

**LIVESTOCK MANURE AND MORTALITIES  
MANAGEMENT REGULATION**

**Application for Permit to Modify  
a Manure Storage Facility**



**Operating Name of Operation:** \_\_\_\_\_

**Legal Name of Operation (if different):** \_\_\_\_\_

**Corporate Affiliation:** \_\_\_\_\_ Not Applicable

**Mailing Address:** \_\_\_\_\_  
\_\_\_\_\_  
Postal Code

**Location of Operation:** \_\_\_\_\_  
Qtr Sec Twp Rge E/WPM or River Lot/Parish

**Manure Storage Facility:** Same Location As Operation Other Location \_\_\_\_\_  
Qtr Sec Twp Rge E/WPM or River Lot/Parish

**Rural Municipality:** \_\_\_\_\_ **Civic Address:** \_\_\_\_\_

**Name of Contact:** \_\_\_\_\_

**Contact Numbers:** \_\_\_\_\_  
Business Residence Cellular Facsimile

**Contact Email Address:** \_\_\_\_\_

**Comments:**

**For Department Use Only**

**Preferred Correspondence:** Email Fax Mail

**Send Completed Form to:**  
Sustainable Development  
Environmental Approvals Branch  
1007 Century Street, Winnipeg, MB R3H 0W4  
Fax 204-945-5229  
EnvironmentalEng@gov.mb.ca  
[http://www.gov.mb.ca/sd/waste\\_management/livestock\\_program](http://www.gov.mb.ca/sd/waste_management/livestock_program)



**FACILITY DETAILS**

**Earthen Storage Facility Details**

Not Applicable

**Existing storage type**

Cut & fill                  Clay liner                  Plastic liner                  Specify plastic liner type \_\_\_\_\_

<b>Size of existing storage facility</b>	<b>Cell #1</b>	<b>Cell #2</b>	<b>Cell #3</b>
<b>Floor measurement</b>			
Length (m)	_____	_____	_____
Width (m)	_____	_____	_____
Inside Slope Ratio	_____	_____	_____
<b>Top measurement</b>			
Length (m)	_____	_____	_____
Width (m)	_____	_____	_____
Outside Slope Ratio	_____	_____	_____
<b>Total Depth (incl. freeboard)(m)</b>	_____	_____	_____
<b>Freeboard (m)</b>	_____	_____	_____
<b>Storage capacity (days)</b>	_____	_____	_____
<b>Storage loading</b>			
Top			
Bottom			

**Number of existing monitoring wells** \_\_\_\_\_

**Description of existing storage facility (when constructed, Eng. designed, etc.)**

Attach original drawings or “as-is” drawings if original not available

**Proposed storage type:**

Cut & fill                  Clay liner                  Plastic liner                  Specify plastic liner type \_\_\_\_\_

<b>Size of proposed storage facility</b>	<b>Cell #1</b>	<b>Cell #2</b>	<b>Cell #3</b>
<b>Floor measurement</b>			
Length (m)	_____	_____	_____
Width (m)	_____	_____	_____
Inside Slope Ratio	_____	_____	_____
<b>Top measurement</b>			
Length (m)	_____	_____	_____
Width (m)	_____	_____	_____
Outside Slope Ratio	_____	_____	_____
<b>Total Depth (incl. freeboard)(m)</b>	_____	_____	_____
<b>Freeboard (m)</b>	_____	_____	_____
<b>Storage capacity (days)</b>	_____	_____	_____
<b>Storage loading</b>			
Top			
Bottom			

**Non-Earthen Storage Facility Details**

Not Applicable

Prefabricated concrete

Custom concrete

Steel

**Dimension of facility (m)** \_\_\_\_\_

**Type of base** \_\_\_\_\_ **Capacity** \_\_\_\_\_ (days)

**Manufacturer** \_\_\_\_\_

**Installer** (if different from contractor) \_\_\_\_\_

**Storage Loading** Top

Bottom

**Loading/Agitation Pads**

**Pump-out Port**

**CONSULTANT, CONTRACTOR AND APPLICATION VERIFICATION**

**Engineering Consultant**

Mailing Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Postal Code \_\_\_\_\_

Email

Contact Numbers

\_\_\_\_\_  
\_\_\_\_\_  
Business Residence Cellular Facsimile

**Contractor**

Mailing Address

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Postal Code \_\_\_\_\_

Email

Contact Numbers

\_\_\_\_\_  
Business Residence Cellular Facsimile

To be determined

*By signing below I acknowledge that I have completed/reviewed this permit application form including the associated checklist and I certify that I am familiar with the foregoing information and that it is true, complete and accurate.*

Signature \_\_\_\_\_

Date \_\_\_\_\_  
(yyyy/mm/dd)

Print name \_\_\_\_\_

Proprietary (confidential) information will be protected in accordance with Manitoba law. Personal information is collected under the authority of The Environment Act, the Livestock Manure and Mortalities Management Regulation, and will be used to issue permits, and for administration and enforcement purposes. Information collected is protected by the privacy provisions of The Freedom of Information and Protection Privacy Act. Manure storage facility permit applications may be posted on the government internet and listed by legal location and municipality. Proprietary information, if applicable, should be clearly noted. Separate applications excluding proprietary information should be submitted for posting on the government internet site. If you have any questions, contact the Access & Privacy Coordinator, Box 85, 200 Saulteaux Crescent, Winnipeg MB R3J 3W3; 1-204-945-4170.

## CHECKLIST

### THE FOLLOWING INFORMATION/ATTACHMENTS ARE REQUIRED

This checklist is completed for (Legal Name of Operation) \_\_\_\_\_

Please Check Mark (✓) Provided (P) Not Applicable (NA) P NA

⇒ Site plan to scale showing

1. location of barn(s) .....
2. location of manure storage facility.....
3. location of watercourse(s).....
4. location of sinkhole(s).....
5. location of spring(s).....
6. location of well(s).....
7. location of boreholes .....
8. property boundaries of the operation .....
9. closest residence not associated with operation .....
10. closest community and major roads (PTH, PR, Municipal Road and Railway etc) .....

⇒ Design plan to scale including (see Information Bulletin – Design Objectives for Manure Storage Facilities)

1. manure storage facility design.....
2. leak detection system.....
3. piping.....
  - 3.1. location of pipeline(s), manure source(s) and discharge point(s).....
  - 3.2. location(s) and details of cleanouts.....
  - 3.3. trench cross-section details.....
  - 3.4. water stops on piping.....
  - 3.5. check valve.....
  - 3.6. gate valve.....
  - 3.7. lift station/wet well.....
4. dike/berm protection details -access ramp/agitation pad.....
  - inlet discharge .....
  - inter-cell channel or pipe .....

⇒ Soil geotechnical report

1. borehole logs (5m minimum depth from floor of proposed storage).....
2. load-bearing information (for concrete or steel storages).....
3. borrow pit location.....
4. elevation of groundwater (including date of observation).....

⇒ Construction supervision plan .....

⇒ Completeness of application

1. Completed and signed application form .....