

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 la	and description
■ Approval Registration Authorization	LA25032	NE 14-	10-16 W4M
Amendment			
APPLICATION DISCLOSURE			
his information is collected under the authority of the A rovisions of the Freedom of Information and Protection written request that certain sections remain private.			
ny construction prior to obtaining an NRCB permi rosecution.	t is an offence and is subject to	enforcement	action, including
the applicant, or applicant's agent, have read and und rovided in this application is true to the best of my known	erstand the statements above, and wledge.	I acknowledge	that the information
10-3-25			
ate of signing	Signature		
Hummel Holsteins Lld	albert	Hum m.	el
orporate name (if applicable)	Print name		
ENERAL INFORMATION REQUIREMENTS			
Proposed facilities: list all proposed confined feeding		nsions. Indicate	whether any of the
proposed facilities are additions to existing facilities. (a	ttach additional pages if needed)		
Proposed facilities		(	mensions (m) , width, and depth)
/		10/A	14.00
extension dairy barn		165L	XW 60130
Elanster pit		12'0	x 1401x80
auxilary building		00%	(40'W
Existing facilities: list ALL existing confined feeding			
Existing facilities	Dimensior (length, width,		NRCB USE ONLY
255 x 105 existing P300 m3 slurry stopage	255 X 10	5	
9300 m3 slurry storage			
NRCB USE ONLY			
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Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
Corral and shelter	GOMX 95 M	
Conal and shelter Corrals and shelter (decommis) Solid manure storage pad	06mx 02 m	
Solid manure storage pad	15 X 13 M	
	4	

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76	now facil	lity is replacin	a an old	facility	please exp	lain what	will happen	to the old	d facility	and t	when.
LT i	a new racii	lity is replacin	ig an ore	racility,	piedse exp	Halli milar	MIII Habben	to the bit	a recincy	441144	14110111

N/A

Construction	on completion date	e for proposed facilities				
Additional	information		,			, ,
phase	1 finish	Spring (march) Spring (march)	rord -east	side	including	t-ransfer f
phase	2 finish	Spring (march)	2031 -> We)C	siae		

**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).

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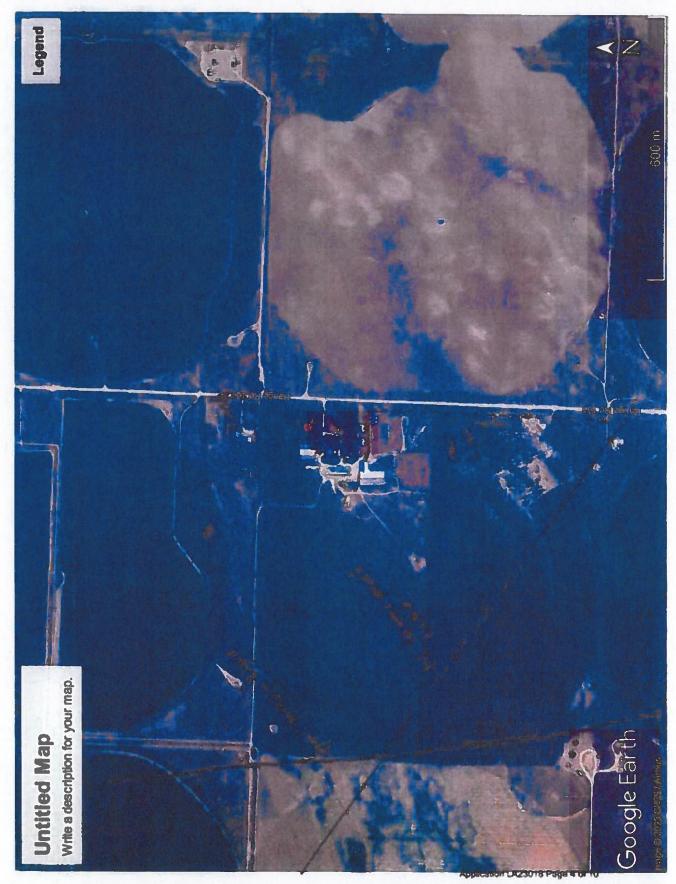
## DECLARATION AND ACKNOWLEDGMENT OF APPLICANT CONCERNING WATER ACT LICENCE

issued by Alberta Environment and Parks (AEP) for a confined feeding operation (CFO)

Date and sign one of the following four options

	ION 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.
Sigr	ed thisday of, 20
	Signature of Applicant or Agent
OPT	ION 2: Processing the AOPA permit and Water Act licence separately
1.	I (we) acknowledge that the CFO will need a new water licence from AEP 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 <b>independently of</b> AEP'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 AEP 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 AEP's consideration of whether to grant the Water Act licence applications.
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 further construction, or to remove "works" or "undertakings" (as define in the <i>Water Act</i> ).
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 close to new surface water allocations.
sign	ed this day of, 20
	Signature of Applicant or Agent
1.	ION 3: Additional water licence not required  I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20
1.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.
ign	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20  Signature of Applicant or Agent
i. Sign	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20  Signature of Applicant or Agent  ION 4: Uncertain if Water Act licence is needed; acknowledgement of risk (for existing CFOs only)
1. Sign <b>DPT</b> 1.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20  Signature of Applicant or Agent  ION 4: Uncertain if Water Act licence is needed; acknowledgement of risk (for existing CFOs only)  At this time, I (we) do not know whether a new water licence is needed from AEP under the Water Act for the development of activity proposed in this AOPA application.
DPT 1.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20
1. DPT 1. 2.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20
1. DPT 1. 2.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  Ed this day of, 20
DPT 1.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20
11. isign 11. 22. 33. 44.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20
1. Sign  DPT  1. 2. 3. 4. 5. 6.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20  Signature of Applicant or Agent  ION 4: Uncertain if Water Act licence is needed: acknowledgement of risk (for existing CFOs only)  At this time, I (we) do not know whether a new water licence is needed from AEP under the Water Act for the development of activity proposed in this AOPA application.  If a new Water Act licence is needed, I (we) request that the NRCB process the AOPA application independently of AEP's processing of the CFO's application for a water licence.  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 AEP as improving or enhancing the CFO's eligibility for a water licence under the Water Act.  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 AEP's consideration of whether to grant my Water Act licence application, if a new water licence is needed.  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 define in the Water Act).  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 close to new surface water allocations.
DPT 1. 2. 3. 4.	I (we) declare that the CFO will not need a new licence from AEP under the Water Act for the development or activity propose in this AOPA application.  ed this day of, 20





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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 indigated on site plan)

x pansion		NRCB USE ONLY	Comments						
Proposed 1: Durky bean expansion			Meets requirements	TYES NO TYES THE EXEMPTION	TYES INO  YES with exemption	☐ YES ☐ NO ☐ YES with exemption	TES NO TES WITH	TES NO TES With exemption	□ YES □ NO □ YES with
11: Derak	d 3:		Proposed 3	\					
Proposed	Proposed 3:	ities	Proposed 2	>1m					
		Facilities	Proposed 1	×1 m	NIa	n/a	n/a	3.6m	n/a
			Existing	√ ×1 m ≤ 1 m	nda	n/a	500m N/a		11/01
sturny stonaga	2:	Enclished anxionamental rick	information	What is the height of the floor of the lowest manure storage or collection facility above the 1:25 year flood plain or the highest known flood level?	How many springs are within 100 m of the manure storage facility or manure collection area?	How many water wells are within 100 m of the manure storage facility or manure collection area?	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	What is the depth to the water table?	What is the depth to the groundwater resource/aquifer you draw water from?
Existing:	Proposed 2:	Eacility		nisiq boola noitsm1otni		stew soch			bnuo10 mroini

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

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100	36
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# DISTANCE OF ANY MANURE STORAGE FACILITY (EXISTING OR PROPOSED) TO NEIGHBOURING RESIDENCES

				The contract of	NKCS USE ONLY		
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Walver attached (if required)	Meets
Cook	SE 32-10-16	7260					

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

				NRCB USE ONLY	SE ONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (W moultage)
NE 19-10-16	ham mel	120			
mu 14-10-16	hum mel	051			
SW 14-10-16	ham med	150			
21-01-91 070	humme (	75			

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

Total

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

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

Additional information (attach any additional information as required)

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## Minimum Distance Separation (MDS) Waiver (declaration)

Applicant in	nformation	11	i I N	RCB applicatio	n number:		
Operator/op	eration nam	e: Hum	mel Hol	steins	Ltd		
Address: _	66x 4	614	mel Hou Taber	2	Posta		9206
Legal land lo	ocation of co	onfined feed	ing operation:	ME 14-	10-16	W4	
I have reque (MDS) to the above. In manapplication a	ested the re- eir residence aking this re- and a copy	sidence own e for the <i>Agi</i> equest, I hav of the Natura	ner(s) named be ricultural Operative provided the	elow to waive the tion Practices A owner(s) with a onservation Bo	ne required min Act (AOPA) per an opportunity ard (NRCB) Fi	nimum distanc rmit application to review my p act Sheet "Min	n identified permit imum Distance
have ad	lvised the or	wner(s) that	n section 3 of the section 3(6)(a) by the owners of	of the Standar	ds and Admini	stration Regula	ation allows
<ul> <li>That my</li> </ul>	proposed (	developmen	t does not meet	t the required N	IDS to the own	ner's residence	; and,
manure	production,	level of odd	this application our production, e a new waiver.	change to the	An increase in site plan or cha	livestock capa inge to a facilit	icity, annual y that would
Following is	a summary	of the prop	osed developm	ent:			
livestoc	k if any is		ed feeding oper	ration (CFO), ir	ncluding the typ	pe, number, ar	d category of
type an	d/or capacit	y at my CFC	cows	es the following	changes to th	e existing lives	stock category,
The promanure	oposed new	CFO facility lume and ar	(ies), or change ny other pertine	es to the existir nt details, if any	ig CFO facilitie y, are (attach a	es, including m a site layout pla	anure storage, in if available):
residence	e sign this	erstand that	at the waiver		nless ALL ro		
Permit App	olicant:	SI	gnature			3 4	2
Pasidanas	ownor(s)	o initiat	Somus	: Cag			

# Minimum Distance Separation (MDS) Waiver (declaration)

Residence owner(s) information
ALL Names on land title: Denish Cook.
Legal land location of residence(s): SE 23 10 16 W4
Telephone number(s) <sup>1</sup> : Email address(es) <sup>1</sup>
Address(es)' and Postal code(s)': Box 4345 Twar, AB TIG 2C7
Please note that personal contact information is for NRCB use ONLY and not publicly released
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";
1/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.
daving considered my/our rights, I/we hereby waive the MDS requirement to my/our residence, with respect to
Application number
Signatures of all residence owner(s) on title
Denise Cook.
Printed names of all residence owner(s) on title
Date: March 31, 2025

### **Manure Spreading Agreement**

SE 23 -10 -16 wy iRrigated  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 Other comments:	acres suitable for manure preading <sup>2</sup>
Legal land location  Soil type  SE 23 -10 -16 WY I RRI gated  Soil type choices: Dark brown and brown, Grey wooded, Black, Irrigated.  Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	preading <sup>2</sup> 60
Legal land location  Soil type  SE 23 -10 -16 wy i Rrigated  1 Soil type choices: Dark brown and brown, Grey wooded, Black, Irrigated.  Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	preading <sup>2</sup> 60
Legal land location  Soil type  I RRigated  Soil type choices: Dark brown and brown, Grey wooded, Black, Irrigated.  Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	preading <sup>2</sup> 60
SE 23-10-16 wy iRrigated  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 Other comments:	preading <sup>2</sup> 60
<sup>1</sup> Soil type choices: Dark brown and brown, Grey wooded, Black, Irrigated. <sup>2</sup> Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	be included.
<sup>2</sup> Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	be included.
<sup>2</sup> Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	be included.
Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	be included.
<sup>2</sup> Land within required setbacks from water bodies, water wells, residences, etc. is not to Other comments:	be included.
Manure producer (Confined Feeding Operation ) Legal Land Location	el Hunmel Holsten
Date of signing  Signature  Print name	Corporate name(if appl)
Manure Receiver – Landowner(s) <sup>3</sup>	
0-3-25 Leroy HOLTH	É
Date of signing Signature Print name	Corporate name(if appl)
Date of signing Signature Print name <sup>3</sup> All registered owners of land, or authorized signing authorities must sign.	

Name Address Legal Land Location

MOS Spreadsheet based on 2006 AOPA Regulations

sef Cows/Finishers (900+ lbs) sef Feeders (450 - 900 lbs) sef Feeder Calves (<550 lbs) orses - PMU orses - Feeders > 750 lbs orses - Feeders > 750 lbs utles onkeys son see Stall - Lactating Cows with all ssociated dries, herfers, and tives' see Stall - Lactating Cows only see Stall - Lactating Cows only son only' stall - Lactating Cows only sose Housing - Lactating Cows sity y Cow seplacements - Bred Herfers teeding to Calving) seplacements - Growing Herfers 50 lbs to breeding) sityes (< 350 lbs)	0,700 0,700 0,700 0,650 0,650 0,650 0,690 0,800 0,800 0,800 0,800 0,800 0,800 0,800 0,800 0,800 0,800	0,700 0,700 0,700 0,700 0,700 0,700 0,700 1,100 1,100 1,100 1,000 1,000 0,700 0,700	0.910 0.500 0.275 1.000 1.000 0.300 1.000 0.670 1.000 2.000 1.640 1.400 1.400 1.400 1.000	0.4459 0.2450 0.1348 0.4550 0.4550 0.4550 0.1385 0.4200 1.7600 1.7600 1.4432 1.2320 1.1200 0.5600	242	427.7
eef Feeders (450 - 900 lbs) eef Feeder Calves (<550 lbs) orses - PMU orses - Feeders > 750 lbs orses - Feeders > 750 lbs utles onkeys son ee Stall - Lactating Cows with all socciated dries, herfers, and tives' ee Stall - Lactating Cows only ee Stall - Lactating Cows only es Stall - Lactating Cows only orses Housing - Lactating Cows tily y Cow eplacements - Bred Herfers reeding) to Calving) eplacements - Growing Herfers 50 lbs to breeding) elves (<350 lbs)	0.700 0.700 0.650 0.650 0.650 0.650 0.690 0.600 0.600 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	0.700 0.700 0.700 0.700 0.700 0.700 0.700 1,100 1,100 1,000 1,000 1,000 0.700	0.500 0.275 1.000 1.000 0.300 1.000 0.670 1.000 2.000 1.640 1.400 1.400 1.400	0.2450 0.1348 0.4550 0.4550 0.4550 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 0.5600	242	427.7
sef Feeder Calves (<550 lbs) orses - PAIU orses - PAIU orses - Feeders > 750 lbs orses - Foeders > 750 lbs ules onkeys son ee Stall - Lactating Cows with all ssociated dries, herfers, and rives' ee Stall - Lactating Cows only oee Stall - Lactating Cows only oee Stall - Lactating Cows only oee Housing - Lactating Cows only y Cow eeplacements - Bred Herfers reeding to Calving) splacements - Growing Heifers 50 lbs to breeding) silves (< 350 lbs)	0.650 0.650 0.650 0.600 0.600 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	0,700 0,700 0,700 0,700 0,700 1,100 1,100 1,000 1,000 1,000 0,700	0.275 1.000 1.000 0.300 1.000 0.670 1.000 2.000 1.640 1.400 1.400 1.400	0.1348 0.4550 0.4550 0.1365 0.4200 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 0.5600	212	427.7
orses - PMU orses - Feeders > 750 lbs orses - Feeders > 750 lbs orses - Foals < 750 lbs ules onkeys son ee Stall - Lactating Cows with all ssociated dries, herfers, and tives' ee Stall - Lactating Cows only orse Stall - Lactating Cows only ee Stall - Lactating Cows only so stall - Lactating Cows only sold - Lactating Cows only sold - Lactating Cows ty y Cow eplacements - Bred Herfers reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) elves (< 350 lbs)	0.650 0.650 0.650 0.600 0.600 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	0,700 0,700 0,700 0,700 0,700 1,100 1,100 1,000 1,000 1,000 0,700	1,000 1,000 0,300 1,000 0,670 1,000 2,000 1,640 1,400 1,400 1,400	0.4550 0.4550 0.1365 0.4200 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 0.5600	242	427.7
orses - Foals < 750 lbs ules onkeys son  ee Stall - Lactating Cows with all ssociated dries, heifers, and ilves' ee Stall - Lactating Cows with Dry ows only' ee Stall - Lactating Cows only ee Stall - Lactating Cows only sose Housing - Lactating Cows ily y Cow  epilocements - Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) elves (< 350 lbs)	0.850 0.850 0.890 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,100 1,000 1,100 1,100 1,000 1,000 1,000 1,000 1,000	1,000 0,300 1,000 0,670 1,000 2,000 1,640 1,400 1,400 1,400	0.4550 0.1365 0.4200 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 0.5600	242)	427.7
orses - Foals < 750 lbs ules onkeys son  ee Stall - Lactating Cows with all ssociated dries, heifers, and ilves' ee Stall - Lactating Cows with Dry ows only' ee Stall - Lactating Cows only ee Stall - Lactating Cows only sose Housing - Lactating Cows ily y Cow  epilocements - Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) elves (< 350 lbs)	0.650 0.800 0.600 0.600 0.800 0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,100 1,100 1,100 1,000 1,000 1,000 1,000 1,000	0.300 1.000 0.670 1.000 2.000 1.640 1.400 1.400 1.400	0.1365 0.4200 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 1.1200 0.5600	242	427.7
ules onkeys son ee Stall – Lactating Cows with all sociated dries, heriers, and tives' ee Stall – Lactating Cows with Dry pws only' ee Stall – Lactating Cows only ee Stall – Lactating Cows only sose Housing – Lactating Cows tly y Cow eplacements – Bred Heriers reeding to Catving) eplacements - Growing Heifers 50 lbs to breeding) elives (< 350 lbs)	0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	0.700 0.700 0.700 1,100 1,100 1,000 1,000 0.700	1.000 0.670 1.000 2.000 1.640 1.400 1.400 1.400	0.4200 0.2814 0.4200 1.7600 1.4432 1.2320 1.1200 1.1200 0.5600		427.7
onkeys son  ee Stall – Lactating Cows with all sociated dries, herfers, and lives* ee Stall – Lactating Cows with Dry ows only: ee Stall – Lactating Cows only os Stall – Lactating Cows only: sose Housing – Lactating Cows only yose Housing – Lactating Cows only: y Cow eplacements – Bred Herfers reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) elves (< 350 lbs)	0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,100 1,100 1,000 1,000 1,000 1,000 0,700	0.670 1.000 2.000 1.640 1.400 1.400 1.400	1.7600 1.7600 1.4432 1.2320 1.1200 1.1200 0.5600	242	427.7
ee Stall – Lactating Cows with all sociated dries, heifers, and lives' ee Stall – Lactating Cows with Dry tows only' ee Stall – Lactating Cows only es Stall – Lactating Cows only by Estall – Lactating Cows only by Cow et al. (2007) et al. (	0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,100 1,100 1,000 1,000 1,000 0,700	1.000 2.000 1.640 1.400 1.400 1.400	1.7600 1.7600 1.4432 1.2320 1.1200 1.1200 0.5600	242	427.7
ree Stall – Lactating Cows with all sociated dries, herfers, and tives' ee Stall – Lactating Cows with Dry tows only ee Stall – Lactating Cows only es Stall – Lactating Cows only so Stall – Lactating Cows only toward of the Cows only only explain the Calving Cows only epilosements – Bred Herfers reeding to Calving) epilosements - Growing Heifers 50 lbs to breeding) elives (< 350 lbs)	0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,100 1,000 1,000 1,000 0,700	2.000 1.640 1.400 1.400 1.400	1.7600 1.4432 1.2320 1.1200 1.1200 0.5600		•
sociated dries, heifers, and inves' ee Stall – Lectating Cows with Dry tows only' ee Stall – Lactating Cows only estall – Lactating Cows only bose Housing – Lactating Cows only bose Housing – Lactating Cows thy y Cow eplacements – Bred Heders reeding to Calving) eplacements – Growing Heifers 50 lbs to breeding) elives (< 350 lbs)	0.800 0.800 0.800 0.800 0.800 0.800	1,100 1,000 1,000 1,000 0,700 6,700	1.640 1.400 1.400 1.400 1.000	1.4432 1.2320 1.1200 1.1200 0.5600	242	•
ows only' ee Stall – Lactating Cows only ee Stall – Lactating Cows only lose Housing – Lactating Cows lly y Cow eplacements – Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) elves (< 350 lbs)	0.800 0.800 0.800 0.800 0.800	1,100 1,000 1,000 1,000 0,700	1.400 1.400 1.400 1.000	1.2320 1.1200 1.1200 0.5600		
a Stall – Lactating Cows only bose Housing – Lactating Cows by y Cow eplacements – Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) ethes (< 350 lbs)	0.800 0.800 0.800 0.800	0.700 0.700	1.400 1.400 1.000	1.1200 1.1200 0.5600		
a Stall – Lactating Cows only bose Housing – Lactating Cows by y Cow eplacements – Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) ethes (< 350 lbs)	0.800 0.800 0.800 0.800	0.700 0.700	1.400 1.400 1.000	1.1200 1.1200 0.5600		
ose Housing – Lactating Cows only y Cow eplacements – Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) ethes (< 350 lbs)	0.800 0.800 0.800	0.700 0.700	1.400	1.1200 0.5600	Carlot S	
eplacements - Bred Heders reeding to Calving) eplacements - Growing Heifers 50 lbs to breeding) etves (< 350 lbs)	0.800	€.700			_	
reeding to Calving) splacements - Growing Heifers 50 lbs to breeding) silves (< 350 lbs)	0.800		0.875			
50 lbs to breeding) alves (< 350 lbs)		0.700		0.4900		•
White Light Transfer to	0.800	described with the	0.525	0.2940		•
rrow to finish *		0.700	0.200	0.1120		•
	2.000	1.100	1,780	3,9160	Name of Street, or other Designation of the last of th	
rrow to wean *	2.000	1.100	0.670	1.4740	STATE OF THE PARTY NAMED IN	_
rrow only "	2.000	1.100	0.530	1.1660	E. J. V. 1885	
eders/Boars	2.000	1,100	0.200	0.4400	STATE OF THE PERSON NAMED IN	
owers/Roasters	2.000	1.100	0.118	0.2600		
eaners	2.000	1.100	0.055	0.1210		
				March 1	(Management	-
rrow to finish *	2.000	0.800	1.780	2.8480		
rrow to wean *	2.000	0.800	0.670	1.0720	Stereout !	
rrow only *	2.000	0.000	0.530	0.8480		•
eders/Boars	2.000	0.000	0.200	0.3200		-
owers/Roasters	2.000	0.800	0.118	0.1888	A COLUMN TO SERVICE AND ADDRESS OF THE PARTY	•
eaners	2.000	0.800	0.055	0.0880	100000	-
Johan Propodera Calid	4 200	0.000				
nicken - Breeders - Solid nicken - Layers - Liquid (includes	1.000 2.000	1,100	0.010	0.0070		-
sociated pullets)	0.000				-	
icken - Layers - (Belt Cage)	2.000	0.700	0.008	0.0112		
icken - Layers - (Deep Pit)	2.000	0.700	0.008	0.0112		-
rkey - Toms/Breeders	1.000	0.700	0.002	0.0014		-
rkey - Hens (light)	1.000	0.700	0.020	0.0140		
	1.000	0.700	0.013	0.0091		
rkey - Broilers	1.000	0,700	0.010	0.0070		
rese	1.000	0.700	0.010	0.0070	-	-
1636	1.000	0.700	0.020	0.0140		
een - Eues/Rams	0.800	0.700	0.200	0.0046	-	
	0.600				The second second	
sen - Feeders						-
ate - Mest/Milk (ner Eum)						
ate - Nannies/Rillies						
ats - Feeders	0.700	0.700	0.077	0.0377	State of	:
STATE OF THE PARTY	No. of the last			400	A STATE OF THE STA	
	0.600	0.700	0.600	0.2520		
	0.600	0.700	0.200	0.0840		
				Later 1		
er	0.000	0.600	0.140	0.2240		-
eders		0.000	0.371	0.5936	Contract to the	
ec ec ec	ap - Ewes/Rams ap - Ewes with lambs ap - Lambs ap - Lambs ap - Feeders ba - Nannes/Billes as - Peeders	ep - Ewes/Rams 0.600 ep - Ewes with lambs 0.600 ap - Lambs 0.600 ep - Feeders 0.600 as - Nannies/Bélies 0.700 as - Nannies/Bélies 0.700 0.600 0.600 0.600 0.600 0.600	pp - Ewes/Rams	ep - Ewes/Rams	ep - Ewes/Rams	ep - Ewes/Rams

For New Operations
Dispersion Factor

Total

427.7

		Dista	nce
Category	Odour Objective	Feet	Metres
1	41.04	1,229	375
2	54 72	1.639	499
3	68.4	2.048	624
4	109.44	3,277	999

For Expanding Operations
Dispersion Factor
Expansion Factor

		Dista	nce
Category	Odour Objective	Feet	Metres
1	41.04	946	288
2	54 72	1,262	385
3	68.40	1,577	481
4	109.44	2,524	769

Hummel Holsteins Ltd

Name Hummel Holsteins Address Legal Land Location NE 14-10-16 W4

0

Category of	Requirements (hectares) bas Type of Livestock	Number of Animals	Dark Brown & Brown	Grey Wooded	Stack (ha)	trigated (ha)
FIAESTOCK.		- CITITION	(ha)	(ha)	()	()
eedlot	Cows/Finishers (900+ tbs)	0.0	0.0	0.0	0.0	0.0
Animals	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 - Foais < 750 lbs	0.0	0.0	0.0	0.0	0.0
	Donkeys	0.0	0.0	0.0	0.0	0.0
	Bisan	0.0	0.0	0.0	0.0	0.0
	And the late of th	0.0				
Dairy	Free Staff Lactating Cows with all	243.0	360.9	300 6	225.5	180.3
•	associated dies, heifers, and		!			
*count	calves*					
actating	Free Stall - Lactating Cows with Dry	0.0	0.0	0.0	0.0	0.0
cows only)	Cows only	0.0	0.0	0.0	0.0	0.0
	Free Stall – Lactating Cows only* Tie Stall Lactating Cows only	0.0	0.0	0.0	0.0	0.0
	Loose Housing - Lactating Cows	0.0	0.0	0.0	0.0	0.0
	only					
	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	0.0	0.0	0.0	0.0	0.0
	(Breeding to Calving	- 22	- 20	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
	Calves (< 330 los)	0.0	0.0		0.0	0.0
Swine	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
Liquid	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
(*count	Farrow only *	0.0	0.0	0.0	0.0	0.0
sows only)	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	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
Solid	Farrow to wean *	0.0	0.0	0.0	0.0	0.0
(°Count	Farrow only *	0.0	0.0	0.0	0.0	0.0
sows only)	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
	Chicken Donaton Solid	0.0	0.0	0.0	0.0	0.0
Poultry	Chicken - Breeders - Solid Chicken - Layers - Liquid (includes	0.0	0.0	0.0	0.0	0.0
	associated pullets)	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 Geese	0.0	0.0	0.0	0.0	0.0
	Geese	0.0	0.0	7.0	0.0	4.5
Goats and	Sheep - Ewes/Rams	0.0	0.0	0.0	0.0	0.0
Sheep	Sheep · Ewes with tambs	0.0	0.0	0.0	0.0	0.0
•	Sheep - Lambs	0.0	0.0	0.01	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
	Goats - Feeders	0.0	0.0	0.0	0.0	0.0
0 14	Col.	0.0	0.0	00	0.0	0.0
Cervid	Elk	0.0	0.0	0.0	0.0	0.0
	Deer	0.0	0.0	3.0	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
		0.0	V			

Total Hectares	361	300 6	150,0
Total Agree	892	742 8	



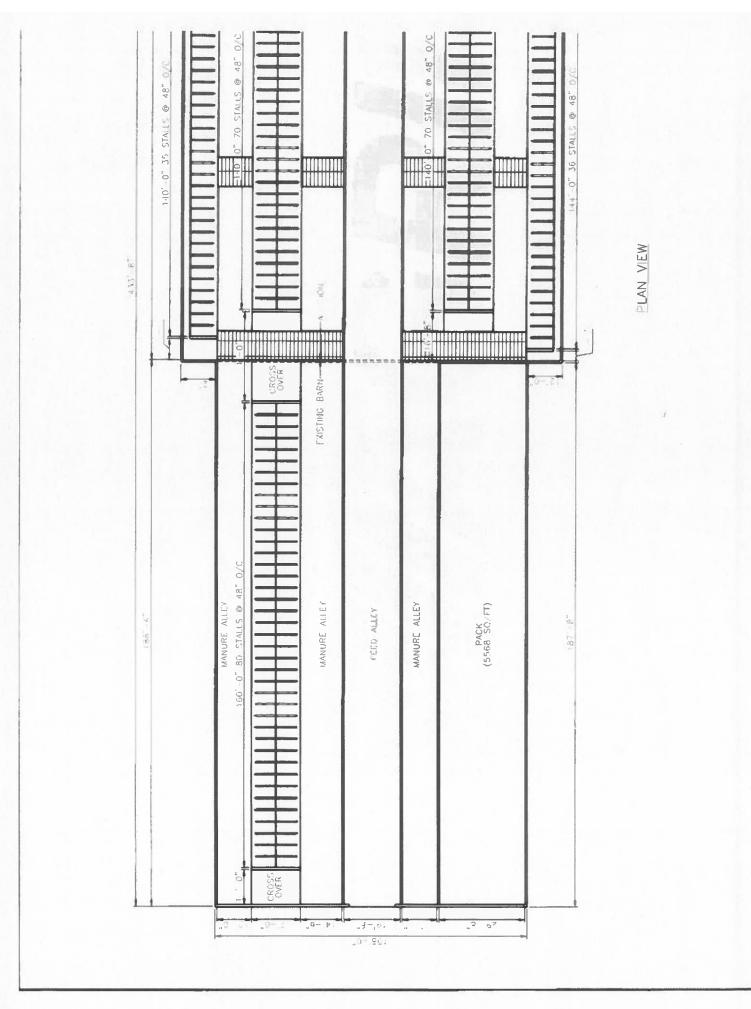
Application under the Agricultural Operation Practices Act for a confined feeding operation, manure collection area and/or manure storage facility(ies)

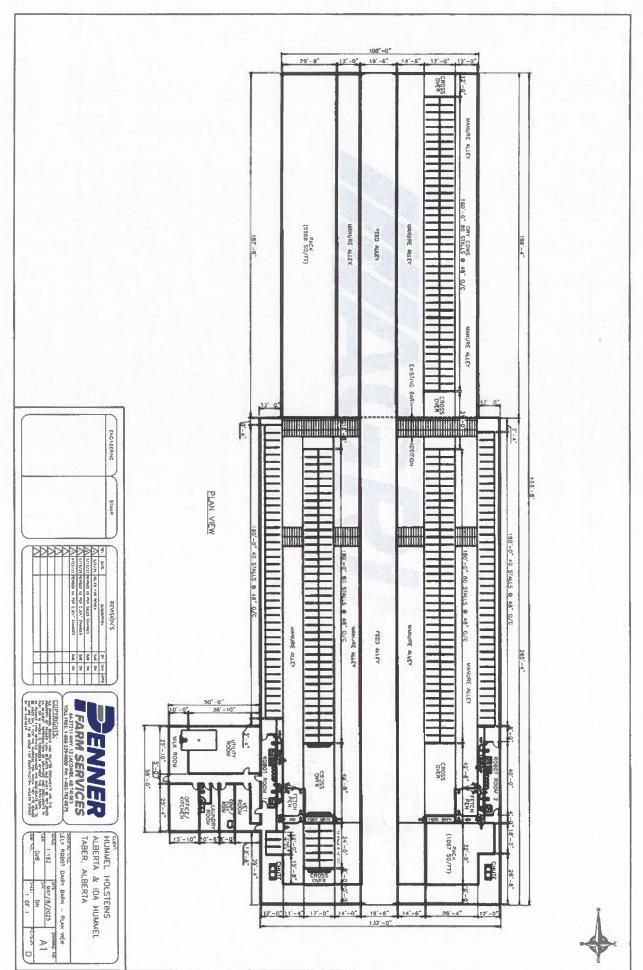
	name (as indicated on	site plan) 1. £	nanure storage facility wi EXCENSION A	airy barn
			1	
		4	- Ranster pi	1
Manure storage cana	city fuse one row in the	3		
			Depth below ground	nrcb use only
Length (m)	Width (m)	Total depth (m)	level (m)	Calculated storage capacity (m³)
1. 268	HO-132'	n/a	n/a	
2. 140 1	12'	CP1	0'	
3.		TO THE WAR		
			TOTAL CAPACI	TY
Concrete liner details				
	Concrete thickness		Method of sulph	
	15 cm		type	2 50
Scrape alleys or unslatted portions of			7.	
barn floors (if	Concrete strength		Concrete reinfor	cement size and spacing
applicable)	32 mp	a	10 mm	30 cm spacing
				45
	Concrete thickness		Method of sulph	ate protection
	15		type	50
	15		CYPC	
In-barn manure pit floors	Concrete strength		Concrete reinfor	cement size and spacing
	22 100,00		15 CM	1 15mm R-bar
	32 mpc	C		
	Concrete thickness		Method of sulpha	ate protection
	20 cm		Fun	e 50
V. 4.			291	
In-barn manure pit walls	Concrete strength	Horizonta	reinforcement size	Vertical reinforcement size and
	32 mpa	and space		Spacing 15 mm
	32 11100	60 (	m 15 mm	OU CERTIN 13) PRIVI
1 get undeted: 34 May 202	0			
Last updated: 31 Mar 202		NRCB USE	CALLY	Page of



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

et: YES NO
et: YES NO
et: YES NO
et: YES NO
Juired: La YES La NO
s met: YES NO
rit





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