

**MDS II**

**General information**

**Application date**  
Jan 22, 2026

**Municipal file number**

**Applicant contact information**

[Redacted]  
[Redacted]  
[Redacted]  
[Redacted]

**Location of subject livestock facilities**

County of Grey  
Township of Southgate  
PROTON  
Concession 6, Lot 36  
Roll number: 420709000707400

**Calculations**

**New farm**

**Livestock/manure summary**

Manure Form	Type of livestock/manure	Existing maximum	Total after alteration	Estimated livestock barn area
Solid	Swine, Sows with litter, dry sows/boars	0 (0 NU)	120 (34.3 NU)	334 m <sup>2</sup>
Solid	Horses, Medium-framed, mature; 227 - 680 kg (including unweaned offspring)	0 (0 NU)	5 (5 NU)	116 m <sup>2</sup>
Liquid	Swine, Sows with litter, dry sows/boars	0 (0 NU)	120 (34.3 NU)	334 m <sup>2</sup>

**Setback summary**

Existing manure storage	<b>V5. Liquid, inside, underneath slatted floor</b>		
Existing design capacity	<b>0 NU</b>		
Design capacity after alteration	<b>73.6 NU</b>		
Factor A (odour potential)	<b>0.98</b>	Factor B (design capacity)	<b>292.13</b>
Factor C (orderly expansion)	<b>1.14</b>	Factor D (manure type)	<b>0.75</b>
<hr/>			
Building base distance 'F' (A x B x C x D) (minimum distance from livestock barn)	<b>245 m (804 ft)</b>		
Storage base distance 'S' (minimum distance from manure storage)	<b>245 m (804 ft)</b>		

### Setback distance summary

Description	Building setbacks		Storage setbacks	
Type A land uses	Minimum 245 m (804 ft)	Actual NA	Minimum 245 m (804 ft)	Actual NA
Type B land uses	Minimum 490 m (1608 ft)	Actual NA	Minimum 490 m (1608 ft)	Actual NA
Nearest lot line (side or rear)	Minimum 25 m (80 ft)	Actual NA	Minimum 25 m (80 ft)	Actual NA
Nearest road allowance	Minimum 49 m (161 ft)	Actual NA	Minimum 49 m (161 ft)	Actual NA

### Preparer signoff & disclaimer

#### Preparer contact information

Solomon Martin

[Redacted contact information]

#### Signature of preparer

[Redacted signature]

Solomon Martin

01-22-2026

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.