

Hello Amos

Please see attached information on the MDS 1 calculation for the school. Please note, that the MDS 1 report has been prepared for a school for a horse-drawn vehicle community. Please make sure that the municipality is aware of this, as greatly reduces the required setback.

The map shows the required setbacks to the 2 barns across the road. The red circles show the distance from each barr
Larry Heipel 424 feet
Lloyd Kelly 265 feet

The setback for Larry's barn comes 100 feet off of the road allowance. You will want to check with the municipality on their required setback to the road allowance also.

Please let me know if you have any questions.

Thanks

Brandon Dietrich
Sprucedale Agromart
Office: 519-364-4070
[REDACTED]

Minimum Distance Separation I

Worksheet 1

Prepared By: Brandon Dietrich, Sprucedale Agromart

Description:

Application Date: Wednesday, March 31, 2021

Municipal File Number:

Proposed Application: New or expanding church, school or cemetery used primarily by a community reliant on horse-drawn transportation
Type A Land Use

Applicant Contact Information

Amos Albrecht

Location of Subject Lands

County of Grey, Township of West Grey

BENTINCK, Concession: 7, Lot: 19

Roll Number: 420528000610500

Calculation Name: *Farm 1*

Description:

Farm Contact Information

Larry Heipel

Location of existing livestock facility or anaerobic digester

County of Grey, Township of West Grey

BENTINCK, Concession: 6, Lot: 19

Roll Number: 420528000607700

Total Lot Size: 53 ac

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
Solid	Dairy, Heifers Large Frame (182 - 545 kg) (eg. Holsteins), Deep Bedded	40	20.0	2,800 ft ²

Existing Manure Storage: V1. Solid, inside, bedded pack

Design Capacity (NU): 20.0

Potential Design Capacity (NU): 40.0

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	240	X	0.7	X
				1.1	
				=	
				129 m (424 ft)	TBD

Storage Base Distance 'S'	
(minimum distance from manure storage)	(actual distance from manure storage)
129 m (424 ft)	TBD

Calculation Name: *Farm 2*

Description:

Farm Contact Information

Lloyd Kelly

Location of existing livestock facility or anaerobic digester

County of Grey, Township of West Grey

BENTINCK, Concession: 6, Lot: 18

Roll Number: 420528000607500

Total Lot Size: 120 ac

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.

Minimum Distance Separation I

Worksheet 1

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Manure Type	Type of Livestock/Manure	Existing Maximum Number	Existing Maximum Number (NU)	Estimated Livestock Barn Area
Solid	Horses, Medium-framed, mature; 227 - 680 kg (including unweaned offspring)	5	5.0	1,250 ft ²

Existing Manure Storage: V3. Solid, outside, no cover, >= 30% DM

Design Capacity (NU): 5.0

Potential Design Capacity (NU): 5.0

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	150	X	0.7	X
				1.1	
				=	
				81 m (265 ft)	TBD

Storage Base Distance 'S'	(minimum distance from manure storage)	(actual distance from manure storage)
	81 m (265 ft)	TBD

Preparer Information

Brandon Dietrich
 Sprucedale Agromart
 24 Sideroad 25 North
 Hanover, ON, Canada N4N 3C3
 Phone #1: 519-364-4070
 Phone #2: 226-668-1696
 Email: bdietrich@sprucedale.com

Signature of Preparer: _____ Date: _____
 Brandon Dietrich

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.



School Setback Map

Legend

- ☐ Parcels - Current
- Large Scale Roads**
 - Provincial Highway
 - County Road
 - Township Road
 - Seasonal Road
- ☐ Grey County Boundary



Notes

This map is a user generated static output from an Internet mapping site and is for reference only.
Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

Printed May 12, 2021 THIS MAP IS NOT TO BE USED FOR NAVIGATION

