

Minimum Distance Separation II (MDS II)

Definitions & Manure Storage Types



Existing Livestock Facility

A livestock facility, or a portion of a livestock facility, intended for keeping or housing of livestock and containing one or more barns or structures. Includes manure or material storages, whether associated with a livestock facility or not, and anaerobic digesters, which have already been constructed.

Housing Capacity

Maximum livestock capacity for all facilities on a lot at any time, even if currently empty but able to house livestock.

Manure or Material Storage

Permanent storages, which may or may not be associated with a livestock facility containing liquid manure (<18% dry matter), solid manure (>18% dry matter), or digestate (< 18% dry matter). Permanent storages may come in a variety of:

- Locations (under, within, nearby, or remote from the barn)
- Materials (concrete, earthen, steel, wood)
- Coverings (open top, roof, tarp, or other materials)
- Configurations and shapes
- Elevations (above, below or partially above grade)

Permanent Manure or Material Storage Types:

Solid Manure: 18% dry matter, or more

Liquid Manure: Less than 18% dry matter

Digestate: Less than 18% dry matter

O	No storage required (manure/material stored for less than 14 days)
V1	Solid, inside, bedded pack
V2	Solid, outside, covered
V3	Solid, outside, no cover, greater than or equal 30% dry matter
V4	Solid, outside, no cover, 18% to less than 30% dry matter, with covered liquid runoff storage
L1	Solid, outside, no cover, 18% to less than 30% dry matter, with uncovered liquid runoff storage
V5	Liquid, inside, underneath slatted floor
V6	Liquid, outside, with a permanent tightly fitting cover
V7	Liquid (digestate), outside, no cover
L2	Liquid, outside, with permanent floating cover
M1	Liquid, outside, no cover, straight-walled storage
M2	Liquid, outside, roof, but with open sides
H1	Liquid, outside, no cover, sloped-sided storage

Tillable Hectares/Acres

Land, including pasture that can be worked or cultivated to grow crops.

Type A Land Uses

The Ontario Ministry of Agriculture and Rural Affairs, in their MDS Implementation Guidelines, states that Type A land uses are characterized by uses that have a lower density of human occupancy, habitation or activity, such as residential dwellings on lots zoned agriculture.

Type B Land Uses

The Ontario Ministry of Agriculture and Rural Affairs, in their MDS Implementation Guidelines, states that Type B land uses are characterized by uses that have a higher density of human occupancy, habitation or activity, such as residential subdivisions or major recreational uses.

For more information please review the [Minimum Distance Separation \(MDS\) Document](#).

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Data Collection Form



This form is to be completed when applying to construct a new livestock facility and/or expand an existing livestock facility.

Proposal: ☐ New ☐ Expansion ☐ Manure Storage

Address: _____

Owner of Livestock Facility: _____

Mailing Address: _____

Telephone: _____ Email: _____

Have there been building permits obtained on this lot for livestock barns or manure storages in the past three (3) years? ☐ Yes ☐ No

Total Barn Area _____ m² _____ ft²

Distance from the livestock facility/manure storage to the nearest dwelling (Type A Land Uses): _____ m _____ ft

Distance from the livestock facility/manure storage to the nearest subdivision, settlement area, recreational or institutional use (Type B Land Uses): _____ m _____ ft

Animal or Material Type	Description	Current Housing Capacity (Maximum)	Proposed Housing Capacity	Manure Storage Type
Imported Manure	Maximum capacity of permanent storages at any time: solid or liquid capacity.			
Anaerobic Digester	Maximum capacity of permanent storages at any time: solid or liquid capacity.			

The above information was prepared by: _____

Name _____

Signature _____ Date _____