



MDS I Caroline Baker Allenford

General information

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<b>Application date</b> Feb 1, 2024	<b>Municipal file number</b>	<b>Proposed application</b> New or expanding zone or designation for a residential use outside of a settlement area (e.g. estate or rural residential)
<b>Applicant contact information</b> Caroline Baker Baker Planning Group ON 226-783-0910	<b>Location of subject lands</b> County of Bruce Town of The South Bruce Peninsula AMABEL Concession 2 , Lot 19 Roll number: 410254000127150	

## Calculations

## Skinner Farm

## Farm contact information

Larry & Nancy Skinner  
392 Blind Line  
Allenford, ON  
519-291-4870

## Location of existing livestock facility or anaerobic digester

County of Bruce  
Town of The South Bruce Peninsula  
AMABEL  
Concession 3 , Lot 19  
Roll number: 410254000202400

## Total lot size

200 ac

## Notes

Barn is currently empty

## Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Swine, Feeders (27 - 136 kg), Deep Bedded	400	76.2 NU	6415 ft²

## Setback summary

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM			
Design capacity	76.2 NU			
Potential design capacity	228.6 NU			
Factor A (odour potential)	1.2	Factor B (design capacity)	421.69	
Factor D (manure type)	0.7	Factor E (encroaching land use)	2.2	

Building base distance 'F' (A x B x D x E)  
(minimum distance from livestock barn)

780 m (2559 ft)

Actual distance from livestock barn

NA

Storage base distance 'S'  
(minimum distance from manure storage)

780 m (2559 ft)

Actual distance from manure storage

NA

## Skinner Farm Unoccupied

## Farm contact information

Larry & Nancy Skinner  
392 Blind Line  
Allenford, ON  
519-291-4870

## Location of existing livestock facility or anaerobic digester

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Town of The South Bruce Peninsula  
AMABEL  
Concession 3 , Lot 19  
Roll number: 410254000202400

## Total lot size

200 ac

## Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	6865 ft <sup>2</sup>	31.9 NU	6865 ft <sup>2</sup>



## Unoccupied Barn or Unused Storage (Skinner Farm Unoccupied )

The calculated setback is based on assumptions for an unoccupied barn or unused storage that may not reflect the actual design capacity.

## Setback summary

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	31.9 NU		
Potential design capacity	95.7 NU		
Factor A (odour potential)	1	Factor B (design capacity)	311.88
Factor D (manure type)	0.7	Factor E (encroaching land use)	2.2
Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	481 m (1578 ft)		
Actual distance from livestock barn	NA		
Storage base distance 'S' (minimum distance from manure storage)	481 m (1578 ft)		
Actual distance from manure storage	NA		

## Preparer signoff &amp; disclaimer

## Preparer contact information

Tina Beirnes  
Tina Beirnes Ag Consulting  
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tinabeirnes@gmail.com

Signature of preparer

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Tina Beirnes , Nutrient Management  
Consultant

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Date (mmm-dd-yyyy)

**Note to the user**

The Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) has developed this software program for distribution and use with the Minimum Distance Separation (MDS) Formulae as a public service to assist farmers, consultants, and the general public. This version of the software distributed by OMAFRA will be considered to be the official version for purposes of calculating MDS. OMAFRA is not responsible for errors due to inaccurate or incorrect data or information; mistakes in calculation; errors arising out of modification of the software, or errors arising out of incorrect inputting of data. All data and calculations should be verified before acting on them.

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