

Building Permit No.: _____
Name: _____
Farm Municipal Address: _____
Phone No.: _____
Date: _____

DATA SHEET MINIMUM DISTANCE SEPARATION I (MDS I) CALCULATION

In all cases, the applicant will be responsible for collecting and submitting the required Farm Data Sheet(s) to the Desbarats to Echo Bay Planning Board. ***The owner of the livestock facility is responsible for completing and signing the Farm Data Sheet.***

Objective: the objective of Minimum Distance Separation (MDS) Formula is to minimize nuisance complaints due to odour and thereby reduce potential land use conflicts. MDS does not account for other nuisance issues such as noise and dust.

Application: The MDS formula is only intended to deal with odour generated from livestock facilities, such as barns and manure storage.

Definitions: The following definitions are supplied for information purposes only. If further information is required, please consult the Minimum Distance Separation (MDS) Formulae document or contact the Desbarats to Echo Bay Planning Board.

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.

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)

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

PRINT ONE COPY OF THE FOLLOWING FOR EACH LIVESTOCK OPERATION

NOTE TO THE FACILITY OWNER:

Your cooperation in filling out this sheet will help to ensure that new land uses will be located a suitable distance from your operation.

Thank you

Owner of Livestock Facility: _____

Civic Address: _____

Phone Number: _____ Total Lot Area: _____ acres

Signature of Livestock Facility Owner: _____ Date: _____

LIVESTOCK/POULTRY SELECTION

Types of Livestock/Poultry	Total Barn Capacity	Solid or Liquid Manure?	Manure Storage Type
Swine	-	-	-
Breeder grits (entire barn designed specifically for this purpose)			
Feeders (27-136 kg)	-	-	-
-Deep Bedded		Solid	
-Full Slats		Liquid	
-Partial Slats		Liquid	
-Solid Scrape		Solid	
Sows with litter, dry sows/boars			
Weaners (7-27 kg)			
Dairy	-	-	-
Milking-age cows (dry or milking)	-	-	-
Large-framed; 545 kg-658 kg (eg- Holsteins)	-	-	-
-Row Free Stall			
-Bedded Pack		Solid	
-Sand			
-Tie Stall			
Medium-framed; 455 kg-545 kg (eg - Guernseys)	-	-	-
-Row Free Stall			
-Bedded Pack		Solid	
-Sand			
-Tie Stall			

Small-framed; 364 kg-455 kg (eg - Jerseys)	-	-	-
-Row Free Stall			
-Bedded Pack			
-Sand			
-Tie Stall			
Heifers (5 months to freshening)	-	-	-
Large-framed; 182 kg-545 kg (eg- Holsteins)	-	-	-
-Deep Bedded		Solid	
-Free Stall/Manure Pack Outside Access			
-Pack Scrape			
Medium-framed; 148 kg-455 kg (eg - Guernseys)	-	-	-
-Deep Bedded		Solid	
-Free Stall/Manure Pack Outside Access			
-Pack Scrape			
Small-framed; 125 kg-364 kg (eg - Jerseys)	-	-	-
-Deep Bedded		Solid	
-Free Stall/Manure Pack Outside Access			
-Pack Scrape			
Calves (0-5 months)	-	-	-
Large-framed; 45 kg-182 kg (eg- Holsteins)			
Medium-framed; 38 kg-148 kg (eg - Guernseys)			
Small-framed; 30 kg-125 kg (eg - Jerseys)			
Beef	-	-	-
Backgrounders (7-12.5 months)	-	-	-
-Confinement			
-Yard/Barn			
Cows, including calves to weaning	-	-	-
-Confinement		Solid	
-Yard/Barn		Solid	
Feeders (7-16 months)	-	-	-
-Confinement Bedded Pack		Solid	
-Confinement Total Slats		Liquid	
-Yard/Barn			
Shortkeepers (12.5-17.5 months)			
Veal	-	-	-
Milk-fed			
Grain-fed			
Goats	-	-	-
Dairy Kids		Solid	
Does & Bucks (for dairy)		Solid	
Does & Bucks (for meat)		Solid	
Feeder Kids		Solid	
Sheep	-	-	-

Ewes & rams (for meat lambs)	-	-	-
-Confinement		Solid	
-Outside Access		Solid	
Ewes & rams (dairy operation)			
Lambs (dairy or feeder lambs)	-	-	-
-Confinement		Solid	
-Outside Access		Solid	
Horses	-	-	-
Large-framed, manure; >680 kg (including unweaned offspring)		Solid	
Medium-framed, manure; 227 kg – 680 kg (including unweaned offspring)		Solid	
Small-framed, manure; <227kg (including unweaned offspring)		Solid	
Chickens	-	-	-
Layer hens (for eating eggs; after transfer from pullet barn)	-	-	-
-Cages			
-Floor run		Solid	
Layer pullets (day olds until transferred into layer barn)	-	-	-
-Cages			
-Litter			
Broiler breeder growers (males/females transferred out to layer barn)		Solid	
Broiler breeder layers (males/females transferred in from grower barn)	-	-	-
-Cages		Solid	
-Litter With Slats		Solid	
Broilers		Solid	
Turkeys	-	-	-
Breeder toms		Solid	
Broilers (day olds to 6.2 kg)		Solid	
Hens (day olds up to 6.2 kg to 10.8 kg; 7.5 kg is typical)		Solid	
Toms (day olds to over 10.8 kg to 20 kg; 14.5 kg is typical)		Solid	
Turkey breeder layers (females transferred in from grower barn)		Solid	
Turkey brooder barn (day old until transferred to growout barn)		Solid	
Turkeys at any other weights		Solid	

REFERENCE

Types of Manure Storage	
0	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% -30% dry matter, with covered liquid runoff storage
L1	Solid outside, no cover, 18% -30% dry matter, with uncovered liquid runoff storage
V5	Liquid, inside, underneath slatted floor
V6	Liquid, outside, with a permanent, tight fitting cover
L2	Liquid, outside, with a 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

Solid vs. Liquid Manure	
Solid Manure: 18% dry matter, or more	
Liquid Manure: Less than 18% dry matter	