

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 type="checkbox"/> Approval <input type="checkbox"/> Registration <input type="checkbox"/> Authorization	LA25008	SE-03-011-20 W4
<input type="checkbox"/> Amendment		

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.

5/30/2025

Date of signing

Kolk Farms Ltd

Corporate name (if applicable)

Signed digitally by Brad Deleeuw

Signature

Brad Deleeuw

Print name

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) (length, width, and depth)
K3 Pens: Feedlot	430 x 230 x 0

Existing facilities: list ALL existing confined feeding operation facilities and their dimensions		
Existing facilities	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
K3 Feedlot: Feedlot	434 x 390 x 1	
Catch Basin South: Catch Basin	47 x 148 x 2	
Catch Basin North: Catch Basin	42 x 95 x 2	
NRCB USE ONLY		

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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

Construction completion date for proposed facilities 11/30/2026

Additional information

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

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 _____

Signed this 20 day of May, 2025.

Signed digitally by Brad Deleeuw

Signature of Applicant or Agent

Part 2 – Technical Requirements

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

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The application must include the figures identified below at a minimum

FIGURE 1: AREA / LARGE SCALE PLAN

(e.g. municipality maps, overview images from Google Earth, etc.)

The application must include an area plan to scale, unless otherwise directed by the approval officer. An area plan should include:

- North arrow
- Legal land description(s) of the proposed development and immediately surrounding properties
- Roadways
- Property lines
- Distances between the confined feeding operation and neighbouring residences
- Water courses, common bodies of water, springs, and water wells within 800 m of the CFO
- Runoff patterns

FIGURE 2: DETAILED SITE LAYOUT PLAN

The application must include a detailed site layout plan unless otherwise directed by the approval officer. At a minimum, the site plan should include the following:

- North arrow
- Legal land description(s)
- Water bodies
- Water wells and springs
- Monitoring wells (if applicable)
- Property lines
- Barns, corrals, and pens
- Manure storage facilities and manure collection areas
- Surface water control systems, if required by an approval officer
- Setbacks to property lines and boundaries
- Right-of-ways (roads, utilities, etc.)
- Any other pertinent information related to the CFO

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

Neighbour name(s)	Legal land description	Distance (m)	NRCB USE ONLY			
			Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)
Klassen	SE 4-11-20	207				
Stronks	NW 34-10-20	385				
Iwamoto	NE-4-11-20	793				
Klingenberg	NE 32-10-20	915				
Van Diemen	SW 4-11-20	1001				

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

Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	NRCB USE ONLY	
				Usable area (ha)	Agreement attached (if required)
Kolk Farms Ltd	Sec 10-12-20 W4	174	Irrigated		
Kolk Farms Ltd	South 17-12-20 W4	130	Irrigated		
Kolk Farms Ltd	Sec 15-12-20	125	Irrigated		
Kolk Farms Ltd	North 1/2 -9-12-20 W4	100	Irrigated		
Kolk Farms Ltd	South 1/2 -16-12-20 W4	38	Irrigated		
Total					

* 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)

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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: K3 Feedlot

Proposed 1: K3 Pens

Proposed 2:

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 type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> >1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> > 1 m <input type="checkbox"/> ≤ 1 m	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
	How many springs are within 100 m of the manure storage facility or manure collection area?	0	0			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
Surface water information	How many water wells are within 100 m of the manure storage facility or manure collection area?	0	0			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	172	60			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
Groundwater information	What is the depth to the water table?	4	15			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
	What is the depth to the groundwater resource/aquifer you draw water from?	1000	100			<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	

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

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

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

Facility description / name (as indicated on site plan)

1. K3 Pens
- 2.

Manure storage capacity

	Length (m)	Width (m)	Depth below grade to the bottom of the liner (m)	NRCB USE ONLY Estimated storage capacity (m ³)
1.	430	230	0	
2.				
TOTAL CAPACITY				

☐ 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 designed slope to catchbasin, berm perimeter to control run on. The current east catch basin will be extended to contain 26024m3 minimum.

Liner protection

Describe how the physical integrity of the liner will be maintained
Continuous observation and RCC

NRCB USE ONLY

Requirements met: ☐ YES ☐ NO

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

Compacted soil liner details

Thickness of compacted liner	0.5m (m)			Provide compacted liner details (as required) imported clay
Soil texture	0 % sand	0 % silt	0 % clay	
Atterberg limits	Plastic limit 0	Liquid limit 0	Plasticity index 0	
Hydraulic conductivity	Hydraulic conductivity (cm/s) 4.2E -08 cm/s			
	Describe test standard used Permeability Test			

Additional information (attach copies of soil test reports)

NRCB USE ONLY

Requirements met: ☐ YES ☐ NO
 Condition required: ☐ YES ☐ NO
 Report attached: ☐ YES ☐ NO

NRCB USE ONLY

Nine month manure storage volume requirements met ☐ YES ☐ YES With STMS ☐ NO
 Depth to water table: _____ Requirements met: ☐ YES ☐ NO
 Depth to uppermost groundwater resource: _____ Requirements met: ☐ YES ☐ NO
 ERST completed: ☐ see ERST page for details

Surface water control systems

Requirements met: ☐ YES ☐ NO Details/comments:

Compacted soil liner details

Hydraulic conductivity after adjustment: _____

Liner specification comments (e.g. compaction, moisture content, thickness):

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



P.O. Box 130
Iron Springs, AB T0K 1G0
Business: (403) 738-4596

E-mail: ltkolk@telusplanet.net

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Fax: (403) 738-4231
Cell: (403) 382-7231

January 14, 2025

Attn: Natural Resources Conservation Board

Consent for permit application

Dear: To Whom It May Concern

I Leighton Kolk of Kolk Farms Ltd at Box 130 at Iron Springs Alberta give my consent to Brad Deleeuw to represent Kolk Farms throughout this application process. This letter serves as my formal agreement and acknowledgement for the stated purpose.

Please feel free to contact me if you require further information.

Sincerely,

Leighton Kolk

A large black rectangular redaction box covering the signature and name of the sender.

A black rectangular redaction box covering the contact information of the sender.

Leighton@kolkfarms.com

Minimum Distance Separation (MDS) Waiver (declaration)

Applicant information

NRCB application number: LA25008

Operator/operation name: Kolk Farms Ltd

Address: Box 130 Iron Springs AB Postal Code: T0K 1G0

Legal land location of confined feeding operation: SW-3-11-20-W4

I have requested the residence owner(s) named below to waive the required minimum distance separation (MDS) to their residence for the *Agricultural Operation Practices Act* (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:
9500 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:
additional 5500 beef finishers (15000 beef finshers total)
- 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):
3 alleys 320m X62m each, one catch pond to collect 5000m3 or more.

Site plan attached

I the applicant understand that the waiver is not valid unless ALL registered owners of the residence sign this document.

Permit Applicant: Leighton Kolk Date: June 28, 2025
Signature

Residence owner(s) to initial: [Redacted]

Minimum Distance Separation (MDS) Waiver (declaration)

Residence owner(s) information

ALL Names on land title: Stronks Feedlot Ltd.

Legal land location of residence(s): NW-33-10-20W4

Telephone number(s)¹: [REDACTED] Email address(es)¹: [REDACTED]

Address(es)¹ and Postal code(s)¹: Box 870 Picture Butte Tok 1V0

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 LA25008

Signatures of all residence owner(s) on title

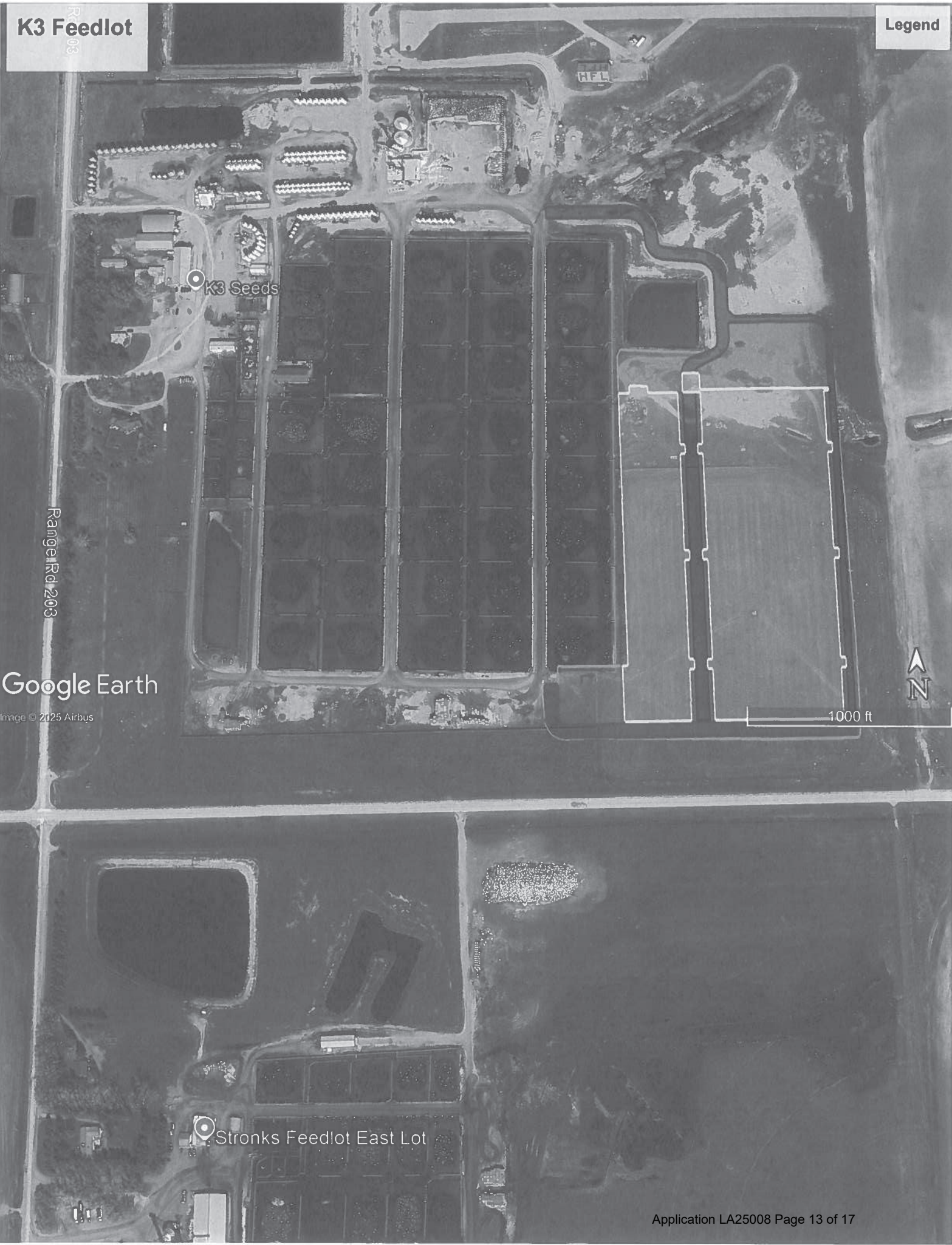
Ed Stronks

Printed names of all residence owner(s) on title

Date: April 29 2024

K3 Feedlot

Legend



Google Earth

Image © 2025 Airbus

As required by the Health of Animals Regulations, no person who transports an animal shall leave the animal at a slaughter establishment or assembly centre unless the person has provided the consignee with a written notice that the animal has arrived at the slaughter establishment or assembly centre and a document that contains the following information:

1. The condition of the animal(s) on arrival;

All Acceptable: Yes or No

If any compromised or unfit, record how many: _____

2. The date and time when and the place where the animal(s) were last fed, watered and rested

Date: _____ Time: _____

Place: _____

3. The date and time of arrival of the animal(s) at the slaughter establishment (Cargill High River)

Date: _____ Time: _____

The responsibility for the care of the animal is transferred from the person who transports the animal to the consignee as soon as the consignee acknowledges receipt of the notice and document. For greater certainty, the consignee who assumes responsibility for the care of an animal shall comply with the requirements with respect to feed, water and rest .

Transporter Signature: _____

Cargill Signature: _____

Manifest # _____



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Manure Supply Agreement

This is to confirm that Kolk Farms Ltd– the “Seller” has entered into a feedlot manure supply agreement with Jordan Kolk, the “Buyer”.

The buyer agrees to take an average of +-5000mt of Feedlot Manure from Kolk Farms Ltd 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
Jordan Kolk	SW 14-11-20 W4	155	Irrigated
Jordan Kolk	NW 14-11-20 W4	155	Irrigated

Signed at Iron Springs on this 12 day of February, 2021

Seller [Redacted] Leighton Kolk Signature [Redacted]

Buyer Jordan Kolk Signature [Redacted]



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Cell: (403) 382-7231

Manure Supply Agreement

This is to confirm that Kolk Farms Ltd – the “Seller” has entered into a feedlot manure supply agreement with Delbert Vossebelt , the “Buyer”.

The buyer agrees to take an average of +-4000mt of Feedlot Manure from Kolk Farms Ltd 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
Delbert Vossebelt	SW 11-11-20 W4	155	Irrigated
Delbert Vossebelt	NW 11-11-20 W4	155	Irrigated

Signed at Chin , Alberta on this 12 day of February , 2025

Signed by:



Seller Jordan Kolk Signature _____

DocuSigned by:



Buyer Delbert Vossebelt Signature _____



Range Rd 208

Range Rd 203

K3 Seeds

1000 ft