

MDS I

General information

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<b>Application date</b> Feb 1, 2024	<b>Municipal file number</b> S30, C16, L18 and Z142	<b>Proposed application</b> Lot creation for four, or more, residential lots outside of a settlement area
<b>Applicant contact information</b> Stuart Doyle Barry's Construction and Insulation Ltd. 7839 Highway 21 Allenford, ON N0H 1A0 519-934-3374 stu@barrysconstruction.ca	<b>Location of subject lands</b> County of Bruce Town of The South Bruce Peninsula AMABEL Concession 2 , Lot 19 Roll number: 410254000127150	

Calculations

Default factor calculation


<b>Farm contact information</b> Larry and Nancy Skinner Stonaleen Farms Ltd. 392 Blind Line Amabel, ON N0H 2T0 519-492-0081 larryskinner@cyg.net	<b>Location of existing livestock facility or anaerobic digester</b> County of Bruce Town of The South Bruce Peninsula AMABEL Concession 3 , Lot 19 Roll number: 410254000202400	<b>Total lot size</b> 80 ha
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**Notes**

Default factor calculation based on measurements obtained at a site visit on January 19, 2024. Owners in attendance.

**Livestock/manure summary**

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Unoccupied Livestock Barn	261 m²	13.1 NU	261 m²
Solid	Unoccupied Livestock Barn	333 m²	16.6 NU	333 m²





**Unoccupied Barn or Unused Storage (Default factor calculation)**

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	29.7 NU
Potential design capacity	89.1 NU

Factor A (odour potential)	1	Factor B (design capacity)	306.01
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)	472 m (1549 ft)
Actual distance from livestock barn	308 m (1009 ft) 
Storage base distance 'S' (minimum distance from manure storage)	472 m (1549 ft)
Actual distance from manure storage	352 m (1155 ft) 

Preparer signoff & disclaimer

**Preparer contact information**  
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Bruce County  
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Signature of preparer

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Jenn Burnett , Senior Development  
Planner

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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.