

## **APPENDIX H**

### **Technical Review Application Form for Livestock Operation Proposals**

#### **INSTRUCTIONS:**

Please complete and return application to your municipal office or planning district. Attach the following documents:

- site plan
- recent (less than one year old) manure application field soil sample results (Nitrate- N lb/ac at 0-6 and 6-24 inch depths, Phosphorus – ppm at 0-6 inch depth).

**Note:** Should the applicant not provide relevant information, delays may occur in completing the Technical Review Committee Report.

#### **PURPOSE:**

- To assist the Technical Review Committee in the evaluation of proposed intensive livestock operations.
- To assist with the exchange of information between the applicant, municipal council(s) and the public.

178

#### **BACKGROUND:**

- Technical Review Committees were established to provide support to local governments through a technical review of proposals for intensive livestock operations. This review is based on:
  - Information provided by the applicant, including detailed site plans and current soil fertility information,
  - local land use plans (development plan and zoning by-law),
  - the Farm Practices Guidelines for various livestock commodities in Manitoba,
  - provincial acts and regulations, including the Livestock Manure and Mortalities Management Regulation,
  - soil and landscape properties,
  - other available information as deemed appropriate by the committee.
- The Technical Review Committee is made up of representatives from the provincial departments of Agriculture, Food and Rural Initiatives, Conservation, Water Stewardship, and Intergovernmental Affairs and Trade. Agriculture, Food and Rural Initiatives coordinates this committee.
- The final written report will be provided to the rural municipality or planning district, to the proponent and will be available to the public. Proprietary information provided in this form should be clearly noted.

**PROPOSED LIVESTOCK OPERATION INFORMATION**

**Applicant Information**

Name of Operation: \_\_\_\_\_

Corporation Name (if applicable): \_\_\_\_\_

Applicant's Name: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_ Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_ E-mail: \_\_\_\_\_

**Design Consultant/Advisor**

Company Name: \_\_\_\_\_

Contact Person: \_\_\_\_\_

Mailing Address: \_\_\_\_\_

City/Town: \_\_\_\_\_ Province: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Phone No: \_\_\_\_\_ Fax No: \_\_\_\_\_ E-mail: \_\_\_\_\_

I certify that the information provided in this form for the construction and operation of this proposed livestock production operation is accurate.

Applicant's Signature: \_\_\_\_\_

Date of Application: \_\_\_\_\_

<p><b>For Office Use Only</b></p> <p>Review Requested By: _____</p> <p>Date of Receipt: _____</p> <p>Confirmation of Receipt Sent: _____</p> <p>Date Application Complete: _____</p>
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**Description of Operation**

Operation Location: R.M. of \_\_\_\_\_ Legal Description: \_\_\_\_\_

Type of Housing:  Confinement  Outdoor (show details on site plan)

**Proposed Building Sizes:**

Type of Building #1: \_\_\_\_\_ Size of Building #1: \_\_\_\_\_

Type of Building #2: \_\_\_\_\_ Size of Building #2: \_\_\_\_\_

Type of Building #3: \_\_\_\_\_ Size of Building #3: \_\_\_\_\_

**Existing Building Sizes:**

Type of Building #1: \_\_\_\_\_ Size of Building #1: \_\_\_\_\_

Type of Building #2: \_\_\_\_\_ Size of Building #2: \_\_\_\_\_

Type of Building #3: \_\_\_\_\_ Size of Building #3: \_\_\_\_\_

Are building plans available:  Yes – included  Yes – not included  No  
 Operation:  New  Expansion  Remodel

If any of the operations from the below chart are at a location other than that indicated above, please indicate the R.M. and the legal description below:

**180**

Type of Operation: \_\_\_\_\_ Type of Operation: \_\_\_\_\_

R.M. of : \_\_\_\_\_ R.M. of : \_\_\_\_\_

Legal Description: \_\_\_\_\_ Legal Description: \_\_\_\_\_

Type of Operation: \_\_\_\_\_ Type of Operation: \_\_\_\_\_

R.M. of : \_\_\_\_\_ R.M. of : \_\_\_\_\_

Legal Description: \_\_\_\_\_ Legal Description: \_\_\_\_\_

Type of Operation: \_\_\_\_\_ Type of Operation: \_\_\_\_\_

R.M. of : \_\_\_\_\_ R.M. of : \_\_\_\_\_

Legal Description: \_\_\_\_\_ Legal Description: \_\_\_\_\_

Type of Operation		A	B	C	D	E
		Existing Number	Proposed /Final Number	Animal Units Per Head	Total Animal Units	Annual Confinement Period (Days)
Dairy	Cows - milking cows			2.000		
Beef	Beef cows including associated livestock			1.250		
	Backgrounder			0.500		
	Summer pasture / replacement heifers			0.625		
	Feeder cattle			0.769		
Pigs	Sows - farrow to finish (234-254 lbs)			1.250		
	Sows - farrow to weanling (up to 11 lbs)			0.250		
	Sows - farrow to nursery (51 lbs)			0.313		
	Boars (artificial insemination units)			0.200		
	Weanlings, Nursery (11-51 lbs)			0.033		
	Growers / Finishers (51-249 lbs)			0.143		
Chickens	Broilers			0.0050		
	Roasters			0.0100		
	Layers			0.0083		
	Pullets			0.0033		
	Broiler breeder pullets			0.0033		
	Broiler breeder hens			0.0100		
Turkeys	Broilers			0.010		
	Heavy Toms			0.020		
	Heavy Hens			0.010		
Horses	Mares			1.333		
Sheep	Ewes			0.200		
	Feeder lambs			0.063		
Other Livestock	Type:					
	Type:					

For all other livestock or operation type please inquire with your Manitoba Agriculture, Food and Rural Initiatives GO office to determine the animal units per head.





**Manure Storage Calculations**

Species	Type of Operation	A			B	C	Total Storage Volume (A x B x C)
		Storage Volume (ft <sup>3</sup> /day/animal)					
		Semi-solid	Solid	Liquid	Confinement Period (Days)	Number of Animals	
Dairy	Milking cows, including heifers						
	Free stall						
	Tie stall						
	Loose housing						
	Milk house wash water						
Beef	Beef cows including associated livestock						
	Backgrounder						
	Summer pasture / replacement heifers						
	Feeder cattle						
Pigs	Sows - farrow to finish (234 - 254 lbs)		1.74	2.30			
	Sows - farrow to wean (up to 11 lbs)		0.54	1.00			
	Sows - farrow to nursery (51 lbs)			0.80			
	Weanlings, Nursery (11 - 51 lbs)		0.06	0.10			
	Grower / Finisher (51 - 249 lbs)		0.17	0.25			
Chickens		A			B	Total Storage Volume (A x B)	
		Storage Volume (ft <sup>3</sup> /year/bird space)			Number of Birds		
	Broilers – floor						
	Broiler breeders						
	Broiler breeder pullets						
	Roasters						
	Layers – cage						
	Layers – floor						
	Layers – solid pack						
	Pullets – cage						
	Pullets – floor						
Pullets – solid pack							
Turkeys	Broilers						
	Heavy toms						
	Heavy hens						

## Site Description

Number of residences within a **one mile** radius: \_\_\_\_\_

Please attach municipal map of area.

Residence Number	Name	Legal Description & Civic Address	Type & Size of Livestock Operation associated with residence	Approximate Distance from Proposed Operation
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

Attach list of additional residences if required.



Number of residences from one to **two miles** from the proposed operation: \_\_\_\_\_

Please attach municipal map of area.

Residence Number	Name	Legal Description & Civic Address	Type & Size of Livestock Operation associated with residence	Approximate Distance from Proposed Operation
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				

Attach list of additional residences if required.

Other nearby non-agricultural uses (e.g. vacation farm, golf course, cottage, rural residential developments, etc.)

Name: \_\_\_\_\_

Legal Description: \_\_\_\_\_

Description of Adjacent Use: \_\_\_\_\_

Approximate Distance from Proposed Operation: \_\_\_\_\_

Distance to nearest designated residential area (specify): \_\_\_\_\_

Distance to nearest designated recreation area (specify): \_\_\_\_\_

Distance to nearest designated commercial area (specify): \_\_\_\_\_

Distance to known drains (specify): \_\_\_\_\_

Distance to known streams (specify): \_\_\_\_\_

Distance to known creeks (specify): \_\_\_\_\_

Distance to known rivers (specify): \_\_\_\_\_

Will livestock have direct access to watercourse?  Yes  No

Water Source for Operation:  Pipeline (public)  River  
 Sandpoint  Lake  
 Dugout (Dugout dimensions \_\_\_\_\_ x \_\_\_\_\_ x \_\_\_\_\_ )  
 Drilled Well  Shallow Dug Well

In the space provided below, please list existing well(s) or spring(s) and their location(s). Please also indicate them on the site map or location map.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Expected Water Usage:

Max. daily use: \_\_\_\_\_  imp. gal;  US gal; or  litres

Max. annual use: \_\_\_\_\_  imp. gal;  US gal; or  litres

Is a Water Rights Licence required?

**Note: A Water Rights Licence is required if use exceeds 5,500 imp. gal/day or 25,000 L/day.**

Yes, application submitted on: \_\_\_\_\_  No  
D/M/Year

Please indicate the location of known bedrock outcrops, sinkholes, gravel pits, quarries on the attached maps.

Results from soil test boring or pits are:  available  not available

**Note: If available attach soil logs to application**

Describe primary site access route to nearest provincial road or PTH.

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188

Other information regarding the proposed site (e.g. flooding problems, other known geological or groundwater information).

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**Dead Animal Disposal**

Type of Disposal:  Rendering  Temporary Refrigerated Storage  
 Burial  Composting  
 Incineration

**Location Map**

Provide a map drawn to scale or include a municipal map showing the proposed livestock operation and existing land uses and other features (e.g. drains, wells, residences, recreation areas, etc.) within a two mile radius of the proposed livestock operation.

**Yard Site Plan**

Certificate of Title No. \_\_\_\_\_

**Please indicate the following:**

1. Approximate distances between existing and proposed structures and facilities and property lines
2. Dwellings, shelterbelts, manure storage, water source locations, drainage patterns, and water courses
3. Property dimensions
4. Municipal or provincial roads and provincial trunk highways
5. Scale size

(Suggested scale: one square = 50 feet)

**Please see Yard Site Plan Example for assistance.**

**Yard Site Plan Example**

