


**Stephen & Veronica MDS II 25**

**General information**

**Application date**  
Nov 6, 2025

**Municipal file number**

**Applicant contact information**

Stephen Martin  
185526 GREY COUNTY RD 9  
DUNDALK, ON  
N0C 1B0  


**Location of subject livestock facilities**

County of Grey  
Township of Southgate  
PROTON  
Concession 12, Lot 14  
Roll number: 420709000211500000

**Notes**

185526 GREY COUNTY RD 9  
DUNDALK ON N0C 1B0

## Calculations

### Farm A

#### Livestock/manure summary

Manure Form	Type of livestock/manure	Existing maximum	Total after alteration	Estimated livestock barn area
Solid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	0 (0 <u>NU</u> )	15 (2.5 <u>NU</u> )	49 <u>m<sup>2</sup></u>
Liquid	Dairy, Milking-age Cows (dry or milking) Large Frame (545 - 658 kg) (eg. Holsteins), 3 Row Free Stall	0 (0 <u>NU</u> )	60 (85.7 <u>NU</u> )	585 <u>m<sup>2</sup></u>
Liquid	Dairy, Heifers Large Frame (182 - 545 kg) (eg. Holsteins), Pack Scrape 1 Side	0 (0 <u>NU</u> )	72 (36 <u>NU</u> )	669 <u>m<sup>2</sup></u>
Liquid	Dairy, Milking-age Cows (dry or milking) Large Frame (545 - 658 kg) (eg. Holsteins), Bedded Pack	0 (0 <u>NU</u> )	4 (5.7 <u>NU</u> )	56 <u>m<sup>2</sup></u>
Solid	Horses, Medium-framed, mature; 227 - 680 kg (including unweaned offspring)	1 (1 <u>NU</u> )	6 (6 <u>NU</u> )	139 <u>m<sup>2</sup></u>
Solid	Chickens, Broilers	0 <u>m<sup>2</sup></u> (0 <u>NU</u> )	111.49 <u>m<sup>2</sup></u> (4.5 <u>NU</u> )	111 <u>m<sup>2</sup></u>
Solid	Beef, Feeders (7 - 16 months), Confinement Bedded Pack	61 (20.3 <u>NU</u> )	0 (0 <u>NU</u> )	<u>NA</u>
Solid	Chickens, Layer hens (for eating eggs; after transfer from pullet barn), Floor Run	0 (0 <u>NU</u> )	1199 (8 <u>NU</u> )	112 <u>m<sup>2</sup></u>

#### Setback summary

Existing manure storage	<b>L2. Liquid, outside, with a permanent floating cover</b>		
Existing design capacity	<b>21.3 <u>NU</u></b>		
Design capacity after alteration	<b>148.4 <u>NU</u></b>		
Factor A (odour potential)	<b>0.72</b>	Factor B (design capacity)	<b>362.55</b>
Factor C (orderly expansion)	<b>1.1108</b>	Factor D (manure type)	<b>0.79</b>



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

**230 m (755 ft)**

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


**250 m (820 ft)**

**Setback distance summary**


Description	Building setbacks		Storage setbacks	
	Minimum	Actual	Minimum	Actual
Type A land uses	230 (755 ft)	480 m (1575 ft)	250 m (820 ft)	568 m (1864 ft)
Type B land uses	Minimum 460 (1509 ft)	Actual 290 m (950 ft) 	Minimum 500 m (1640 ft)	Actual 379 m (1243 ft) 
Nearest lot line (side or rear)	Minimum 23 (75 ft)	Actual 98 m (322 ft)	Minimum 25 m (82 ft)	Actual 80 m (263 ft)
Nearest road allowance	Minimum 46 (151 ft)	Actual 542 m (1777 ft)	Minimum 50 m (164 ft)	Actual 586 m (1924 ft)

**Preparer signoff & disclaimer**

**Preparer contact information**

Adrien Martin  
 9481 Sally Street  
 Mount Forest, ON  
 N0G 2L0  
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**Signature of preparer**

  
 \_\_\_\_\_  
 Adrien Martin 2025/12/12  
Date (mmm-dd-yyyy)

**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 and Adrien Martin are 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. These calculations are provided to the municipality as a courtesy but do not exempt the municipality from responsibility.