## **Technical Document LA25025**

## ${\bf Part~2-Technical~Requirements}$



NRCB USE ONL	Y		Application number	Legal I	and description
Approval  Amendment		☐ Authorization	_LA25025	NE 35-	-24-2 W4M
	N DISCLOSUE	RE			
rovisions of the F		ation and Protection	Agricultural Operation Practices Act of Privacy Act. This information is		
ny construction rosecution.	prior to obtain	ing an NRCB perm	it is an offence and is subject t	o enforcement	action, including
, the applicant, or rovided in this ap	r applicant's agent oplication is true to	, have read and und the best of my kno	derstand the statements above, an owledge.	d I acknowledge	that the information
Mar	20	2025			
Meridian	Hutt	erian B	Signature	Ruche	^
orporate name (i			Print name		
ENEDAL THE	RMATION REC	OUTDEMENTS			
			g operation facilities and their dime	ensions. Indicate	whether any of the
proposed facilitie	s are additions to	existing facilities. (	attach additional pages if needed)		imensions (m)
Proposed facili	ties				n, width, and depth)
New	Broiler	- Barn	(18.3 m x 121.9 m)	60	x 400 fee +
Mc B	(alread	y constructed)	(12.2 m x 45.7 m)	40	X 150 feet
-					
Evisting faciliti	ec list All evicti	ng confined feeding	operation facilities and their dimer	nsions	
		ig commed reeding	Dimensio		NRCB USE ONLY
Existing facilities	es		(length, width		NACE USE ONET
Feed lot p	en #1		16.4.6 m X	91,4m	All existing
	110			4	facilities confirmed
Feedlot per	1		14613mx		
Calving	Barn		ali3mx	6 hom	
NRCB USE ONL	Y				
REPRESENTATION OF THE PARTY OF					
				SANSKER KANKER STORY	



Existing facilities continued	Dimensions (m) (length, width, and depth)	NRCB USE ONLY
catch Basin	45m xyox3	
chicken broiler barn	121.9mx 122m	
Layer Barn	103,9m x 32,3m	
Pullet Barn	42,2my 14,0m	
Solid manure storag pad	30,4x 30,4	
/		
	-	
a -		

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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)

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	NOV	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
Chicken layers (plus associated pullets)	28,500	0	28,500
Chicken broilers	40,000	40,000	80,000
Beef finishers	500	0	500
Ducks	0	400	400
Geese	0	200	200
Turkeys	0	300	300
AO Comment: Livestock numbers have not	changed from Part 1 a	pplication.	

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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 Parks (AEP) for a confined feeding operation (CFO)

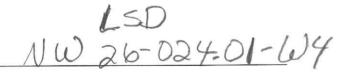
Date and sign one of the following four options

-	ned thisday of, 20
	Signature of Applicant or Agent
)P	TION 2: Processing the AOPA permit and Water Act licence separately
	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.
	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 <i>Water Act</i> .
4.	I (we) acknowledge that any construction or actions to populate the CFO with livestock pursuant to an AOPA permit in the
5.	absence of a Water Act licence will <b>not</b> be relevant to AEP's consideration of whether to grant the Water Act licence application 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.
Siai	ned this day of, 20
. 5	Signature of Applicant or Agent
, D.	TION 2: Additional water license not required
	<b>FION 3: Additional water licence not required</b> I (we) declare that the CFO will not need a new licence from AEP under the <i>Water Act</i> for the development or activity proposed
1.	in this AOPA application.
Sigi	med this 20 day of March , 20 25
	USC water well Signature of Applicant or Agent
D.	TION 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 or
1.	activity proposed in this AOPA application.
1.	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
1. 2.	activity proposed in this AOPA application.  If a new <i>Water Act</i> licence is needed, 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.
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<ol> <li>2.</li> <li>3.</li> <li>4.</li> </ol>	activity proposed in this AOPA application.  If a new <i>Water Act</i> licence is needed, 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.  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 <i>Water Act</i> .  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 <i>Water Act</i> licence will <b>not</b> be relevant to AEP's consideration of whether to grant my <i>Water Act</i> licence application, if a new water licence is needed.
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NRCB USE ONLY

Stinger Well > AO Comment: Water well used for livestock purposes.





# LICENCE TO DIVERT WATER PROVINCE OF ALBERTA WATER ACT, R.S.A. 2000, c.W-3, as amended

LICENCE NO.: 00373313-00-00

FILE NO.: 00373313

PRIORITY NO.: 2015-09-16-003

EFFECTIVE DATE: 2017 01 25

EXPIRY DATE: 2042 01 24

SOURCE OF WATER: Aquifer accessed by water well ID 1879662 at NW 26-024-01-W4

POINT OF USE

NE 35-024-02-W4

LICENSEE: Meridian Hutterian Brethren

Pursuant to the Water Act, R.S.A. 2000, c.W-3, as amended, a Licence is issued to the Licensee to:

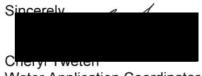
operate a works and to divert up to 15,000.0 cubic metres of water annually from the source of water for the purpose of Agricultural (Confined Feeding Operation) and Municipal (Colony Water Supply)

subject to the attached terms and conditions.

Designated Director under the Act Todd Aasen, P.Eng. Red Deer North Saskatchewan Region

Date Signed:

2017 01 25 (Y/M/D) If you have any questions, please contact Laura Partridge at 403-340-7113.



Water Application Coordinator Regulatory Approvals Centre

#### Enclosure

cc: Ken Hugo, Groundwater Information Technologies Ltd. (with enclosures)

MD. of Acadia (with enclosures

Laura Partridge, Red Deer-North Saskatchewan Region, Red Deer Office



NRCB USE ONLY WATER WELL AND SURFACE WATER INFORMATION								
Well IDs:	178156	178	3158	1270243				
	1270248	127	70252	1500274				
	1879662							
Surface water related concerns from directly affected parties or referral agencies:								
Groundwater related concerns from directly affected parties or referral agencies:								
Water wells								
If applicable, exemption for 100 m distance requirements applied: $\square$ YES $\square$ NO Condition required: $\square$ YES $\square$ NO								
Surface water	₫ n/a							
If applicable, exemp	tion for 30 m distar	nce requirements applied:	YES NO Condition	required:				
Water Well Exemp		ool 🖾 N/A						
Water V	Well ID	Preliminary Screening	Secondary Screening	Facility				
		Score	Score					
Groundwater or surface water related comments:								



isting:	Ma Dawa	15arn				Jew Br	
Facility and environmental risk  Proposed 3:  Facilities  NRCB USE ONLY							
information		Existing Proposed 1 Proposed 2 Proposed 3		Meets requirements	Comments		
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?	[] >1 m	☑ >1 m □ ≤1 m		☐ > 1 m ☐ ≤ 1 m	YES NO NO YES with exemption	Not in a known flood plain
<u>.</u> .	How many springs are within 100 m of the manure storage facility or manure collection area?	Ô	0	0		YES NO YES with exemption	None observed on site
information	How many water wells are within 100 m of the manure storage facility or manure collection area?	0	0	0		YES NO YES with exemption	No water wells within 100 r
. <u>.</u>	What is the shortest distance from the manure collection or storage facility to a surface water body? (e.g., lake, creek, slough, seasonal)	121	121	121		YES NO YES with exemption	Intermittent stream approximately 2 km north CFO
ation	What is the depth to the water table?		17,6	17.6		YES NO YES with exemption	>4 m below grade in Parkland Geo Report in LA17037 TD
Groundwater	What is the depth to the groundwater resource/aquifer you draw water from?	137	137	137		YES NO YES with exemption	20.73 m in Water Well ID# 178158



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

# NRCB USE ONLY ENVIRONMENTAL RISK SCREENING INFORMATION

#### **ERST** for **proposed** facilities

Facility	Groundwater score	Surface water score	File number
Broiler barn	Low	Low	LA25025
Mc Barn (already constructed)	Low	Low	LA25025

#### **ERST** for **existing** facilities

Facility	Groundwater score	Surface water score	File number
Chicken layer barn with addition	Low	Low	LA22021/LA17037
Feedlot pen #1	Low	Low	LA17037
Feedlot pen #2	Low	Low	LA17037
Calving barn	Low	Low	LA17037
Catch basin	Low	Low	LA17037
Chicken broiler barn	Low	Low	LA17037
Pullet barn	Low	Low	LA17037
Solid manure storage pad	Low	Low	LA17037

#### **ERST** related comments:



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

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

					NRCB USE ON	LY	
Neighbour name(s)	Legal land description	Distance (m)	Zoning (LUB) category	MDS category (1-4)	Distance (m)	Waiver attached (if required)	Meets regulations
Brent Knapik	NW 34242W4	2,5 Km	Ag	1	>2 km	N/A	Yes
Lood Rofa	NW 24 24 2 W4	3.0 Km	Ag	1	>2 km	N/A	Yes
Shary Hoyt	NE 11 25 2 WY	3,0 km	Ag	1 1	>1 km	N/A	Yes
, ,	20 60 100 100						

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

				NRCB US	EONLY
Name of land owner(s)*	Legal land description	Usable area** (ha)	Soil zone ***	Usable area (ha)	Agreement attached (if required)
AO Comment: See list of land on	next page for land available for n	anure spreading.			
			Total	6,702.5 acres	

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

Additional information (attach any additional information as required)

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<sup>\*\*</sup> 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)

<sup>\*\*\*</sup> Brown, dark brown, black, grey wooded, or irrigated



#### LAND BASE FOR MANURE AND COMPOST APPLICATION

(Complete this section ONLY if you are proposing to apply manure and/or compost to land for your proposed development.)

#### Land details

Name of landowner(s)		Legal	land des	cription		Area (usable hectares).	Soll Zone
(If you are <b>not</b> the registered land owner, please attach copies of land use agreements signed by all landowners.)	Qtr	Sec	Twp	Rge	W of M	(usable nectares)	
	NE	35	24	2	4	100	
	SE	35	24	2	4	100	
	NE	26	24	2	4	160	
	full	36	24	2	4	620	
	& E SW	25	24	2	4	460	
	1-216	31	24	2	4	460	
	NW	30	24	2	4	300	
	NE	32	24	2	4	310	
	SESW	7	25	2	4	460	
	full	8	25	2	4	460	
					TOTAL:	3430	

Additional information (Attach copies of all signed land use agreements.)

copies or all si	gned lan	u use ayre	ements	.,	
full	22	24	2	4	640
full	15	24	2	4	640
SW	17	24	2	4	320
full	4	25	2	4	620
SE	31	24	2	4	(already included earlier in list)
NESE	7	24	2	4	460
SI	14	24	2	4	160
NW	11	24	2	4	160
SE	26	24	2	4	320
NWSE-	36	24	2	4	(already included earlier in list)
WW SW	24	25	2	4	440
NW	23	25	2	4	310
NE				top	4850 3430 Page of

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Total = 7,500 acres

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Name Address Legal Land Location

MDS Spreadsheet based on 2006 AOPA Regulations

	eadsheet based on 2006 AOPA	L	T I I	8.41.1	1.011	_	Minima Income of	1.011
Category	Type of Livestock	Factor A	Technology	MU	LSU		Number of	LSU
of			Factor		Factor		Animals	
Livestock								
Feedlot	Beef Cows/Finishers (900+ lbs)	0.700	0.700	0.910	0.4459	T	500	223.0
Animals	Beef Feeders (450 - 900 lbs)	0.700	0.700	0.500	0.2450	H	000	
7 4 11111 1010	Beef Feeder Calves (<550 lbs)	0.700	0.700	0.275	0.1348	H		
	Horses - PMU		0.700	1.000	0.1548	H		
		0.650						
	Horses - Feeders > 750 lbs	0.650	0.700	1.000	0.4550	H		
	Horses - Foals < 750 lbs	0.650	0.700	0.300	0.1365	L		-
	Mules	0.600		1.000	0.4200			-
	Donkeys	0.600		0.670	0.2814		-	-
	Bison	0.600	0.700	1.000	0.4200			-
	Other							-
Dairy	Free Stall – Lactating Cows with all associated dries, heifers, and	0.800	1.100	2.000	1.7600			-
(*count lactating	calves* Free Stall – Lactating Cows with Dry	0.800	1.100	1.640	1.4432			
cows only)	Cows only*							
	Free Stall – Lactating Cows only	0.800	1.100	1.400	1.2320	L		-
	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	0.800	0.700	0.875	0.4900	L		_
	(Breeding to Calving)					L		
	Replacements - Growing Heifers (350 lbs to breeding)	0.800	0.700	0.525	0.2940			-
	Calves (< 350 lbs)	0.800	0.700	0.200	0.1120			-
	Other					_		-
Swine	Farrow to finish *	2.000	1.100	1.780	3.9160			-
Liquid	Farrow to wean *	2.000	1.100	0.670	1.4740			-
(*count	Farrow only *	2.000	1.100	0.530	1.1660			-
sows only)	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	Farrow to finish *	2.000	0.800	1.780	2.8480			-
Solid	Farrow to wean *	2.000		0.670	1.0720			-
(*Count	Farrow only *	2.000		0.530	0.8480	T		-
sows only)	Feeders/Boars	2.000		0.200	0.3200	H		_
JOW JOHNY)	i ccacio/boaio			0.200				
	Growers/Roasters		0.800	0.110	0.1000			
	Growers/Roasters	2.000		0.118	0.1888			-
	Growers/Roasters Weaners		0.800 0.800	0.118 0.055	0.1888 0.0880			-
	Weaners Other	2.000 2.000	0.800	0.055	0.0880			-
Poultry	Weaners Other Chicken - Breeders - Solid	2.000 2.000 1.000	0.800	0.055	0.0880			-
Poultry	Weaners Siner Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets)	2.000 2.000	0.800	0.055	0.0880		28,500	- - - 501.6
Poultry	Weaners Siner Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets)	2.000 2.000 1.000	0.800	0.055	0.0880		28,500	-
Poultry	Weaners Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage)	2.000 2.000 1.000 2.000	0.800 0.700 1.100	0.055 0.010 0.008 0.008	0.0880 0.0070 0.0176 0.0112		28,500	-
Poultry	Weaners    State   Chicken - Breeders - Solid	2.000 2.000 1.000 2.000 2.000 2.000	0.800 0.700 1.100 0.700 0.700	0.055 0.010 0.008 0.008 0.008	0.0880 0.0070 0.0176 0.0112 0.0112			- 501.6 -
Poultry	Weaners  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers	2.000 2.000 1.000 2.000 2.000 2.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014		28,500	-
Poultry	Weaners  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders	2.000 2.000 1.000 2.000 2.000 2.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140			- 501.6 -
Poultry	Weaners    State   Chicken - Breeders - Solid	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.002 0.020 0.013	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091		80,000	- 501.6 - - 112.0
Poultry	Weaners  Ther  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.013 0.010	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070			501.6 - - - 112.0 - - 2.1
Poultry	Weaners  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Ducks	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.013 0.010 0.010	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0091 0.0070 0.0070		80,000 300 400	- 501.6 - - 112.0 - - 2.1 2.8
Poultry	Weaners  Ther  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.013 0.010	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070		80,000	501.6 - - - 112.0 - - 2.1
,	Weaners  Ther  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Geese	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.013 0.010 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070 0.0070		80,000 300 400	- 501.6 - - 112.0 - - 2.1 2.8
Sheep and	Weaners  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Geese  Ducks  Geese  Sheep - Ewes/Rams	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.020	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.0840		80,000 300 400	501.6 - - - 112.0 - - 2.1 2.8 2.8
,	Weaners  Jibar Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Jiber Sheep - Ewes/Rams Sheep - Ewes with lambs	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.020 0.220 0.220	0.0880 0.0070 0.0176 0.0112 0.0114 0.0140 0.0091 0.0070 0.0070 0.0140 0.00840 0.0840 0.0840		80,000 300 400	- 501.6 - - 112.0 - - 2.1 2.8
Sheep and	Weaners  Ther  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Geese  Sheep - Ewes/Rams  Sheep - Ewes with lambs  Sheep - Lambs	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000 0.600 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.013 0.010 0.020 0.2200 0.250 0.050	0.0880 0.0070 0.0176 0.0112 0.0114 0.0140 0.0091 0.0070 0.0070 0.0140 0.00840 0.1050 0.0210		80,000 300 400	501.6 - - - 112.0 - - 2.1 2.8 2.8
Sheep and	Weaners  Other  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Geese  Other  Sheep - Ewes/Rams  Sheep - Ewes with lambs  Sheep - Lambs  Sheep - Feeders	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.010 0.010 0.020 0.200 0.250 0.250 0.100	0.0880 0.0070 0.0176 0.0112 0.0114 0.0140 0.0091 0.0070 0.0070 0.0140 0.0840 0.1050 0.0210 0.0420		80,000 300 400	501.6 - - - 112.0 - - 2.1 2.8 2.8
Sheep and	Weaners  Jibar Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Jiber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe)	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.010 0.020 0.250 0.050 0.100 0.170	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0070 0.0070 0.0070 0.0140 0.0840 0.1050 0.0210 0.0420 0.0833		80,000 300 400	501.6 - - - 112.0 - - 2.1 2.8 2.8
Sheep and	Weaners  Ther  Chicken - Breeders - Solid  Chicken - Layers - Liquid (includes associated pullets)  Chicken - Layers - (Belt Cage)  Chicken - Layers - (Deep Pit)  Chicken - Layers - (Deep Pit)  Chicken - Pullets/Broilers  Turkey - Toms/Breeders  Turkey - Hens (light)  Turkey - Broilers  Ducks  Geese  Sheep - Ewes/Rams  Sheep - Ewes with lambs  Sheep - Lambs  Sheep - Feeders  Goats - Meat/Milk (per Ewe)  Goats - Nannies/Billies	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.013 0.010 0.010 0.020 0.250 0.050 0.100 0.170 0.140	0.0880 0.0070 0.0176 0.0112 0.0114 0.0140 0.0091 0.0070 0.0070 0.0140 0.0420 0.0210 0.0210 0.023 0.0833 0.0688		80,000 300 400	- 501.6
Sheep and	Weaners  Jibar Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Jiber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe)	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.010 0.020 0.250 0.050 0.100 0.170	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0070 0.0070 0.0070 0.0140 0.0840 0.1050 0.0210 0.0420 0.0833		80,000 300 400	501.6 - - - 112.0 - - 2.1 2.8 2.8
Sheep and Goats	Weaners    Subar	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.0840 0.1050 0.0210 0.0420 0.0833 0.0686 0.0377		80,000 300 400	- 501.6
Sheep and	Weaners    State   Company	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.010 0.010 0.010 0.010 0.010 0.010 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0140 0.0091 0.0091 0.0070 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0340 0.0420 0.0420 0.0833 0.0686 0.0377		80,000 300 400	- 501.6 - 112.0 - - 2.1 2.8 2.8 - - - - -
Sheep and Goats	Weaners    Subar	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 0.600 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0014 0.0140 0.0091 0.0070 0.0140 0.0840 0.1050 0.0210 0.0420 0.0833 0.0686 0.0377		80,000 300 400	- 501.6 - 112.0 - - 2.1 1.2 2.8 2.8 - - - -
Sheep and Goats	Weaners    State   Company	2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700	0.800 0.700 1.100 0.700	0.055 0.010 0.008 0.008 0.008 0.002 0.020 0.010 0.010 0.010 0.010 0.010 0.010 0.170 0.140 0.077	0.0880 0.0070 0.0176 0.0112 0.0112 0.0140 0.0091 0.0091 0.0070 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0140 0.0340 0.0420 0.0420 0.0833 0.0686 0.0377		80,000 300 400	- 501.6 - 112.0 - 2.1 2.8 2.8 
Sheep and Goats	Weaners    State   Chicken - Breeders - Solid	2.000 2.000 2.000 2.000 2.000 2.000 1.000 1.000 1.000 0.600 0.600 0.700 0.700 0.700 0.600	0.800 0.700 1.100 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700 0.700	0.055 0.010 0.008 0.008 0.002 0.020 0.010 0.010 0.020 0.250 0.050 0.100 0.170 0.140 0.077 0.600 0.200	0.0880 0.0070 0.0176 0.0112 0.0112 0.0014 0.0091 0.0070 0.0140 0.0070 0.0140 0.0840 0.0833 0.0686 0.0377		80,000 300 400	- 501.6 - 112.0 - 2.1 2.8 2.8 

Total 844.3

For New Operations
Dispersion Factor

		Dista	ance
Category	Odour Objective	Feet	Metres
1	41.04	1,575	480
2	54.72	2,100	640
3	68.4	2,625	800
4	109.44	4,201	1,280

# For Expanding Operations Dispersion Factor Expansion Factor

		Dista	ance
Category	Odour Objective	Feet	Metres
1	41.04	1,213	370
2	54.72	1,617	493
3	68.40	2,022	616
4	109.44	3,235	986

Name Meridian Hutterian Brethren
Address 0
Legal Land
Location 0

Landbase Requirements (hectares) based on 2006 AOPA requirements

		sed on 200				
Category of	Type of Livestock		Dark Brown	Grey	Black	Irrigated
Livestock		Animals	& Brown	Wooded	(ha)	(ha)
			(ha)	(ha)		
Feedlot	Cows/Finishers (900+ lbs)	500.0	62.5	52.0	39.0	31.0
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 - 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	Free Stall – Lactating Cows with all associated dries, heifers, and	0.0	0.0	0.0	0.0	0.0
(*count	calves*					
lactating cows only)	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	0.0	0.0	0.0	0.0	0.0
	(Breeding to Calving)		0	2.0	0	2.0
	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
	Other	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
	Other	0.0				
Swine	Farrow to finish *	0.0	0.0	0.0	0.0	0.0
Swine Solid	Farrow to finish * Farrow to wean *	0.0	0.0	0.0	0.0	0.0
Solid	Farrow to wean * Farrow only * Feeders/Boars	0.0	0.0	0.0	0.0	0.0
Solid (*Count	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0	0.0 0.0	0.0
Solid (*Count	Farrow to wean * Farrow only * Feeders/Boars	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0	0.0 0.0 0.0
Solid (*Count sows only)	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters Weaners	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0
Solid (*Count	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters Weaners Chicken - Breeders - Solid	0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0
Solid (*Count sows only)	Farrow to wean * Farrow only * Fereders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9	0.0 0.0 0.0 0.0 0.0 0.0 94.1
Solid (*Count sows only)	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0	0.0 0.0 0.0 0.0 0.0 0.0 188.1	0.0 0.0 0.0 0.0 0.0 0.0 156.8	0.0 0.0 0.0 0.0 0.0 0.0 116.9	0.0 0.0 0.0 0.0 0.0 0.0 94.1
Solid (*Count sows only)	Farrow to wean * Farrow only * Fereders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0	0.0 0.0 0.0 0.0 0.0 0.0 188.1	0.0 0.0 0.0 0.0 0.0 0.0 156.8	0.0 0.0 0.0 0.0 0.0 0.0 116.9	0.0 0.0 0.0 0.0 0.0 0.0 94.1
Solid (*Count sows only)	Farrow to wean * Farrow only * Fereders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 0.0 0.0 0.0 80000.0	0.0 0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8	0.0 0.0 0.0 0.0 0.0 0.0 116.9	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4
Solid (*Count sows only)	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4
Solid (*Count sows only)	Farrow to wean * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 0.0 80000.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0
Solid (*Count sows only)	Farrow to wean * Farrow only * Ferow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers	0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 0.0 80000.0 0.0 300.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0	0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0
Solid (*Count sows only)	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks	0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 0.0 80000.0 0.0 0.0 300.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 1.6 0.6	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 0.0 162.4 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.0
Solid (*Count sows only)	Farrow to wean * Farrow only * Ferow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 80000.0 0.0 0.0 300.0 300.0 300.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0	0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.8
Solid (*Count sows only)	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese	0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 80000.0 0.0 300.0 400.0 200.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0 1.6 0.6	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.8 0.3
Solid ("Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese  Litter Sheep - Ewes/Rams	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 1.6 0.6	0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 0.0 162.4 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.3 0.3
Solid (*Count sows only)	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Diber Sheep - Ewes/Rams Sheep - Ewes with lambs	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0 0.0 0.6 0.6	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3
Solid ("Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Ferow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 80000.0 0.0 0.0 300.0 400.0 200.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.8 0.3
Solid ("Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Bep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese  Wester Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 0.6 0.6 0.6	0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3
Solid ("Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Diber Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0 0.0 0.6 0.6 0.6	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese  Diver Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 1.0 0.4 0.4 0.4 0.0 0.0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 130.4 0.0 0.0 0.3 0.3 0.3 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Naannies/Billies Goats - Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 260.0 0.0 0.0 0.6 0.6 0.6	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese  Ducks Geese  Ducks Geese  Sheep - Ewes/Rams Sheep - Lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.5 0.5 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Bloof Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Meat/Milk (per Ewe) Goats - Feeders Bloof Goats - Feeders Goats - Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 130.4 0.0 0.0 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese  Ducks Geese  Ducks Geese  Sheep - Ewes/Rams Sheep - Lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 28500.0 0.0 80000.0 0.0 0.0 300.0 400.0 200.0 0.0 0.0 0.0 0.0 0.0 0.	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.5 0.5 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep  Cervid	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Broilers Ducks Geese  Story Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Maat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders Elk Deer	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Diner Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Meat/Milk (per Ewe) Goats - Feeders Diner Elk Deer Diner Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 1.3 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 0.0 0.0 0.3 0.3 0.3 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep  Cervid	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Broilers Ducks Geese  Story Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Lambs Sheep - Lambs Sheep - Lambs Sheep - Lambs Goats - Maat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders Elk Deer	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 260.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.3 0.3 0.3 0.0 0.0 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep  Cervid	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Diner Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Meat/Milk (per Ewe) Goats - Feeders Diner Elk Deer Diner Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 1.3 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 0.0 0.0 0.3 0.3 0.3 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep  Cervid	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Pullets/Broilers Turkey - Toms/Breeders Turkey - Hens (light) Turkey - Broilers Ducks Geese Diner Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Meat/Milk (per Ewe) Goats - Feeders Diner Elk Deer Diner Feeders	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 1.3 0.5 0.5 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.3 0.3 0.3 0.0 0.0 0.0
Solid (*Count sows only)  Poultry  Goats and Sheep	Farrow to wean * Farrow only * Farrow only * Feeders/Boars Growers/Roasters Weaners  Chicken - Breeders - Solid Chicken - Layers - Liquid (includes associated pullets) Chicken - Layers - (Belt Cage) Chicken - Layers - (Deep Pit) Chicken - Layers - (Deep Pit) Turkey - Broilers Turkey - Hens (light) Turkey - Broilers Ducks Geese Diber Sheep - Ewes/Rams Sheep - Ewes/Rams Sheep - Ewes with lambs Sheep - Lambs Sheep - Feeders Goats - Meat/Milk (per Ewe) Goats - Nannies/Billies Goats - Feeders  Goats - Feeders  Siner Elk Deer  Peeders Sow (farrowing)	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0	0.0 0.0 0.0 0.0 0.0 0.0 188.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 156.8 0.0 0.0 216.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 0.0 0.0 116.9 0.0 162.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	0.0 0.0 0.0 0.0 0.0 94.1 0.0 0.0 130.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



NRCB USE ONLY								
MINIMUM DISTAN	CE SEPARATI	ON						
Methods used to determin	e distance (if appl	icable): _	Google	Earth				
Margin of error (if applicat	ole): <u>+/- 5 m</u>							
Requirements (m): Catego	ory 1: 480	Ca	tegory 2	640	Category 3	800		Category 4: 1,280
Technology factor:						☐ YES		NO
Expansion factor:						☐ YES		NO
MDS related concerns from	n directly affected	parties o	r referra	l agencie	s:	☐ YES		NO
LAND BASE FOR MA	ANURE AND O	ОМРО	ST AP	PLICAT	TION			
Land base required:	1,269 acres br	own/da	rk brow	n				
Land base listed:	7,500 acres br	own/dar	k browr	า				
Area not suitable:	797.5 acres							
Available area	6,702.5 acres l	orown/d	ark brov	vn	Requirement me	t: 🔽 YE	s 🗆	NO
Land spreading agreemen	ts required:	☐ YES	☑ NO					
Manure management plan	:	☐ YES	☑ NO		If yes, plan is at	ttached:		
PLANS								
Submitted and attached co	onstruction plans:		☐ YES	☑ NO				
Submitted aerial photos:			☑ YES	□ NO				
Submitted photos:			☐ YES	☑ NO				
GRANDFATHERING	i							
Already completed:			☐ YES	□ №	☑ N/A			
If already completed, see								



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

	ete liner)	into zaton bann, recaret, a		le racility for so	lid manure, co	omposting materials, or compost w
		(as indicated on site plan)		Mein	Remil	er Barn
CHIL	y description / name	(as indicated on site plan)		NA C	0	(already constructed)
			2	MC	Dar	(all eady constructed)
nur	e storage capacity					STATE OF THE PARTY OF
	Length (m)	Width (m)		Depth below gr bottom of the		NRCB USE ONLY Estimated storage capacity (m <sup>3</sup> )
	60 X 400	(18.3 m 121.9 m)				
	40 X 150	(12.2 m 45.7 m)				
				TOTA	AL CAPACITY	Sufficient storage with solid manure storage pad
uire r <b>fac</b>		out in the NRCB <u>Short-Terr</u> <b>ms</b>				
uire r <b>fac</b>	ments for STMS are set  e water control syste ibe the run-on and runc	out in the NRCB <u>Short-Terr</u> <b>ms</b> ff control system				
uire rfac	ments for STMS are set e water control syste	out in the NRCB <u>Short-Terr</u> <b>ms</b> ff control system				
rfac escr	e water control systemibe the run-on and rund	out in the NRCB <u>Short-Terr</u> ms  ff control system	n Solid M	anure Storage		handling plan for this CFO. The AOF
rfac escr	e water control systemibe the run-on and rund	out in the NRCB <u>Short-Terr</u> <b>ms</b> ff control system	n Solid M	anure Storage		
rfac escr	e water control systemibe the run-on and runce the runce the run-on and run-on and run-on and run-on and runce the	out in the NRCB Short-Terr	n Solid M	anure Storage	Requirements	
rfac escr	e water control systemibe the run-on and runce the runce the run-on and run-on and run-on and run-on and runce the	out in the NRCB Short-Terr	n Solid M	anure Storage	Requirements	
rfac escr	e water control systemibe the run-on and runce the runce the run-on and run-on and run-on and run-on and runce the	out in the NRCB <u>Short-Terr</u> ms  ff control system	n Solid M	anure Storage	Requirements	Fact Sheet.
ner p	e water control systemibe the run-on and runce the runce the run-on and run-on and run-on and run-on and runce the	out in the NRCB Short-Terr	n Solid M	anure Storage	Requirements	

**NRCB USE ONLY** 



SOLID MANURE,	COMPOST, &	COMPOSTING	MATERIALS: B	arns, feedlots	& storage	facilities -
Concrete liner (c	ont.)					

Concrete liner details					
Concrete thickness	Method of sulphate protection:				
1 5	(7)				
binch	50				
Concrete strength	Concrete reinforcement size and spacing				
Concrete strength 3 2 mp h	= inch = 2 4 x 2 4 18" x 18"				
Concrete requirements can be found in Technical Guideline A					
Guideline minimums: Solid manure: 25MPa (D)	Requirements met: YES NO				
Solid manure (wet): 30MPa (C)	Condition required:   ✓ YES □ NO				
Method of sulphate protection: Type 50 or Type 10 with fly ash or equivalent	Report attached: YES VO				
	Report attached. 123 V 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: greater than 4 m below gra	ade Requirements met: YES NO				
	ow grado				
Depth to Uppermost groundwater resource: 20.73 m beld	ow grade Requirements met: YES NO				
ERST completed:  see ERST page for details					
Surface water control systems					
Requirements met: YES NO Details/comments:					
Concrete liner details					
proposed broiler barn will meet the specifications	e applicant to provide proof that the concrete of the for category D (solid manure - dry) as outlined in ed Concrete Liners for Manure Collection and Storage				
Leakage detection system required: ☐ YES ☐ NO If ye	es, please explain why.				
<b>→</b> 13 1/1					
Look undeted: 24 Mar 2020	Page of				
Last updated: 31 Mar 2020	Page of				
	RCB USE ONLY				





#### **Concrete Test Report**

Project Number: MH22-1610

Set Number: 2 Cylinders: 2

Report Date: 28-Sep-22
Sampled By: Client
Tested By: Client
Cast by: Client
Copies To: Client

To: Meridian Agriculture Co. P.O.Box 210 Acadia Valley, Alberta T0J 0A0

Attn: Ruben Entz

AO Comment: Concrete specifications for Mc Barn, which has already been constructed.

Project: Concrete Testing Meridan Colony Acadia Valley Alberta

LABORATORY TEST DATA										
Cyl. #	Tested By	Test Date	Age at Test (Days)	Dia. (mm)	Mass (g)	Max. Load (Kn)	Area (mm²)	Strength (MPa)	Fracture Type	区区
A B	Daniel Sanders	28-Sep-22 12-Oct-22	14 28	102.0	3804	274.5	8171.3	33.6	1	

SPECIFICATIONS	FIELD TEST DATA					
Specified Strength MPa @ days	Sample Collected Sample Cast Sample Received		14-Sep- 14-Sep- 23-Sep-22 1:00p	22		
TICKET INFORMATION	Cylinder Cure CURING BOX LOCATION:	COMN	MENTS Review By	Daniel Sanders		
	EnviroGeoTech Consulting	3 Inc	Dandels			

Reporting of these test results constitutes a testing service only. Engineering interpretation or evaluation of test results is provided only on written request.



☑YES □	]no									
DATES OF APPROVAL OFFICER SITE VISITS										
CORRESPONDENCE WITH MUNICIPALITIES AND REFERRAL AGENCIES										
Date deeming letters sent: April 15, 2025										
		-								
eived 🛭 writter	n/email $\square$	verbal $\Box$	no comments received							
Alberta Health Services: ☑ N/A										
ved 🔲 writter	n/email $\square$	verbal $\Box$	no comments received							
Alberta Environment and Parks:   N/A										
ved 🔲 writter	n/email $\Box$	verbal 🖸	no comments received							
□ N/A										
ved 🛭 writter	n/email $\Box$	verbal $\Box$	no comments received							
Alberta Regulatory Services:										
ved 🗌 writter	n/email	verbal $\Box$	no comments received							
Other: Dry Country Gas Co-op Ltd.										
		LJ N/A								
ved	n/email $\Box$	verbal 💆	no comments received							
Other:										
ved 🔲 writter	n/email $\Box$	verbal $\Box$	no comments received							
	CIPALITIES AN  eived  writter  N/A  ved  writter  N/A  ved  writter  N/A  ved  writter  N/A  ved  writter  writter  writter	cived written/email	CIPALITIES AND REFERRAL AGENCIES  eived   written/email   verbal   werbal   werbal							