

Part 2 — Technical Requirements



NRCB Natural Resources
Conservation Board

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	<u>LA24016</u>	<u>N½ 22-9-19 W4M</u>
<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.

Mar 27 2024
Date of signing

[Redacted]
Signature

WJ Feeders Ltd
Corporate name (if applicable)

John Van Beekungh
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)
<u>No additional facilities</u>	
<u>only increasing livestock numbers, not</u>	
<u>proposing any construction of facilities</u>	

Existing facilities: list ALL existing confined feeding operation facilities and their dimensions		
Existing facilities	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
<u>See next page</u>		

NRCB USE ONLY
<u>WJ Feeders currently permitted under NRCB Approval LA17065</u>

Existing permitted facilities

Permit	Facilities
LA15027	6 feedlot pens (total: 318 m x 43 m) Catch basin (30 m x 30 m x 4.5 m deep) Compost area (100 m x 300 m) (being converted to feedlot pens) Pen addition (25 m x 77 m)
LA09007	Catch basin (60 m x 30 m x 4.5 m deep) Feedlot pens (275 m x 77 m)
LA06037	Feedlot pens (76 m x 215 m), (38 m x 61 m)
Deemed	Feedlot pens (25 m x 143 m), (143 m x 46 m), (36 m x 218 m), (38 m x 66 m) Catch basin (38 m x 76 m x 4.5 m deep)

LA17065 conversion of 300 m x 46 m compost pad into feedlot pens

East catch basin is LA15027 catch basin + LA09007 catch basin combined.

W J Feeders Ltd.

Write a description for your map.

Google Earth

Image © 2024 Airbus

Range Rd 193

Crowsnest Hwy

Township Rd 94

WJ Feeders

Tempest Pulse

Deened

LA 9007

Deened

LA 15027

LA 15027

3



300 m

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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 NA

Additional information

Only increasing animal numbers

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
Feeders (Beef)	7,000	- 7,000	0
Finishers (Beef)	0	+ 6,500	6,500

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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 _____

Signed this ____ day of _____, 20____.

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 27 day of March, 2024.

A black rectangular box redacting the signature of the applicant or agent.

Signature of Applicant or Agent

SMRID Irrigation

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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 Area. Proposed 1: _____

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 checked="" 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?	N/A				<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?	N/A				<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)	240m				<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> YES with exemption	
Groundwater information	What is the depth to the water table?					<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?	50m				<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)

Existing Environmental information.
pulled from LA17065
no change in facilities or site.

All existing infrastructure

Name
Address
Legal Land
Location

MDS Spreadsheet based on 2006 AOPA Regulations

Category of Livestock	Type of Livestock	Factor A	Technology Factor	MU	LSU Factor	Number of Animals	LSU
Feedlot Animals	Beef Cows/Finishers (900+ lbs)	0.700	0.700	0.910	0.4459	6,500	2,898.4
	Beef Feeders (450 - 900 lbs)	0.700	0.700	0.500	0.2450	-	-
	Beef Feeder Calves (<550 lbs)	0.700	0.700	0.275	0.1348	-	-
	Horses - PMU	0.650	0.700	1.000	0.4550	-	-
	Horses - Feeders > 750 lbs	0.650	0.700	1.000	0.4550	-	-
	Horses - Foals < 750 lbs	0.650	0.700	0.300	0.1365	-	-
	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	-	-
Dairy (*count lactating cows only)	Other					-	-
	Free Stall – Lactating Cows with all associated dries, heifers, and calves*	0.800	1.100	2.000	1.7600	-	-
	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	-	-
	Tie Stall – Lactating Cows only	0.800	1.000	1.400	1.1200	-	-
	Loose Housing – Lactating Cows only	0.800	1.000	1.400	1.1200	-	-
	Dry Cow	0.800	0.700	1.000	0.5600	-	-
	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	-	-
Swine Liquid (*count sows only)	Calves (< 350 lbs)	0.800	0.700	0.200	0.1120	-	-
	Other					-	-
	Farrow to finish *	2.000	1.100	1.780	3.9160	-	-
	Farrow to wean *	2.000	1.100	0.670	1.4740	-	-
	Farrow only *	2.000	1.100	0.530	1.1660	-	-
	Feeders/Boars	2.000	1.100	0.200	0.4400	-	-
	Growers/Roasters	2.000	1.100	0.118	0.2600	-	-
	Weaners	2.000	1.100	0.055	0.1210	-	-
	Other					-	-
Swine Solid (*Count sows only)	Farrow to finish *	2.000	0.800	1.780	2.8480	-	-
	Farrow to wean *	2.000	0.800	0.670	1.0720	-	-
	Farrow only *	2.000	0.800	0.530	0.8480	-	-
	Feeders/Boars	2.000	0.800	0.200	0.3200	-	-
	Growers/Roasters	2.000	0.800	0.118	0.1888	-	-
	Weaners	2.000	0.800	0.055	0.0880	-	-
	Other					-	-
	Chicken - Breeders - Solid	1.000	0.700	0.010	0.0070	-	-
	Chicken - Layers - Liquid (includes associated pullets)	2.000	1.100	0.008	0.0176	-	-
Poultry	Chicken - Layers - (Belt Cage)	2.000	0.700	0.008	0.0112	-	-
	Chicken - Layers - (Deep Pit)	2.000	0.700	0.008	0.0112	-	-
	Chicken - Pullets/Broilers	1.000	0.700	0.002	0.0014	-	-
	Turkey - Toms/Breeders	1.000	0.700	0.020	0.0140	-	-
	Turkey - Hens (light)	1.000	0.700	0.013	0.0091	-	-
	Turkey - Broilers	1.000	0.700	0.010	0.0070	-	-
	Ducks	1.000	0.700	0.010	0.0070	-	-
	Geese	1.000	0.700	0.020	0.0140	-	-
	Other					-	-
Sheep and Goats	Sheep - Ewes/Rams	0.600	0.700	0.200	0.0840	-	-
	Sheep - Ewes with lambs	0.600	0.700	0.250	0.1050	-	-
	Sheep - Lambs	0.600	0.700	0.050	0.0210	-	-
	Sheep - Feeders	0.600	0.700	0.100	0.0420	-	-
	Goats - Meat/Milk (per Ewe)	0.700	0.700	0.170	0.0833	-	-
	Goats - Nannies/Billies	0.700	0.700	0.140	0.0686	-	-
	Goats - Feeders	0.700	0.700	0.077	0.0377	-	-
	Other					-	-
	Elk	0.600	0.700	0.600	0.2520	-	-
Cervid	Deer	0.600	0.700	0.200	0.0840	-	-
	Other					-	-
	Wild Boar					-	-
Wild Boar	Feeders	2.000	0.800	0.140	0.2240	-	-
	Sow (farrowing)	2.000	0.800	0.371	0.5936	-	-
	Other					-	-

Total 2,898.4

For New Operations

Dispersion Factor 1

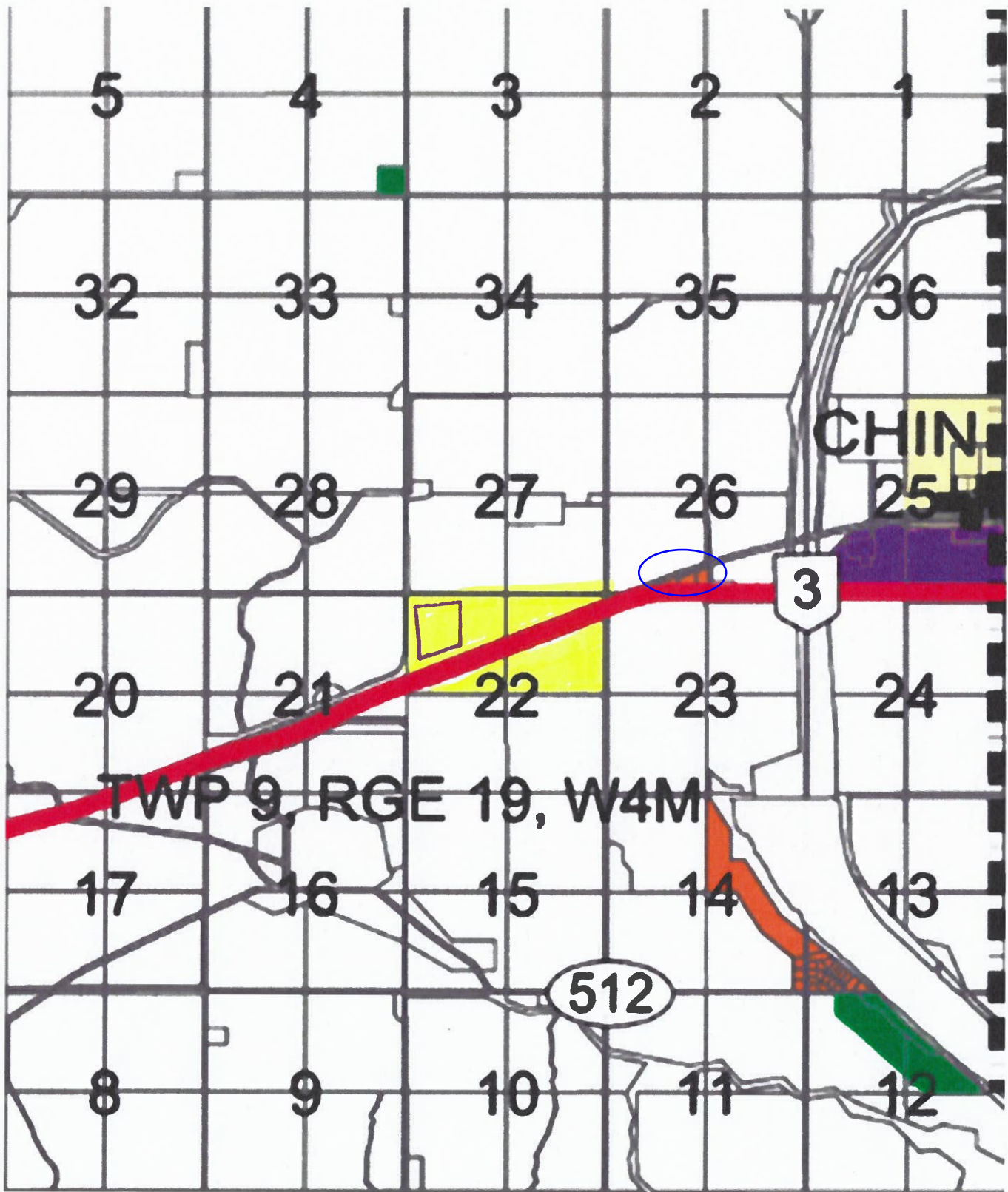
Category	Odour Objective	Distance	
		Feet	Metres
1	41.04	2,471	753
2	54.72	3,295	1,004
3	68.4	4,118	1,255
4	109.44	6,589	2,008

For Expanding Operations

Dispersion Factor 1
Expansion Factor 0.77

Category	Odour Objective	Distance	
		Feet	Metres
1	41.04	1,903	580
2	54.72	2,537	773
3	68.40	3,171	967
4	109.44	5,074	1,547

AO comment: closest manure storage area to grouped country residential in SW 26-9-19 W4M is 1,638 m. Cat 4 MDS is 1,547 m. Applicant can use expansion factor.



WJ Feeders Ltd.
NE-22-09-19 W4M
NW-22-09-19 W4M -CFO on this parcel

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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)	Meets regulations
David Slingerland	SE-27-9-18-w4	1150					
Slingerland Feeders	SW 27 9-18-w4	800					
Slingerland Feeders	SW 28 9-18	1600					
Prairie Gen Farms	SW 22-9-18	2600					

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)
WJ Feeders	NW 22 9-18	120	Irrigated		
" "	NE 22-9-18	125			
" "	SE 23-9-18	117			
" "	NW 2-9-18	147			
	NW 14-9-18	138			
	SE 14-9-18	89			
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)

NW 14-8-19 160
NW 25-8-20 150

Name 0
Address 0
Legal Land
Location 0

Landbase Requirements (hectares) based on 2006 AOPA requirements

Category of Livestock	Type of Livestock	Number of Animals	Dark Brown & Brown (ha)	Grey Wooded (ha)	Black (ha)	Irrigated (ha)
Feedlot Animals	Cows/Finishers (900+ lbs)	6500.0	812.5	676.0	507.0	403.0
	Feeders (450 - 900 lbs)	0.0	0.0	0.0	0.0	0.0
	Feeder Calves (<550 lbs)	0.0	0.0	0.0	0.0	0.0
	Horses - PMU	0.0	0.0	0.0	0.0	0.0
	Horses - Feeders > 750 lbs	0.0	0.0	0.0	0.0	0.0
	Horses - Foals < 750 lbs	0.0	0.0	0.0	0.0	0.0
	Mules	0.0	0.0	0.0	0.0	0.0
	Donkeys	0.0	0.0	0.0	0.0	0.0
	Bison	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
Dairy (*count lactating cows only)	Free Stall – Lactating Cows with all associated dries, heifers, and calves*	0.0	0.0	0.0	0.0	0.0
	Free Stall – Lactating Cows with Dry Cows only *	0.0	0.0	0.0	0.0	0.0
	Free Stall – Lactating Cows only*	0.0	0.0	0.0	0.0	0.0
	Tie Stall – Lactating Cows only	0.0	0.0	0.0	0.0	0.0
	Loose Housing – Lactating Cows only	0.0	0.0	0.0	0.0	0.0
	Dry Cow (Solid manure)	0.0	0.0	0.0	0.0	0.0
	Dry Cow (Liquid manure)	0.0	0.0	0.0	0.0	0.0
	Replacements – Bred Heifers (Breeding to Calving)	0.0	0.0	0.0	0.0	0.0
	Replacements - Growing Heifers (350 lbs to breeding)	0.0	0.0	0.0	0.0	0.0
	Calves (< 350 lbs)	0.0	0.0	0.0	0.0	0.0
Swine Liquid (*count sows only)	Other	0.0				
	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
	Farrow only *	0.0	0.0	0.0	0.0	0.0
	Feeders/Boars	0.0	0.0	0.0	0.0	0.0
	Growers/Roasters	0.0	0.0	0.0	0.0	0.0
	Weaners	0.0	0.0	0.0	0.0	0.0
Swine Solid (*Count sows only)	Other	0.0				
	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
	Farrow only *	0.0	0.0	0.0	0.0	0.0
	Feeders/Boars	0.0	0.0	0.0	0.0	0.0
	Growers/Roasters	0.0	0.0	0.0	0.0	0.0
	Weaners	0.0	0.0	0.0	0.0	0.0
Poultry	Other	0.0				
	Chicken - Breeders - Solid	0.0	0.0	0.0	0.0	0.0
	Chicken - Layers - Liquid (includes associated pullets)	0.0	0.0	0.0	0.0	0.0
	Chicken - Layers - (Belt Cage)	0.0	0.0	0.0	0.0	0.0
	Chicken - Layers - (Deep Pit)	0.0	0.0	0.0	0.0	0.0
	Chicken - Pullets/Broilers	0.0	0.0	0.0	0.0	0.0
	Turkey - Toms/Breeders	0.0	0.0	0.0	0.0	0.0
	Turkey - Hens (light)	0.0	0.0	0.0	0.0	0.0
	Turkey - Broilers	0.0	0.0	0.0	0.0	0.0
	Ducks	0.0	0.0	0.0	0.0	0.0
Goats and Sheep	Geese	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Sheep - Ewes/Rams	0.0	0.0	0.0	0.0	0.0
	Sheep - Ewes with lambs	0.0	0.0	0.0	0.0	0.0
	Sheep - Lambs	0.0	0.0	0.0	0.0	0.0
	Sheep - Feeders	0.0	0.0	0.0	0.0	0.0
	Goats - Meat/Milk (per Ewe)	0.0	0.0	0.0	0.0	0.0
	Goats - Nannies/Billies	0.0	0.0	0.0	0.0	0.0
Cervid	Goats - Feeders	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Elk	0.0	0.0	0.0	0.0	0.0
Wild Boar	Deer	0.0	0.0	0.0	0.0	0.0
	Other	0.0				
	Feeders	0.0	0.0	0.0	0.0	0.0
	Sow (farrowing)	0.0	0.0	0.0	0.0	0.0
Wild Boar	Other	0.0				

Total Hectares	813	676.0	507.0	403.0
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Total Acres	2,008	1670.4	1252.8	995.8
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