

**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

PERMIT REQUIRED FOR (check mark all that are applicable)

Existing operation - No additional livestock

Upgrade to a facility erected without a permit (Application/Registration # _____)

Manure Conveyance / Lift Station

TYPE OF FACILITY (check type)

Earthen

Molehill

Concrete

Steel

Pipeline

Lift Station/ Wet Well

Treatment Facility

Other _____

LIVESTOCK INFORMATION

Operation description (e.g. milk cows and replacement livestock, sows-farrow/finish, beef cows, broilers, etc)

Type and number of livestock and animal units approved by RM _____

Type and number of livestock and animal units handled by the operation currently _____

Type and number of livestock and animal units the storage is to be modified for _____

MANURE STORAGE FACILITY SITING INFORMATION (Details to be included on drawings)

Distance from nearest surface watercourse (m) _____

Distance from nearest sinkhole, spring or well (m) _____

Distance from the property boundaries of the agricultural operation (m) _____

Depth to groundwater (m) _____

Distance to nearest residence not associated with operation (m) _____

Located within 8 km of US / Canada Border (Y/N), if Yes, distance from border (m) _____

Located within 100 year flood plain elevation? i.e. Red River Valley Designated Flood Area (Y/N) _____

Designated Flood Area Permit # _____

Abandoned wells on site (Y/N) _____ Specify location _____

PROPOSED CONSTRUCTION PERIOD

Dates: _____ to _____
Month/Year Month/Year

FACILITY DETAILS

Earthen Storage Facility Details

Not Applicable

Existing storage type

Cut & fill Clay liner Plastic liner Specify plastic liner type_____

Size of existing storage facility

Cell #1

Cell #2

Cell #3

Floor measurement

Length (m)

Width (m)

Inside Slope Ratio

Top measurement

Length (m)

Width (m)

Outside Slope Ratio

Total Depth (incl. freeboard)(m)

Freeboard (m)

Storage capacity (days)

Storage loading

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_____

Size of proposed storage facility

Cell #1

Cell #2

Cell #3

Floor measurement

Length (m)

Width (m)

Inside Slope Ratio

Top measurement

Length (m)

Width (m)

Outside Slope Ratio

Total Depth (incl. freeboard)(m)

Freeboard (m)

Storage capacity (days)

Storage loading

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