



## Minimum Distance Separation I

Worksheet 1

Prepared By: Wendy Van Keulen, Community Development Coordinator, Township of Edwardsburgh Ca

**Description:** Peter Heusser AG severance  
**Application Date:** ~~Friday, February 12, 2021~~ **TRD**  
**Municipal File Number:** 1102 County Rd 21  
**Proposed Application:** Lot creation for an agricultural use (e.g. farm split)  
Type A Land Use

### Applicant Contact Information

Peter Heusser  
Estate of Dale Heusser  
1102 County Rd 21  
Spencerville, ON, Canada K0E 1X0  
Phone #1: 613.802.1958  
Email: peterheusser@live.com

### Location of Subject Lands

United Counties of Leeds and Grenville, Township of Edwardsburgh/Cardinal  
EDWARDSBURGH, Concession: 7, Lot: 10  
Roll Number: 070170103514500

**Calculation Name:** **Farm 1**

**Description:**

### Farm Contact Information

Mark Morbrook  
Two to Tango Farms Inc.  
1221 County Rd 21  
Spencerville, ON, Canada K0E 1X0  
Phone #1: 226.802.1774

### Location of existing livestock facility or anaerobic digester

United Counties of Leeds and Grenville, Township of  
Edwardsburgh/Cardinal  
EDWARDSBURGH, Concession: 6, Lot: 12  
Roll Number: 070170103509300  
Total Lot Size: 65 ha

The barn area is an estimate only and is intended to provide users with an indication of whether the number of livestock entered is reasonable.

Manure Type	Type of Livestock/Manure	Existing Maximum Number	Existing Maximum Number (NU)	Estimated Livestock Barn Area
Liquid	Dairy, Milking-age Cows (dry or milking) Large Frame (545 - 658 kg) (eg. Holsteins), 3 Row Free Stall	70	100.0	683 m <sup>2</sup>
Solid	Dairy, Heifers Large Frame (182 - 545 kg) (eg. Holsteins), Deep Bedded	45	22.5	293 m <sup>2</sup>
Solid	Dairy, Calves Large Frame (45 - 182 kg) (eg. Holsteins)	25	4.2	81 m <sup>2</sup>

**Existing Manure Storage:** M1. Liquid, outside, no cover, straight-walled storage

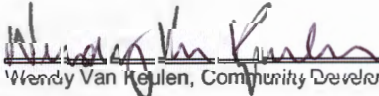
**Design Capacity (NU):** 126.7

**Potential Design Capacity (NU):** 380.0

Factor A (Odour Potential)	Factor B (Size)	Factor D (Manure Type)	Factor E (Encroaching Land Use)	Building Base Distance F' (minimum distance from livestock barn)	(actual distance from livestock barn)
0.7	X 503.81	X 0.78	X 1.1	= 302 m (991 ft)	332 m (1089 ft)
Storage Base Distance 'S'					(actual distance from manure storage)
372 m (1220 ft)					375 m (1230 ft)

### Preparer Information

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Signature of Preparer: 

Wendy Van Keulen, Community Development Coordinator

Date: **Feb 12, 2021**

### 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 use.  
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