moderate potenti	MS	moderate	low	RA22017
A water well monitoring condition was added in RA22017 to address the moderate potenti				
	T related comments: A water well monitoring risk to groundwater.	ng condition was added in	RA22017 to address	s the moderate potentia
	risk to groundwater.			
	updated: 17 Dec 2020			

NRCB USE ONLY



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

NRCB USE ONLY WATER WELL AND SURFACE WATER INFORMATION								
Well IDs:	1066208		al residential well (possibly	436868?)				
Surface water rela	☐ YES ☑ NO ☐ YES ☑ NO							
Water wells If applicable, exe	ed: 🗆 YES 🗆 NO							
Surface water N/A If applicable, exemption for 30 m distance requirements applied: YES NO Condition required: YES								
Water Well Exemption Screening Tool N/A								
Wate	er Well ID	Preliminary Screening Score	Secondary Screening Score	Facility				
Groundwater o	r surface water relat	ted comments:						
Last updated: 17 D	ec 2020	NRCB US	FONLY	Page of				



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 DISTANCE SEPARATI			
Methods used to determine distance (if appl	raphy		
Margin of error (if applicable): N/A			
Requirements (m): Category 1:	Category 2:	Category 3:	Category 4:
Technology factor:		□ Y	ES NO
Expansion factor:		□ Y	ES NO
MDS related concerns from directly affected The proposed heifer pen is loca Under AOPA's Standards and building a new facility, and not i to existing neighbours	ated at the centre of	the CFO: other faci	ES □ NO lities are closer to neighbours not apply as the applicant is ced, and is not building close
LAND BASE FOR MANURE AND O	COMPOST APPLICA	TION	
Land base required:	N/A		
Land base listed:			
Area not suitable:	<u></u>		
Available area		Requirement met:	☐ YES ☐ NO
Land spreading agreements required:	☐ YES ☐ NO		
Manure management plan:	☐ YES ☐ NO	If yes, plan is attached:	
PLANS			
Cub maithed and attacked acceptance	☑ YES ☐ NO		
Submitted and attached construction plans:	X□ YES □ NO		
Submitted aerial photos:			
Submitted photos: GRANDFATHERING	☐ YES ☐ NO		
Already completed:	X YES NO	∐ N/A	
If already completed, see RA12014			
Last updated: 17 Dec 2020	NDCD LICE O	MIV	Page of



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

NRCB USE ONLY									
ALL SIGNATURES IN FILE YES NO									
DATES OF APPROVAL OFFICER SITE VISITS									
February 5, 2024									
		17150 AND DESERBAL AGENCIES							
CORRESPONDENCE WITH MUNICIPALITIES AND REFERRAL AGENCIES December 15, 2023 Date deeming letters sent:									
Municipality: Red De									
letter sent	response received	written/email	t						
Alberta Health Services	s:								
✓ letter sent	response received	written/email							
Alberta Environment and Parks:									
letter sent	response received	written/email	1						
Alberta Transportation	: 🗆 N/A								
	response received	₩ written/email	1						
Alberta Regulatory Services:									
Letter sent	response received		i						
other: Burnt Lake Gas Coop, Vesta Energy, Cenovus Energy □ N/A									
✓ Ietter sent	response received		4						
a lottor som	_ response received	Wilter work and the control of the c							
Other:									
☐ letter sent	response received	□ written/email □ verbal □ no comments received	1						
Last updated: 17 Dec 2020		Page of NRCB USE ONLY							