

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 land description
<input checked="" type="checkbox"/> Approval <input type="checkbox"/> Registration <input type="checkbox"/> Authorization <input type="checkbox"/> Amendment	<u>BA25008</u>	<u>SW 12-55-27 W4M</u>

APPLICATION DISCLOSURE

This information is collected under the authority of the *Agricultural Operation Practices Act* (AOPA), and is subject to the provisions of the *Freedom of Information and Protection of Privacy Act*. This information is public unless the NRCB grants a written request that certain sections remain private.

Any construction prior to obtaining an NRCB permit is an offence and is subject to enforcement action, including prosecution.

I, the applicant, or applicant's agent, have read and understand the statements above, and I acknowledge that the information provided in this application is true to the best of my knowledge.

Date of signing FEB 21 2025

Signature

Print name

Corporate name (if applicable)

GENERAL INFORMATION REQUIREMENTS

Proposed facilities: list all proposed confined feeding operation facilities and their dimensions. Indicate whether any of the proposed facilities are additions to existing facilities. (attach additional pages if needed)	
Proposed facilities	Dimensions (m) FT (length, width, and depth)
LAYER B x 2 1 barn removed from application	450 x 65 (137 m x 20 m)
M STORAGE changed to 120ft x 80ft (36.5 m x 24 m) attached to back of barn	150 x 80
PULLEY B	450 x 65 (137 m x 20 m)
M STORAGE changed to 120ft x 80ft (36.5 m x 24 m)	60 x 80
Grading / Cooler	140 x 80

Existing facilities: list ALL existing confined feeding operation facilities and their dimensions		
Existing facilities	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
Pens x 9		
NRCB USE ONLY Existing grandfathered CFO as per PB24001. Application is to change category from beef to poultry chicken layers. Existing CFO pens to be decommissioned.		

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

Change category from beef CFO to layer CFO.

Existing CFO pens to be decommissioned. Site will be no longer permitted for beef CFO.

Construction completion date for proposed facilities End of 2027

Additional information

Original application was for 220,000 layers and 110,000 pullets.
Update letter sent June 4, 2025, notifying applicant changed numbers to 115,000 layers and 115,000 pullets. This is a decrease in manure, odour production and notification radius and therefore does not require a new application.

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

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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 _____, 20____.

Signature of Applicant or Agent

OPTION 3: Additional water licence not required

1. I (we) declare that the CFO will not need a new licence from EPA under the *Water Act* for the development or activity proposed in this AOPA application.
2. **Provide:** Water license number(s) or water conveyance agreement details 00192069-00-00

Signed this 21 day of February, 2025.

Signature of Applicant or 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*).
6. **AS RELEVANT:** I (we) acknowledge that the CFO is located in the South Saskatchewan River Basin and that, pursuant to the *Bow, Oldman and South Saskatchewan River Basin Water Allocation Order* [Alta. Reg. 171/2007], this basin is currently closed to new surface water allocations.
7. **Provide:** Water license number(s) or water conveyance agreement details _____

Signed this ____ day of _____, 20____.

Signature of Applicant or Agent

Updated site plan proposed June 4, 2025. Page added



○ water wells



Image © 2025 Airbus

egg gathering/service area

barns

pads



Existing CFO pens to be decommissioned and no longer used for CFO use.

Old Site plan now replaced.





Water Well Drilling Report

[View in Imperial](#) [Export to Excel](#)

GIC Well ID 280664
GoA Well Tag No.
Drilling Company Well ID
Date Report Received 1973/12/19

GOWN ID

The driller supplies the data contained in this report. The Province disclaims responsibility for its accuracy. The information on this report will be retained in a public database.

Well Identification and Location										Measurement in Metric		
Owner Name		Address			Town		Province		Country		Postal Code	
CAMPBELL, DON		CALAHOO										
Location	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description			
	SW	12	55	27	4							
Measured from Boundary of					GPS Coordinates in Decimal Degrees (NAD 83)					Elevation		m
					Latitude 53.734258 Longitude -113.886585					How Elevation Obtained		
					How Location Obtained					Not Obtained		
					Map							

Drilling Information	
Method of Drilling Rotary	Type of Work New Well
Proposed Well Use Domestic & Stock	

Formation Log			Measurement in Metric	
Depth from ground level (m)	Water Bearing	Lithology Description		
5.49		Red Soft Clay		
25.91		Blue Gray See Comments Shale & Sandstone		

Yield Test Summary				Measurement in Metric	
Recommended Pump Rate 0.00 L/min					
Test Date	Water Removal Rate (L/min)		Static Water Level (m)		
1973/12/11	15.91		0.00		

Well Completion				Measurement in Metric	
Total Depth Drilled	Finished Well Depth	Start Date	End Date		
25.91 m			1973/12/11		
Borehole					
Diameter (cm)	From (m)	To (m)			
0.00	0.00	25.91			
Surface Casing (if applicable)			Well Casing/Liner		
			Steel		
Size OD :	0.00 cm		Size OD :	13.97 cm	
Wall Thickness :	0.000 cm		Wall Thickness :	0.396 cm	
Bottom at :	0.00 m		Top at :	0.00 m	
			Bottom at :	25.91 m	
Perforations					
From (m)	To (m)	Diameter or Slot Width (cm)	Slot Length (cm)	Hole or Slot Interval (cm)	
3.05	22.86	0.000		0.00	
Perforated by					
Annular Seal Loose					
Placed from 0.00 m to 7.62 m					
Amount					
Other Seals					
Type At (m)					
Screen Type					
Size OD : 0.00 cm					
From (m) To (m) Slot Size (cm)					
Attachment					
Top Fittings Bottom Fittings					
Pack					
Type Grain Size					
Amount					

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well UNKNOWN NA DRILLER	Certification No 1
Company Name SIMPSON DRILLING LTD.	Copy of Well report provided to owner Date approval holder signed



Water Well Drilling Report

View in Imperial **Export to Excel**

GIC Well ID 280664

GoA Well Tag No.

Drilling Company Well ID

Date Report Received 1973/12/19

GOWN ID

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Well Identification and Location										Measurement in Metric
Owner Name	Address				Town	Province	Country	Postal Code		
CAMPBELL, DON	CALAHOO									
Location	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description	
	SW	12	55	27	4					
Measured from Boundary of					GPS Coordinates in Decimal Degrees (NAD 83)			Elevation _____ m		
_____ m from					Latitude 53.734258 Longitude -113.886585			How Elevation Obtained		
_____ m from					How Location Obtained			Not Obtained		
					Map					

Additional Information										Measurement in Metric
Distance From Top of Casing to Ground Level _____ cm										
Is Artesian Flow _____										Is Flow Control Installed _____
Rate _____ L/min										Describe _____
Recommended Pump Rate					0.00 L/min		Pump Installed Yes		Depth _____ m	
Recommended Pump Intake Depth (From TOC)					21.34 m		Type SUB		Make MACDOUGAL H.P. _____	
										Model (Output Rating) _____
Did you Encounter Saline Water (>4000 ppm TDS)					Depth _____ m		Well Disinfected Upon Completion _____			
Gas _____					Depth _____ m		Geophysical Log Taken _____			
Remedial Action Taken:					Submitted to ESRD					
Additional Comments on Well										Sample Collected for Potability _____ Submitted to ESRD _____
18-85'SEAMS OF COAL AND SOAPSTONE. ORIGINALLY IN RGE 25										

Yield Test			Taken From Ground Level		Measurement in Metric
Test Date	Start Time	Static Water Level	Depth to water level		
1973/12/11	12:00 AM	0.00 m	Pumping (m)	Elapsed Time	Recovery (m)
				Minutes:Sec	
Method of Water Removal					
Type Pump _____					
Removal Rate 15.91 L/min					
Depth Withdrawn From 21.34 m					
If water removal period was < 2 hours, explain why					

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
	L	

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well	Certification No
UNKNOWN NA DRILLER	1
Company Name	Copy of Well report provided to owner Date approval holder signed
SIMPSON DRILLING LTD.	



Water Well Drilling Report

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View in Imperial **Export to Excel**

GIC Well ID 263301
GoA Well Tag No.
Drilling Company Well ID
Date Report Received 1935/07/02

GOWN ID

Well Identification and Location										Measurement in Metric	
Owner Name		Address			Town		Province		Country		Postal Code
DHOEDT, L.		CALAHOO									
Location	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description		
4		12	55	27	4						
Measured from Boundary of					GPS Coordinates in Decimal Degrees (NAD 83)					Elevation	
_____ m from					Latitude 53.732450 Longitude -113.889634					699.52 m	
_____ m from					How Location Obtained					How Elevation Obtained	
					Field					Estimated	

Drilling Information	
Method of Drilling Drilled	Type of Work New Well
Proposed Well Use Domestic & Stock	

Formation Log		Measurement in Metric
Depth from ground level (m)	Water Bearing	Lithology Description

Yield Test Summary		Measurement in Metric
Recommended Pump Rate	0.00 L/min	
Test Date	Water Removal Rate (L/min)	Static Water Level (m)
1929/01/01		18.29

Well Completion		Measurement in Metric
Total Depth Drilled	Finished Well Depth	Start Date
83.82 m		1929/01/01
Borehole		
Diameter (cm)	From (m)	To (m)
0.00	0.00	83.82
Surface Casing (if applicable)		Well Casing/Liner
Unknown		Unknown
Size OD :	10.16 cm	Size OD :
Well Thickness :	0.000 cm	Well Thickness :
Bottom at :	30.48 m	Bottom at :
Perforations		
From (m)	To (m)	Diameter or Slot Width (cm)
Perforated by Unknown		
Annular Seal		
Placed from 0.00 m to 0.00 m		
Amount		
Other Seals		
Type At (m)		
Screen Type		
Size OD : 0.00 cm		
From (m)	To (m)	Slot Size (cm)
Attachment		
Top Fittings Bottom Fittings		
Pack		
Type Grain Size		
Amount		

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well UNKNOWN NA DRILLER	Certification No 1
Company Name UNKNOWN DRILLER	Copy of Well report provided to owner Date approval holder signed



Water Well Drilling Report

View in Imperial **Export to Excel**

GIC Well ID 263301

GoA Well Tag No.

Drilling Company Well ID

Date Report Received 1935/07/02

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GOWN ID

Well Identification and Location										Measurement in Metric	
Owner Name		Address			Town		Province		Country		Postal Code
DHOEDT, L.		CALAHOO									
Location	1/4 or LSD	SEC	TWP	RGE	W of MER	Lot	Block	Plan	Additional Description		
	4	12	55	27	4						
Measured from Boundary of					GPS Coordinates in Decimal Degrees (NAD 83)					Elevation	
_____ m from					Latitude 53.732450 Longitude -113.889634					699.52 m	
_____ m from					How Location Obtained					How Elevation Obtained	
					Field					Estimated	

Additional Information										Measurement in Metric	
Distance From Top of Casing to Ground Level _____ cm											
Is Artesian Flow _____ Is Flow Control Installed _____											
Rate _____ L/min Describe _____											
Recommended Pump Rate 0.00 L/min Pump Installed _____ Depth _____ m											
Recommended Pump Intake Depth (From TOC) 0.00 m Type _____ Make _____ H.P. _____											
Model (Output Rating) _____											
Did you Encounter Saline Water (>4000 ppm TDS) _____ Depth _____ m Well Disinfected Upon Completion _____											
Gas _____ Depth _____ m Geophysical Log Taken _____											
Remedial Action Taken. Submitted to ESRD _____											
Sample Collected for Potability _____ Submitted to ESRD _____											
Additional Comments on Well											
OWNER REPORTS SOFT WATER.											

Yield Test				Taken From Ground Level		Measurement in Metric	
Test Date		Start Time		Depth to water level		Recovery (m)	
1929/01/01		12:00 AM		18.29 m			
Pumping (m)				Elapsed Time			
				Minutes:Sec			
Method of Water Removal							
Type _____							
Removal Rate _____ L/min							
Depth Withdrawn From 0.00 m							
If water removal period was < 2 hours, explain why							

Water Diverted for Drilling		
Water Source	Amount Taken	Diversion Date & Time
	L	

Contractor Certification	
Name of Journeyman responsible for drilling/construction of well	Certification No
UNKNOWN NA DRILLER	1
Company Name	Copy of Well report provided to owner Date approval holder signed
UNKNOWN DRILLER	

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GENERAL ENVIRONMENTAL INFORMATION

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

Facility description / name (as indicated on site plan)

Existing: Pen 9

Proposed 1: Layer barn

Proposed 2: Pellet barn

Proposed 3: _____

Facility and environmental risk information		Facilities				NRCB USE ONLY	
		Existing	Proposed 1	Proposed 2	Proposed 3	Meets requirements	Comments
Flood plain information	What is the elevation of the floor of the lowest manure storage or collection facility above the 1:25 year flood plain or the highest known flood level?	<input checked="" type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	Not in flood plain
Surface water information	How many springs are within 100 m of the manure storage facility or manure collection area?	0	0	0		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	No known springs
	How many water wells are within 100 m of the manure storage facility or manure collection area?	0	0	0		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	Confirmed: 273 m and 171 m
	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	170m	200m	200m		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	232 m to seasonal drainage
Groundwater information	What is the depth to the water table?		7m	7m		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	Application is at grade, meets requirements.
	What is the depth to the groundwater resource/aquifer you draw water from?	21m	21m	21m		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	5.49 m ID 280664 Other drill holes indicated potentially 15.24 m

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

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NRCB USE ONLY

ENVIRONMENTAL RISK SCREENING INFORMATION

ERST for proposed facilities

Facility	Groundwater score	Surface water score	File number
Layer barn and manure pad	Low	Low	BA25008
Pullet barn and manure pad	Low	Low	BA25008

ERST for existing facilities

Facility	Groundwater score	Surface water score	File number
Existing facilities to be decommissioned and no longer consider CFO facilities			

ERST related comments:

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NRCB USE ONLY

WATER WELL AND SURFACE WATER INFORMATION

Well IDs:	ID 280664	ID 263301	

Surface water related concerns from directly affected parties or referral agencies: ☒ YES ☐ NO

Groundwater related concerns from directly affected parties or referral agencies: ☒ YES ☐ NO

Water wells ☒ N/A

If applicable, exemption for 100 m distance requirements applied: ☐ YES ☐ NO Condition required: ☐ YES ☐ NO

Surface water ☒ N/A

If applicable, exemption for 30 m distance requirements applied: ☐ YES ☐ NO Condition required: ☐ YES ☐ NO

Water Well Exemption Screening Tool ☒ N/A

[illegible]

Groundwater or surface water related comments:

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

			NRCB USE ONLY				
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
1) Peters	Ne-2-55-27-W4	566m	Ag	Cat 1	586 m	n/a	Yes
2) Storchuck	NW-12-55-27-W4	564m	Ag	Cat 1	588 m	n/a	Yes

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

				NRCB USE ONLY	
Name of land owner(s)*	Legal land description	Usable area** (ha) acres	Soil zone ***	Usable area (ha)	Agreement attached (if required)
Merrick	NW-1-55-27-W4	160		149 ac	Owned
Merrick	SW-12-55-27-W4	160		114 ac	Owned
Merrick	NW-24-55-27-W4	154.81		146 ac	Owned
Merrick	SW-24-55-27-W4	160		152 ac	Owned

See Attached

Total 561 ac (additional available see following pages)

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

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

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

Additional information (attach any additional information as required)

Spreading agreement attached.





Manure Spreading Agreement

This agreement is between AMIN VALJI, manure producer, and
ROBB MCCOLLUM manure receiver.

Length of agreement: This agreement is valid for a time period of 3YRS
(minimum of one year)

Legal land location	Soil type ¹	Acres suitable for manure spreading ²
SEE ATTACHED		

¹ Soil type choices: Dark brown and brown, Grey wooded, Black, Irrigated.

² Land within required setbacks from water bodies, water wells, residences, etc. is not to be included.

Other comments:

Manure producer (Confined Feeding Operation) Legal Land Location SW 1255 27 W 4

02/21/2025
Date of signing



AMIN VALJI
Print name

Corporate name(if appl)

Manure Receiver – Landowner(s)³

02/21/2025
Date of signing

Signature

Robb McCollum
Print name

McCollum Farms LTD
Corporate name(if appl)

Date of signing

Signature

Print name

Corporate name(if appl)

³ All registered owners of land, or authorized signing authorities must sign.

McCollum Farms		Crop Year 2018		Blair Cell: [REDACTED]		
[REDACTED]		Robb Cell: [REDACTED]				
Legal Location	Field Name	Acres	Crop Grown	Variety	Date Seeded	Comments
NW 23-54-26 W4	Murray's	70	HRS Wheat	AAC Connery		Manure
SW 7-55-25 W4	Gramlach	105	HRS Wheat	AAC Connery		
SW 1-55-26 W4	* Lang's	145	HRS Wheat	AAC Connery		ESN
SE 35-54-26 W4	Elliot	100	HRS Wheat	Carberry		
NE 35-54-28 W4	Twin Deer	60	HRS Wheat	Carberry		
W 11-55-26 W4	McLeod's	305	HRS Wheat	Carberry		Manure, Fierce (pre)
NE 11-55-26 W4	Amin Dad's	130	HRS Wheat	Carberry		Manure
SW 12-55-26 W4	Amin's	70	HRS Wheat	Carberry		Manure
SW 13-55-26 W4	Fuhr's N	155	HRS Wheat	Carberry		
NW 12-55-26 W4	Fuhr's Home S	70	HRS Wheat	Carberry		
S 14-54-26 W4	Thatcher	280	HRS Wheat	CF 5605		Fierce (pre) ESN
SP S 22-54-26 W4	Ingross/Blair	150	HRS Wheat	CF 5605		ESN
NPS 22-54-26 W4	Home/Robb	150	HRS Wheat	CF 5605		ESN, Bio Sol
SP NE 22-54-26 W4	Boyko	35	HRS Wheat	CF 5605		ESN
SE 34-54-26 W4	Blair	77	HRS Wheat	CF 5605		ESN, Bio Sol
E 1/2 38-54-26 W4	Franchie	280	LL Canola	L255pc		
SE 22-52-27 W4	Creekside	200	LL Canola	L241c		Manure
N 1/2 SE 15-54-26 W4	Bev Watt	75	LL Canola	L255pc		
W 1/2 12-54-26 W4	George's	180	LL Canola	L255pc		
SW 12-54-26 W4	Ray Rouault	156	LL Canola	L255pc		
SE 23-54-26 W4	Ron Rouault	77	LL Canola	L255pc		
N 1/2 14-54-26 W4	King (Rouault)	154	RR Canola/soy	46cs86		30 Soy, Pioneer (2ac trial)
SW 23-54-26 W4	Bazzani	160	Malt Barley	Gopeland		
SP NE SE 23-54-26	Gateway	165	Malt Barley	Gopeland		
RL 58-53-26 W4	Joanne's	220	Malt Barley	Gopeland		
RL 4-58-26 W4	Len's South	118	Malt Barley	Gopeland		
NE 34-58-26 W4	Len's West	128	Malt Barley	Gopeland		
1-54-26 W4	Andre's	168	Malt Barley	Gopeland		
SP SE 23-54-25 W4	D Rouault	30	Malt Barley	Gopeland		
SE 5-54-26 W4	@egg N	120	oats			
E 32-53-26 W4	@egg Pasture	100	* Grass			

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NRCB USE ONLY

MINIMUM DISTANCE SEPARATION

Methods used to determine distance (if applicable): Google earth

Margin of error (if applicable): +/- 3 m

Requirements (m): Category 1: 585 m Category 2: 780 m Category 3: 975 m Category 4: 1559 m

Technology factor:

☐ YES ☒ NO

Expansion factor:

☐ YES ☒ NO

MDS related concerns from directly affected parties or referral agencies:

☒ YES ☐ NO

A survey condition will be included to confirm the MDS requirement is met.

MDS is measured from beginning of layer barn where livestock/manure is contained.

LAND BASE FOR MANURE AND COMPOST APPLICATION

Land base required: 624.5 ha black soil zone. Combined land required with kuku farms
1270 ha black total.

Land base listed: 1905 ha

Area not suitable: -229 ha

Available area: 1676 ha

Requirement met: ☒ YES ☐ NO

Land spreading agreements required: ☒ YES ☐ NO

Manure management plan: ☐ YES ☐ NO

If yes, plan is attached: ☐

Applicant has manure transfer agreement. This individual also receives manure from the applicants other CFO. Calculation for both CFOs was completed to ensure land base available for both operations. Spreading lands are in black soil zone. Applicant has indicated he could obtain additional spreading lands if required.

PLANS

Submitted and attached construction plans: ☒ YES ☐ NO

Submitted aerial photos: ☒ YES ☐ NO

Submitted photos: ☐ YES ☒ NO

GRANDFATHERING

Already completed: ☒ YES ☐ NO ☐ N/A

If already completed, see PB24001

Site holds a grandfathered CFO permit for 1,000 beef finishers.

This application is to change category, however the MDS requirements for a new layer CFO can be met.

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

ALL SIGNATURES IN FILE

☒ YES ☐ NO

DATES OF APPROVAL OFFICER SITE VISITS

February 26, 2025	
June 17, 2025	
July 17, 2025	

CORRESPONDENCE WITH MUNICIPALITIES AND REFERRAL AGENCIES

Date deeming letters sent: February 26, 2025

Municipality: Sturgeon County

☒ letter sent ☒ response received ☒ written/email ☐ verbal ☐ no comments received

Alberta Health Services:

☒ letter sent ☒ response received ☒ written/email ☐ verbal ☐ no comments received

Alberta Environment and Parks: ☐ N/A

☒ letter sent ☐ response received ☐ written/email ☐ verbal ☒ no comments received

Alberta Transportation: ☒ N/A

☐ letter sent ☐ response received ☐ written/email ☐ verbal ☐ no comments received

Alberta Regulatory Services: ☒ N/A

☐ letter sent ☐ response received ☐ written/email ☐ verbal ☐ no comments received

Other: Apex Utilities ☐ N/A

☒ letter sent ☒ response received ☒ written/email ☐ verbal ☐ no comments received

Other: ☐ N/A

☐ letter sent ☐ response received ☐ written/email ☐ verbal ☐ no comments received

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)

SOLID MANURE, COMPOST, & COMPOSTING MATERIALS: Barns, feedlots, & storage facilities - Concrete liner

(complete a copy of this section for **EACH** barn, feedlot, and storage facility for solid manure, composting materials, or compost with a concrete liner)

Facility description / name (as indicated on site plan)

4. Manure Storage

1. Layer ~~x 2~~

2. Manure Storage

3. Pullet

Manure storage capacity

	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRCB USE ONLY Estimated storage capacity (m³)
1.	450A (137m)	65F1 (20m)	0	
2.	46m 36.5 m	24m	0	
3)	137 m	20 m	TOTAL CAPACITY	
4)	46m 36.5 m	24 m		
				Adequate storage for solid manure on site

☐ I plan to use a short-term solid manure storage (STMS) as part of my manure storage and handling plan for this CFO. The AOPA requirements for STMS are set out in the NRCB [Short-Term Solid Manure Storage Requirements Fact Sheet](#).

Surface water control systems

Describe the run-on and runoff control system

Roof gutters direct run-off around facilities

Liner protection

Describe how the physical integrity of the liner will be maintained

Monitor for cracks, fix as needed

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO

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)

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

Concrete liner details

Concrete thickness 6 inch	Method of sulphate protection: T50 or similar
Concrete strength 25 mpa	Concrete reinforcement size and spacing 18 inch/oc /16" o/c

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

NRCB USE ONLY

Requirements met: ☒ YES ☐ NO

Condition required: ☒ YES ☐ NO

Report attached: ☐ 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 Requirements met: ☒ YES ☐ NO

Depth to Uppermost groundwater resource: 5.49 m Requirements met: ☒ YES ☐ NO

ERST completed: ☒ see ERST page for details

Surface water control systems

Requirements met: ☒ YES ☐ NO Details/comments:

Manure storage is under roof and site to be properly landscaped to control runoff and runoff.

Concrete liner details

Applicant to provide documentation confirming concrete information.

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