

**MDS I**


**General information**

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**Application date**  
May 29, 2024

**Municipal file number**

**Proposed application**  
Lot creation for an agricultural use (e.g. farm split)

**Applicant contact information** 

ON

**Location of subject lands**  
County of Bruce  
Township of Huron-Kinloss  
HURON  
Concession 2 , Lot Part Lots 66 to 70  
Roll number: 410760001039000

## Calculations

### New farm

#### Farm contact information

ON

#### Location of existing livestock facility or anaerobic digester

County of Bruce  
Township of Huron-Kinloss  
HURON  
Concession 2 , Lot Part Lots 66 to 70  
Roll number: 4107160001105000

Total lot size  
60.7 ha

#### Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Liquid	Swine, Feeders (27 - 136 kg), Full Slats	10000	1904.8 NU	9570 m <sup>2</sup>
Liquid	Swine, Weaners (7 - 27 kg)	5000	250 NU	1997 m <sup>2</sup>

#### Setback summary

Existing manure storage	V5. Liquid, inside, underneath slatted floor		
Design capacity	2154.8 NU		
Potential design capacity	2154.8 NU		
Factor A (odour potential)	1.19	Factor B (design capacity)	887.02
Factor D (manure type)	0.8	Factor E (encroaching land use)	1.1
Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	929 m (3048 ft)		
Actual distance from livestock barn	NA		
Storage base distance 'S' (minimum distance from manure storage)	929 m (3048 ft)		
Actual distance from manure storage	NA		

#### Preparer signoff & disclaimer

##### Preparer contact information

Ron Davidson  
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Owen Sound, ON  
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Signature of preparer

Ron Davidson

05-29-2024

Ron Davidson

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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