

## MDS I

## General information

<b>Application date</b> Jan 29, 2026	<b>Municipal file number</b>	<b>Proposed application</b> Lot creation for a maximum of three non-agricultural use lots
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<b>Applicant contact information</b> ON	<b>Location of subject lands</b> County of Grey Township of West Grey BENTINCK Concession 14 , Lot Part Lot 13, Lot 14 Roll number: 4205280007112000
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## Calculations

## Barn on severed parcel

<b>Farm contact information</b> ON	<b>Location of existing livestock facility or anaerobic digester</b> County of Grey Township of West Grey BENTINCK Concession 14 , Lot Part Lot 14 Roll number: 4205280007112000	<b>Total lot size</b> 5.37 ha
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## Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Feeders (7 - 16 months), Yard/Barn	5	1.7 NU	21 m <sup>2</sup>
Solid	Horses, Large-framed, mature; > 680 kg (including unweaned offspring)	5	7.1 NU	151 m <sup>2</sup>

**Setback summary**

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM			
Design capacity	8.8 NU			
Potential design capacity	17.6 NU			
Factor A (odour potential)	0.72	Factor B (design capacity)	192.06	
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1	
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Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	107 m (351 ft)			
Actual distance from livestock barn	107 m (351 ft)			
Storage base distance 'S' (minimum distance from manure storage)	No existing manure storage			
Actual distance from manure storage	NA			

**Barn on property to the west**

Farm contact information ON	Location of existing livestock facility or anaerobic digester County of Grey Township of West Grey BENTINCK Concession 14 , Lot Part Lot 15 Roll number: 4205280007113000	Total lot size 21 ha
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**Livestock/manure summary**

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Feeders (7 - 16 months), Yard/Barn	6	2 NU	25 m <sup>2</sup>
Solid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	6	1 NU	20 m <sup>2</sup>
Solid	Swine, Feeders (27 - 136 kg), Solid Scrape	6	1.1 NU	8 m <sup>2</sup>
Solid	Chickens, Layer hens (for eating eggs; after transfer from pullet barn), Floor Run	20	0.1 NU	2 m <sup>2</sup>

**Setback summary**

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	4.3 NU		
Potential design capacity	4.3 NU		
Factor A (odour potential)	0.89	Factor B (design capacity)	150
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1
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Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	103 m (338 ft)		
Actual distance from livestock barn	192 m (630 ft)		
Storage base distance 'S' (minimum distance from manure storage)	103 m (338 ft)		
Actual distance from manure storage	192 m (630 ft)		

**Preparer signoff & disclaimer****Preparer contact information**

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**Signature of preparer***Ron Davidson*

Ron Davidson

Jan 29/26

Date (Month-Day-Year)

**Note to the user**

The Ontario Ministry of Agriculture, Food and Agribusiness (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 OMAFA will be considered to be the official version for purposes of calculating MDS. OMAFA 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.

