

**Roll #1522-010-003-13901**  
Lot 5, Concession 8 (Douro)  
Qadir (Khattak)  
Minimum Distance Separation (MDS)



NOTE: New development, including lot creation, must be located outside the MDS arc(s) shown above.

**Scale (Metric)**  
1:7,200

PSR - Qadir (Khattak)

General information

<b>Application date</b> Oct 28, 2022	<b>Municipal file number</b>	<b>Proposed application</b> Lot creation for a maximum of three non-agricultural use lots
<b>Applicant contact information</b> Altaf Qadir ON	<b>Location of subject lands</b> County of Peterborough Township of Douro-Dummer DOURO Concession 8 , Lot 5 Roll number: 152201000313901	

Calculations

1376 Nassau

<b>Farm contact information</b> Altaf Qadir ON	<b>Location of existing livestock facility or anaerobic digester</b> County of Peterborough Township of Douro-Dummer DOURO Concession 8 , Lot 5 Roll number: 152201000313901	<b>Total lot size</b> 44 ac
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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, Cows, including calves to weaning (all breeds), Yard/Barn	294	294.3 NU	14717 ft <sup>2</sup>



**Confirm Livestock/Manure Information (1376 Nassau)**

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

Setback summary

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	294.3 NU		
Potential design capacity	300 NU		
Factor A (odour potential)	0.7	Factor B (design capacity)	463.8
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1
Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)			250 m (820 ft)
Actual distance from livestock barn			NA
Storage base distance 'S' (minimum distance from manure storage)			250 m (820 ft)
Actual distance from manure storage			NA

420 Douro 7th Line

**Farm contact information**

Steven Scott  
ON

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

County of Peterborough  
Township of Douro-Dummer  
DOURO  
Concession 8 , Lot 6  
Roll number: 152201000314000

**Total lot size**

105 ac

**Livestock/manure summary**

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	136	136.1 NU	6803 ft <sup>2</sup>



**Confirm Livestock/Manure Information (420 Douro 7th Line)**

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

**Setback summary**

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	136.1 NU		
Potential design capacity	408.2 NU		
Factor A (odour potential)	0.7	Factor B (design capacity)	516.58
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1
Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)			279 m (915 ft)
Actual distance from livestock barn			NA
Storage base distance 'S' (minimum distance from manure storage)			279 m (915 ft)
Actual distance from manure storage			NA

1503 Nassau Road

**Farm contact information**

Steven Scott  
ON

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

County of Peterborough  
Township of Douro-Dummer  
DOURO  
Concession 8 , Lot 6  
Roll number: 152201000402900

**Total lot size**

101 ac

**Livestock/manure summary**

Manure Form	Type of livestock/manure	Existing maximum number	Existing maximum number (NU)	Estimated livestock barn area
Solid	Beef, Cows, including calves to weaning (all breeds), Yard/Barn	55	54.6 NU	2731 ft <sup>2</sup>



**Confirm Livestock/Manure Information (1503 Nassau Road)**

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

**Setback summary**

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	54.6 NU		
Potential design capacity	163.9 NU		
Factor A (odour potential)	0.7	Factor B (design capacity)	375.32
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1

Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	203 m (666 ft)
Actual distance from livestock barn	NA
Storage base distance 'S' (minimum distance from manure storage)	203 m (666 ft)
Actual distance from manure storage	NA

#### 503 County Road 4

<b>Farm contact information</b> Harpeet Singh ON	<b>Location of existing livestock facility or anaerobic digester</b> County of Peterborough Township of Douro-Dummer DOURO Concession 8 , Lot 4 Roll number: 152201000400800	<b>Total lot size</b> 37 ac
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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, Cows, including calves to weaning (all breeds), Yard/Barn	55	54.6 NU	2731 ft <sup>2</sup>



#### Confirm Livestock/Manure Information (503 County Road 4)

The livestock/manure information has not been confirmed with the property owner and/or farm operator.

#### Setback summary

Existing manure storage	V3. Solid, outside, no cover, >= 30% DM		
Design capacity	54.6 NU		
Potential design capacity	109.2 NU		
Factor A (odour potential)	0.7	Factor B (design capacity)	325.67
Factor D (manure type)	0.7	Factor E (encroaching land use)	1.1
Building base distance 'F' (A x B x D x E) (minimum distance from livestock barn)	176 m (577 ft)		
Actual distance from livestock barn	NA		
Storage base distance 'S' (minimum distance from manure storage)	176 m (577 ft)		
Actual distance from manure storage	NA		

**Preparer contact information**

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705-742-2297  
atimmermans@dmwills.com

**Signature of preparer**

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Amanda Timmermans , Intermediate  
Land Use Planner

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.