

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 land description
■ Approval	LA24029 1	NE 36-9-20 W4M
APPLICATION DISCLOSURE		
This information is collected under the authority of the <i>Agric</i> provisions of the <i>Freedom of Information and Protection of I</i> written request that certain sections remain private.		
Any construction prior to obtaining an NRCB permit is prosecution.	an offence and is subject to enfo	procement action, including
I, the applicant, or applicant's agent, have read and underst provided in this application is true to the best of my knowled	and the statements above, and I ac	knowledge that the information
24 SEPTEMBER 2024		
Date of signing	Signature	
Delta Cattle Ltd	Philipp Lammerding	
Corporate name (if applicable)	Print name	
GENERAL INFORMATION REQUIREMENTS		
Proposed facilities: list all proposed confined feeding op		s. Indicate whether any of the
proposed facilities are additions to existing facilities. (attack Proposed facilities	ch additional pages if needed)	Dimensions (m) (length, width, and depth)
No Change		
Existing facilities: list ALL existing confined feeding ope	ration facilities and their dimensions	
Existing facilities	Dimensions (m (length, width, and	INCE OSE ONE
20 row - RCC Pens	360x45	
30 row - RCC Pens	320x64	
40 row - Clay Pens	275x60	
NRCB USE ONLY		
AO Comment: CFO is currently permitted under LA19031.	Development Permit No. 91-1	5 and NRCB Authorization



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Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
50 Row - Clay pens	275x65	
Catch Basin #1	62x50x5	
Catch Basin #2	65x9x1.5	





■ N/A

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

onstruction completion date for proposed facilit	ies		
dditional information			100
ivestock numbers: Complete only if livestock numb	pers are different from wh	at was identified in the Part 1 a	application. Note: if
	a new Part 1 application i	nust be submitted which may i	result in a loss of
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
Livestock category and type (Available in the Schedule 2 of the Part 2 Matters		Proposed increase or decrease in number	
riority for minimum distance separation (MDS). Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation)	Permitted number 3000	Proposed increase or decrease in number (if applicable) 1950 crease livestock numbers	Total 4950 at this site by
Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation) eef Finishers AO Comment: Applicant has indicated that to 1,950 beef finishers, rather than 2,000 beef	Permitted number 3000	Proposed increase or decrease in number (if applicable) 1950 crease livestock numbers	Total 4950 at this site by
Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation) eef Finishers AO Comment: Applicant has indicated that to 1,950 beef finishers, rather than 2,000 beef	Permitted number 3000	Proposed increase or decrease in number (if applicable) 1950 crease livestock numbers	Total 4950 at this site by
Livestock category and type (Available in the Schedule 2 of the Part 2 Matters Regulation) eef Finishers AO Comment: Applicant has indicated that to 1,950 beef finishers, rather than 2,000 beef	Permitted number 3000	Proposed increase or decrease in number (if applicable) 1950 crease livestock numbers	Total 4950 at this site by



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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

	I DO want my water licence application coupled to my AOPA permit application.
Sig	ned thisday of, 20
	Signature of Applicant or Agent
<u>OP</u>	TION 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 <i>Water Act</i> 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 <i>Water Act</i> .
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 <i>Water Act</i> licence will not be relevant to EPA's consideration of whether to grant the <i>Water Act</i> licence application.
5.	I (we) acknowledge that any such construction or livestock populating will be at the CFO's sole risk if the <i>Water Act</i> licence application is denied or if the operation of the CFO is otherwise deemed to be in violation of the <i>Water Act</i> . This risk includes being required to depopulate the CFO and/or to cease
6.	further construction, or to remove "works" or "undertakings" (as defined in the <i>Water Act</i>). AS RELEVANT: I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the <i>Bow, Oldman and South Saskatchewan River Basin Water Allocation Order</i> [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.
7.	Provide: Water licence application number(s)
Sig	ned this day of, 20 Signature of Applicant or Agent
<u>OP</u>	TION 3: Additional water licence not required
	I (we) declare that the CFO will not need a new licence from EPA under the <i>Water Act</i> for the development or activity proposed in this AOPA application.
2.	Provide: Water license number(s) or water conveyance agreement details SMRID
	Agriculture Water Conveyance agreement for 55 acre feet
Sig	ned this 20 day of September , 2024 . Signature of Applicant or Agent
	Signature of Applicant of Agent



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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*).

Signature of Applicant or Agent



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GENERAL ENVIRONMENTAL INFORMATION

Delta Feedlot Pens

(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 :	Delta Feedlot Pens			Propose	d 1:		U	
Propose	d 2:			Propose	d 3:			
Facili	ty and environmental risk		Faci	lities		NRCB USE ONLY		
1 40111	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 ☐ ≤ 1 m	☐ YES ☐ NO ☐ YES with exemption		
<u>.</u> =	How many springs are within 100 m of the manure storage facility or manure collection area?	0				YES NO YES with exemption		
Surface water information	How many water wells are within 100 m of the manure storage facility or manure collection area?	0				YES NO YES with exemption		
Su	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	>150m				YES NO YES with exemption		
Water	What is the depth to the water table?	>4.5m			54	YES NO YES with exemption		
Groundwater	What is the depth to the groundwater resource/aquifer you draw water from?	>4.5m				YES NO YES with		

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

Please refer to Supporting Documentation for Application LA19031 Part 2 that includes all these reports.

AO Comment: Existing environmental information pulled from LA19031. No changes in facilities or site.

Name Address Legal Land Location

MDS Spreadsheet based on 2006 AOPA Regulations

Category of	Type of Livestock	Factor A	Technology Factor	MU	LSU Factor		Number of Animals	LSU
Livestock								
Feedlot	Beef Cows/Finishers (900+ lbs)	0.700	0.700	0.910	0.4459	Ц	4,950	2,207.2
Animals	Beef Feeders (450 - 900 lbs)	0.700	0.700	0.500	0.2450	Н		-
	Beef Feeder Calves (<550 lbs) Horses - PMU	0.700	0.700 0.700	0.275 1.000	0.1348 0.4550	Н		
	Horses - Feeders > 750 lbs	0.650 0.650	0.700	1.000	0.4550	H		
	Horses - Foals < 750 lbs	0.650	0.700	0.300	0.1365	Ħ		-
	Mules	0.600	0.700	1.000	0.4200			-
	Donkeys	0.600	0.700	0.670	0.2814		-	-
	Bison	0.600	0.700	1.000	0.4200	Ц		-
Dairy	Free Stall – Lactating Cows with all	0.800	1.100	2.000	1.7600	Н		
(*count	associated dries, heifers, and calves*	0.000	1.100	2.000	1.7000			
lactating cows only)	Free Stall – Lactating Cows with Dry Cows only*	0.800	1.100	1.640	1.4432			-
	Free Stall – Lactating Cows only	0.800	1.100	1.400	1.2320	Н		-
	Tie Stall – Lactating Cows only Loose Housing – Lactating Cows	0.800	1.000	1.400 1.400	1.1200 1.1200	H		-
	only	0.800	1.000	1.400	1.1200			-
	Dry Cow	0.800	0.700	1.000	0.5600	Ħ		-
	Replacements – Bred Heifers (Breeding to Calving)	0.800	0.700	0.875	0.4900			-
	Replacements - Growing Heifers (350 lbs to breeding)	0.800	0.700	0.525	0.2940			-
	Calves (< 350 lbs)	0.800	0.700	0.200	0.1120	Н		-
Swine	Farrow to finish *	2.000	1.100	1.780	3.9160	H		
Liquid	Farrow to wean *	2.000	1.100	0.670	1.4740	H		
(*count	Farrow only *	2.000	1.100	0.530	1.1660	П		-
sows only)	Feeders/Boars	2.000	1.100	0.200	0.4400			-
	Growers/Roasters	2.000	1.100	0.118	0.2600	Ц		-
	Weaners	2.000	1.100	0.055	0.1210	Н		-
Swine	Farrow to finish *	2.000	0.800	1.780	2.8480	H		<u> </u>
Solid	Farrow to wean *	2.000	0.800	0.670	1.0720	П		-
(*Count	Farrow only *	2.000	0.800	0.530	0.8480			-
sows only)	Feeders/Boars		0.800	0.200	0.3200			-
CONTO OTHY)		2.000				_		
SSWS Offig)	Growers/Roasters	2.000	0.800	0.118	0.1888			-
COMO OTTIY)			0.800 0.800	0.118 0.055	0.1888 0.0880			-
,	Growers/Roasters Weaners Other	2.000 2.000	0.800	0.055	0.0880			-
Poultry	Growers/Roasters Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes	2.000						-
,	Growers/Roasters Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage)	2.000 2.000 1.000 2.000	0.800 0.700 1.100	0.055 0.010 0.008 0.008	0.0880 0.0070 0.0176 0.0112			-
,	Growers/Roasters Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit)	2.000 2.000 1.000 2.000 2.000 2.000	0.800 0.700 1.100 0.700 0.700	0.055 0.010 0.008 0.008 0.008	0.0880 0.0070 0.0176 0.0112 0.0112			- - - -
,	Growers/Roasters Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers	2.000 2.000 1.000 2.000 2.000 2.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014			- - - - -
,	Growers/Roasters Weaners Street Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders	2.000 2.000 1.000 2.000 2.000 2.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140			- - - - - - -
,	Growers/Roasters Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light)	2.000 2.000 1.000 2.000 2.000 2.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.002 0.020 0.013	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091			- - - - -
,	Growers/Roasters Weaners Street Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders	2.000 2.000 1.000 2.000 2.000 2.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140			- - - - - - -
,	Growers/Roasters Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers	2.000 2.000 1.000 2.000 2.000 2.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.013 0.010	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070			-
Poultry	Growers/Roasters Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.013 0.010 0.010 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0140			-
Poultry Sheep and	Growers/Roasters Weaners Syner Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese	2.000 2.000 1.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.010 0.010 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0140 0.0840			-
Poultry	Growers/Roasters Weaners Weaners Where Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Broilers Turkey - Hens (light) Turkey - Broilers Ducks Geese Turer Sheep - Ewes/Rams Sheep - Ewes with lambs	2.000 2.000 1.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.002 0.010 0.010 0.020 0.220 0.220 0.250	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0140 0.0840 0.1050			
Poultry Sheep and	Growers/Roasters Weaners Weaners Direct Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.020 0.200 0.250 0.050	0.0880 0.0070 0.0176 0.0112 0.0114 0.0014 0.0091 0.0070 0.0070 0.0140 0.0840 0.1050 0.0210			-
Poultry Sheep and	Growers/Roasters Weaners Weaners Where Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Broilers Turkey - Hens (light) Turkey - Broilers Ducks Geese Turer Sheep - Ewes/Rams Sheep - Ewes with lambs	2.000 2.000 1.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.002 0.010 0.010 0.020 0.220 0.220 0.250	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0140 0.0840 0.1050			
Poultry Sheep and	Growers/Roasters Weaners Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Pref Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Mannies/Billies	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.010 0.010 0.010 0.020 0.250 0.050 0.100 0.170 0.170	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0091 0.0090 0.0140 0.0140 0.0140 0.0140 0.0210 0.0210 0.0210 0.0420 0.0420 0.0686			
Poultry Sheep and	Growers/Roasters Weaners Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Usber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe)	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.020 0.250 0.050 0.100 0.100 0.100 0.100	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0070 0.0070 0.0140 0.0840 0.0210 0.0420 0.0420 0.0833			
Poultry Sheep and Goats	Growers/Roasters Weaners Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Weber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0070 0.0070 0.0070 0.0070 0.0070 0.00210 0.0083 0.0686 0.0377			
Poultry Sheep and	Growers/Roasters Weaners Weaners Where Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Ther Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.020 0.250 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.1050 0.0210 0.0420 0.0833 0.0833 0.0866 0.0377			
Poultry Sheep and Goats	Growers/Roasters Weaners Weaners Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Weber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0070 0.0070 0.0070 0.0070 0.0070 0.0070 0.00210 0.0083 0.0686 0.0377			
Poultry Sheep and Goats	Growers/Roasters Weaners Weaners Where Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Ther Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.020 0.250 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.1050 0.0210 0.0420 0.0833 0.0833 0.0866 0.0377			
Poultry Sheep and Goats Cervid	Growers/Roasters Weaners Weaners Wheners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Belt Cage) Chicken - Pullets/Broilers Turkey - Hens (light) Turkey - Broilers Ducks Geese Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders Elk Deer	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700 0.700 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.013 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077 0.600 0.200	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.0370 0.0140 0.0840 0.0833 0.0686 0.0377 0.2520 0.0840			

2,207.2 Total

For New Operations Dispersion Factor

Odour Objective 41.04 54.72 68.4 109.44

Distance
Metres
68 Feet 682 909 1,136 1,818 2,237 2,983 3,729

5,966

For Expanding Operations Dispersion Factor Expansion Factor

		Dista	ance
Category	Odour Objective	Feet	Metres
1	41.04	1,723	525
2	54.72	2,297	700
3	68.40	2,871	875
4	109.44	4.594	1,400



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

			NRCB USE ONLY				
Neighbour name(s) Legal land description Distance (m)				MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Houweling Farms (A)	NW31-9-19W4,	<150m					
Houweling Farms (B)	SE36-9-20W4	<150m					
Paul Pfiffner (C)	SE1-10-20W4	510m					
Kevin Lyons (D)	SW36-9-20W4	530m					

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

				NRCB US	SE ONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (if required)
Delbert Vossebelt	See Attached	348	Irrigated		
Delta Cattle Ltd	NE36-9-20W4	40	Irrigated		
			Total		

^{*} 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)

^{**} 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

Delta Cattle

Name Address Legal Land Location 0 0

Landbase Requirements (hectares) based on 2006 AOPA requirements

Peeders (450 - 900 bs)	Peeders (450 - 900 lbs)	Category of Livestock	Type of Livestock	Animals	Dark Brown & Brown (ha)	Grey Wooded (ha)	Black (ha)	Irrigated (ha)
Feeder Calves (<550 lbs)	Feeder Calves (-550 lbs)	Feedlot	Cows/Finishers (900+ lbs)	4950.0	618.8	514.8	386.1	306.9
Horses - PMU	Horses - PMU	Animals						0.0
Horses - Feeders > 750 lbs	Horses - Feeders > 750 bs							0.0
Horses - Foals < 750 lbs	Horses - Foals < 750 lbs							
Mules	Mules							
Donkeys Donk	Donkeys Donkeys Donkeys Donkeys Bison Donkeys Donkey							
Bison	Bison							
Dairy Free Stall - Lactating Cows with all associated dries, helfers, and catating Free Stall - Lactating Cows with Dry Dows only Free Stall - Lactating Cows only Tie Stall - Lactating Cows only Dows on	Dairy Pree Stall - Lactating Cows with all associated dries, heifers, and cactating Cows only Free Stall - Lactating Cows with Dry Cows only Free Stall - Lactating Cows only Cows only Free Stall - Lactating Cows only Cows only Free Stall - Lactating Cows only Cows only Tie Stall - Lactating Cows only Cows							
Pree Stall - Lactating Cows with all acating Cows only Cows only Cows only Free Stall - Lactating Cows with Dry Cows only Free Stall - Lactating Cows only Tile Stall - Lactating Cows only Tile Stall - Lactating Cows only Cows Cows	Pree Stall - Lactating Cows with all acathers 0.0		Other		0.0	0.0	0.0	0.0
Pree Stall - Lactaling Cows with Dry Cows only Pree Stall - Lactaling Cows only Pree Stall - Lactaling Cows only Pree Stall - Lactaling Cows only O.0	Pree Stall - Lactating Cows with Dry Cows only Pree Stall - Lactating Cows only Pree Stall - Lactating Cows only 0.0	Dairy			0.0	0.0	0.0	0.0
Free Stall - Lactating Cows only Lose Housing Cows only Lose Housing - Lactating Cows only Dry Cow (Solid manure) 0.0 0.	Free Stall – Lactating Cows only Tie Stall – Lactating Cows only Loose Housing – Lactating Cows only Dry Cow (Solid manure) 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	(*count lactating	Free Stall – Lactating Cows with Dry	0.0	0.0	0.0	0.0	0.0
Tie Stall - Lactating Cows only	Tie Stall – Lactating Cows only Loose Housing – Lactating Cows only Dry Cow (Solid manure) Dry Cow (Liquid manure) Dry Cow (Liquid manure) Dry Cow (Liquid manure) Dry Cow (Liquid manure) Replacements – Bred Heifers (Breeding to Calving) Replacements – Growing Heifers (350 lbs to breeding) Calves (< 350 lbs) Dry Cow (Liquid manure) Dry Cow (Dry Cow (Dry Cow) Dry Cow (Dry	cows only)		0.0	0.0	0.0	0.0	0.0
Loose Housing - Lactating Cows only	Loose Housing - Lactating Cows only							
Dry Cow (Solid manure)	Only Dry Cow (Solid manure) Dry Cow (Liquid manure) Dry Cow (Dry Cow) Dry Cow (Dry Cow) Dry Cow (Dry Cow) Dry Cow)							
Dry Cow (Solid manure)	Dry Cow (Solid manure)			0.0	0.0	0.0	0.0	0.0
Dry Cow (Liquid manure)	Dry Cow (Liquid manure) 0.0 0.			0.0	0.0	0.0	0.0	0.0
Replacements - Bred Heifers (Breeding to Calving) Replacements - Growing Heifers (350 lbs to breeding) Calves (4350 lbs) 0.0 0.	Replacements - Bred Heifers (Breeding to Calving) Replacements - Growing Heifers (350 lbs to breeding) Calves (- 350 lbs) 0.0 0							0.0
Righeacements - Growing Heifers 0.0	Right State Carbing Replacements - Growing Heifers (350 lbs to breeding) Calves (< 350 lbs) 0.0 0.							0.0
Calves (< 350 lbs)	Calves (< 350 lbs) Calves (< 350 lbs) Calves (< 350 lbs) Count Farrow to finish * Count Ferrow to wean * Count Sows only) Feeders/Boars Count Feeders/Boars Count Farrow to finish * Count Weaners Count Feeders/Boars Count Feeders/Boars Count Farrow to wean * Count		(Breeding to Calving) Replacements - Growing Heifers					0.0
Swine Farrow to finish * 0.0	Swine Farrow to finish * 0.0							
Farrow to finish * 0.0 0	Swine Farrow to finish * 0.0		Calves (< 350 lbs)		0.0	0.0	0.0	0.0
Farrow to wean * 0.0	Farrow to wean * 0.0		Other					
Farrow only Farrow only Feeders/Boars 0.0 0.	Farrow only Feeders/Boars 0.0							
Feeders/Boars 0.0	Feeders/Boars 0.0							
Growers/Roasters 0.0	Growers/Roasters 0.0							
Weaners	Weaners	sows only)						
Swine Farrow to finish * 0.0	Swine Farrow to finish * 0.0							
Swine Farrow to finish * 0.0	Swine Farrow to finish Farrow to wean Solid Sows only) Sows only Feeders/Boars Solid Sows only Sows only Feeders/Boars Solid So				0.0	0.0	0.0	0.0
Farrow to wean * 0.0	Solid Farrow to wean * 0.0 0	Swine			0.0	0.0	0.0	0.0
Count Farrow only *	*Count Farrow only *							
Feeders/Boars	Feeders/Boars 0.0							0.0
Weaners	Weaners	sows only)		0.0				0.0
Poultry	Chicken - Breeders - Solid		Growers/Roasters	0.0	0.0	0.0	0.0	0.0
Chicken - Breeders - Solid	Chicken - Breeders - Solid Chicken - Layers - Liquid (includes 0.0		Weaners	0.0	0.0	0.0	0.0	0.0
Chicken - Layers - Liquid (includes associated pullets) O.0	Chicken - Layers - Liquid (includes associated pullets) 0.0			0.0				
associated pullets Chicken - Layers - (Belt Cage) 0.0	associated pullets Chicken - Layers - (Belt Cage) 0.0	Poultry						0.0
Chicken - Layers - (Deep Pit) 0.0 0.	Chicken - Layers - (Deep Pit) 0.0 0.		associated pullets)					0.0
Chicken - Pullets/Broilers 0.0	Chicken - Pullets/Broilers 0.0							
Turkey - Toms/Breeders	Turkey - Toms/Breeders							
Turkey - Hens (light)	Turkey - Hens (light)							
Turkey - Broilers	Turkey - Broilers							
Ducks Quest Ques	Ducks 0.0 0.							
Geese	Geese							0.0
Sheep Ewes/Rams 0.0 0.	Sheep Ewes/Rams 0.0 0.		Geese	0.0	0.0	0.0	0.0	0.0
Sheep - Ewes with lambs 0.0 0.	Sheep - Ewes with lambs 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 Sheep - Lambs 0.0		Other	0.0				
Sheep - Lambs	Sheep - Lambs	Goats and	Sheep - Ewes/Rams	0.0	0.0	0.0	0.0	0.0
Sheep - Feeders	Sheep - Feeders	Sheep	Sheep - Ewes with lambs	0.0	0.0	0.0	0.0	0.0
Goats - Meat/Milk (per Ewe) 0.0	Goats - Meat/Milk (per Ewe) 0.0							0.0
Goats - Nannies/Billies	Goats - Nannies/Billies							0.0
Goats - Feeders	Goats - Feeders							0.0
Cervid Elk 0.0 0.0 0.0 0.0 0.0 0.0 Deer 0.0 0.0 0.0 0.0 0.0 Out 0.0 0.0 0.0 0.0 Wild Boar Feeders 0.0 0.0 0.0 0.0 0.0 Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 Total Hectares 619 514.8 386.1 306.9	Cervid Elk 0.0 0.0 0.0 0.0 0.0 0.0 Deer 0.0 0.0 0.0 0.0 0.0 Out 0.0 0.0 0.0 0.0 Wild Boar Feeders 0.0 0.0 0.0 0.0 0.0 Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 Total Hectares 619 514.8 386.1 306.5							
Elk 0.0	Elk 0.0		Other		0.0	0.0	0.0	0.0
Deer 0.0	Deer 0.0 0.0 0.0 0.0 0.0 0.0 Other 0.0 0.0 0.0 0.0 0.0 Wild Boar Feeders 0.0 0.0 0.0 0.0 0.0 Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 Other 0.0 Total Hectares 619 514.8 386.1 306.9	Cervid	Flk		0.0	0.0	0.0	0.0
O.0 O.0 O.	Nild Boar Feeders 0.0	OUI VIU						
Wild Boar Feeders 0.0 0.0 0.0 0.0 Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 Oner 0.0 0.0 514.8 386.1 306.9	Wild Boar Feeders 0.0 0.0 0.0 0.0 0.0 Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 0.0 Total Hectares 619 514.8 386.1 306.9				0.0	0.0	0.0	0.0
Sow (farrowing) 0.0	Sow (farrowing) 0.0 0.0 0.0 0.0 0.0 0.0 0.0	Wild Boar			0.0	0.0	0.0	0.0
Other 0.0 Total Hectares 619 514.8 386.1 306.9	Other 0.0 Total Hectares 619 514.8 386.1 306.9	····a Doal						
Total Hectares 619 514.8 386.1 306.9	Total Hectares 619 514.8 386.1 306.9				3.0	5.0	5.0	0.0
					610	514 8	386 1	306 0
	Total Acres 1,529 1272.1 954.1 758.3					•		

Re	sidence owner(s) information
A	LL Names on land title: Pault Regula Pfiffner
L	egal land location of residence(s): SE 1-10-20 W 4
	elephone number(s) ¹ Email address(es) ¹ :
A	ddress(es)1 and Postal code(s)1: Box 682 Coaldale TIMIM6
1	Please note that personal contact information is for NRCB use ONLY and not publicly released
l aı	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 does not 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.
На	ving considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
	plication number <u>LA 24209</u>
АÞ	plication number
	Signatures or all residence owner(s) on title
	PAUL PHIFFIRM
	11120 ITITIES

Applicant information NRCB application number: LA24209
Operator/operation name: Delta Cattle Ltd
Address: Box 130 Iron Springs, AB Postal Code: T0K1G0
Legal land location of confined feeding operation: NE36-9-20W4
I have requested the residence owner(s) named below to waive the required minimum distance separation (MDS) to their residence for the <i>Agricultural Operation Practices Act</i> (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: 3000 Beef Finishers
 My application for a new AOPA permit proposes the following changes to the existing livestock category type and/or capacity at my CFO: 4950 Beef Finishers
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): No Change
I the applicant understand that the waiver is not valid unless ALL registered owners of the residence sign this document.
Permit Applicant: Date: 23 AuG 2024
Residence owner(s) to initial:

Residence owner(s) information
ALL Names on land title: Houweling Farms Ltd
Legal land location of residence(s): Nw 31-9-19 SE 36-9-20
Telephone number(s)¹: Email address(es)¹:
Address(es)¹ and Postal code(s)¹: Box 12.70 Coaldale AB TIM INI
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 <u>LA24289</u>
Printed names of all residence owner(s) on title
Date: Aug 15 2024

Applica	nt information		NRCB application num	ber: LA24209					
Operato	r/operation name:	Delta Cattle Ltd	•						
Address	Box 130 Iron	Springs, AB		Postal Code: T0K1G0					
Legal lar	nd location of con	fined feeding operati	on: NE36-9-20W4						
I have re (MDS) to above. In application	equested the residence for their residence for making this requent on and a copy of	dence owner(s) name for the <i>Agricultural Of</i> uest, I have provided the Natural Resource	ed below to waive the requ peration Practices Act (AC the owner(s) with an opposes Conservation Board (N	uired minimum distance separation (PA) permit application identified ortunity to review my permit RCB) Fact Sheet "Minimum Distoca. I have also explained:	d				
have	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 de	velopment does not r	meet the required MDS to	the owner's residence; and,					
man	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	g is a summary of	f the proposed devel	opment:						
lives	current scope of stock, if any, is: 0 Beef Finishers		operation (CFO), includin	g the type, number, and categor	y of				
type	My application for a new AOPA permit proposes the following changes to the existing livestock category, type and/or capacity at my CFO: 4950 Beef Finishers								
man	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): No Change								
residen Permit A	nce sign this do	Signature	•	ALL registered owners of the 15 Au & 2024	he				
I the apresident	Change oplicant unders nce sign this do	stand that the waive cument. Signature	ver is not valid unless	ALL registered owners of t					



PO Box 130, Iron Springs, AB, TOK 1V0 deltacattle@gmail.com

Office: 403-7384500 Cell: 403-7157110

Manure Supply Agreement

This is to confirm that Delta Cattle Ltd – the "Seller" has entered into a feedlot manure supply agreement with Chin Coulee Spuds, the "Buyer".

The buyer agrees to take an average of +-10000 mt of Feedlot Manure from Delta annually for the next 10 years. Manure will be applied on the cropland described in the table below.

Owner	Legal land description	Acres	Irrigated/Dryland
DV Farms	SE-12-10-20 W4	145	Irrigated
DV Farms	NE-17-10-18 W4	145	Irrigated
DV Farms	NW-17-10-18 W4	145	Irrigated
DV Farms	SE-17-10-18 W4	145	Irrigated
DV Farms	SW-17-10-18 W4	145	Irrigated
DV Farms	NE-16-10-18 W4	145	Irrigated

Signed at <u>LOALDALE</u>	on this 18th day of SETTEMBLE	_
Seller PHILIP LAMMER DING	Signature	
Buyer Delbert Vossebelt	Signature	