

**LIVESTOCK MANURE AND MORTALITIES
MANAGEMENT REGULATION**

Manure Management Plan

Manitoba
Conservation



All livestock operations in Manitoba with 300 animal units (A.U.) or more are required under Section 13(1) of the *Livestock Manure and Mortalities Management Regulation* under *The Environment Act*, to submit an annual manure management plan to Manitoba Conservation. The plan must be submitted by July 10 for fertilization programs beginning in the fall, and by February 10 for fertilization programs beginning in the spring.

Section A – Operation Information

Name of Operation _____

Mailing Address _____
_____ Postal Code _____

Location of Operation _____
Qtr. Sec. Twp. Rge. E/WPM or River Lot/Parish _____

Latitude: _____ Longitude: _____
Rural Municipality _____ G.P.S. in Decimal Degrees (if available)

Name of Contact _____

Contact Numbers _____

Business Residence Cellular Facsimile

Owner (legal name) _____

Corp File # if app. _____

Mailing Address _____
_____ Postal Code _____

Contact Numbers _____

Business Residence Cellular Facsimile

Affiliate (legal name) _____

NB: Confirmation of manure spread including actual application rates, analysis of manure, field maps, coordinates (if available), field access location, contact numbers of field owners/operations must be submitted after manure is spread. Additional MMP's may not be registered unless this information is received by Manitoba Conservation.

Manure management plan required to comply with a Director's Order or an Environment Officer Order.

Yes If yes, Order number: _____

FOR DEPARTMENT USE ONLY

Received by: _____ Office: _____

Date received: _____

Follow-up required Yes No

Nature of follow-up _____

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 receipts, for surveys, administration and enforcement purposes. Information collected is protected by the privacy provisions of *The Freedom of Information and Protection of Privacy Act*. If you have any questions, contact the Access & Privacy Coordinator, 1383 Whyte Avenue, Winnipeg MB R3E 1V7; 1-204-945-4170.

**Please complete this form and forward to the Environmental Livestock Program, Manitoba Conservation,
Box 46, 200 Saulteaux Crescent, Winnipeg MB R3J 3W3. Phone: 204-945-3078/Fax: 204-948-2420**

Section B - Animal Unit Inventory

Animal Type and Subtype ¹	A.U. Produced by One Livestock		Number of Livestock of Each Subtype	A.U. for Each Livestock Subtype
<i>Eg. Beef – Feedlot Cattle</i>	.769	X	500	385
		X		
		X		
		X		
		X		
		X		

¹Refer to Animal Unit Worksheet –Schedule A. Retain Schedule A for your records. If additional room is required, the operator may choose to submit a copy of Schedule A. **USE ONLY CATEGORIES LISTED IN THE WORKSHEET.**

Section C – Manure Storage Systems Information¹

<u>Type of livestock manure stored</u>	<input type="checkbox"/> Liquid manure (pumped as liquid; 0-5% dry matter) <input type="checkbox"/> Semi-solid (paste like; 5-25% dry matter) <input type="checkbox"/> Solid (handled with front loader; over 25% dry matter)		
Location of central manure storage facilities			
Legal description of the location(s):	G.P.S. Coordinates (Decimal Degrees) (if available)	Anticipated Storage Time (months)	Construction Permit Number(s) ² or Registration Number(s) ³ for storage
Location of solid manure field storage (complete only if you have field storage)			
Field Storage Site #1 :		Anticipated Storage duration (months) _____	
Legal Location: _____			
Field Storage Site #2 :		Anticipated Storage duration (months) _____	
Legal Location: _____			
Field Storage Site #3 :		Anticipated Storage duration (months) _____	
Legal Location: _____			

¹ Use additional pages if necessary

² A construction permit has been required by Manitoba Conservation for construction of earthen manure storage structures since 1994 and for all other types of constructed manure storage structures since 1998. You may inquire about your permit number at your Manitoba Conservation regional office (see last page).

³ Registration numbers will be issued by Manitoba Conservation for earthen manure storage structures built before 1994 and all other constructed storage structures built prior to 1998.

Section D – Manure Information for Land Application

(One type per page; reproduce pages 4 and 5 as necessary)

Type of Livestock _____	Total A.U. of this Type _____
Volume of Manure to be Land Applied _____	
<input type="checkbox"/> Imp. Gallons (liquid manure) <input type="checkbox"/> Tons (solid manure) <input type="checkbox"/> Cubic feet	
Manure Analysis	
Total nitrogen content in the manure _____ <input type="checkbox"/> lb/1000 gal <input type="checkbox"/> lb/ton	
NH ₄ _____ <input type="checkbox"/> lb/1000 gal <input type="checkbox"/> lb/ton	
Total P _____ <input type="checkbox"/> lb/1000 gal <input type="checkbox"/> lb/ton	
% Dry Matter _____	
The nitrogen value stated above is:	
<input type="checkbox"/> Actual (Please attach manure analysis report with this form).	
<input type="checkbox"/> Estimated	
If estimated, please indicate your source of information:	
<input type="checkbox"/> <i>Farm Practices Guidelines for Beef/Dairy/Hog/Poultry Producers in Manitoba</i>	
<input type="checkbox"/> Average values published by analytical laboratory (specify laboratory): _____	
<input type="checkbox"/> Other source (specify): _____	
Earliest Anticipated Manure application starting date ¹ : _____ (Month / Day / Year)	

¹This is the earliest date the first spread of manure will occur on this plan.

Note: If manure is to be treated, please complete and attach Schedule B – Manure Treatment
 If manure is to be transferred to another party, please complete and attach Schedule C – Transfer of Manure or Effluent to a Second Party.

“**transfer**” excludes situations in which a contractor is hired, or the operator volunteers to land apply the manure from this operation. In this case, Section E - Field Application Summary must be completed.

Section E - Field Application Summary

Crop year for which manure will be applied: _____ Manure Form: SOLID or LIQUID
 Livestock type: _____ If no Manure is to be applied, check here:

Legal Description				
Field ID				
G.P.S. COORDINATES (4 corners of the field) Coordinates in Decimal Degrees (If available)				
Legal Owner's name and phone				
Field Size ¹ (acres)				
Soil Class and Subclass ²				
Proposed Crop				
0 – 24 inch depth soil nitrate (NO ₃ ⁻ -N) in lbs/acre ³				
Target Yield (bus/acre, lbs/acre, tons/acre)				
Crop Nitrogen Recommendation ⁴ (lbs/acre)				
Manure Application Rate Choose: gal/acre or tons/acre				
Application Season (Spring/Fall/Summer)				
Application Start Date (day / month / year)				
Application Method ⁵				
Additional Nitrogen Fertilizer ⁷ (lbs N/acre)				
Applicator ⁶ – Name, Phone, Licence				

Fields to be manured must be soil sampled and the analytical reports submitted to Manitoba Conservation. Sound soil sampling procedures, as outlined on Page 4 of the Detailed Instructions, are required to obtain an accurate soil nutrient assessment.

¹ Indicate only the available acres for manure spreading (exclusive of setbacks from surface water courses, etc.).

² Must list correct Agricultural Capability Class including subclass (limiting factor(s)) as determined by **PUBLISHED MANITOBA SOIL SURVEY REPORT, or electronic data distributed by Manitoba Land Initiative website. Use the worst class manure will be spread on.**

³ As shown on the soil analysis report appended to this form. If soil analysis reports are not available at the time of submitting the form, they **must** be forwarded to Manitoba Conservation 14 days **before** application of manure to allow for processing.

⁴ Indicate the recommended nitrogen (N) application rate suggested by the soil fertility guide, or the soil analysis report, whichever is lower.

⁵ Choose 1 of the following and put the corresponding letter on the form: **A.** Broadcast and incorporate after 2 days, **B.** Broadcast + Incorporate after 3 days. **C.** Broadcast and incorporate within 2 days. **D.** Broadcast and no incorporation. **E.** Broadcast and no incorporation on forages. **F.** Injection. **G.** Irrigation and incorporation within 3 days. **H.** Irrigation and no incorporation. NB: Aerway or similar is considered broadcast + Incorporate for purpose of plan.

⁶ Applicator information required if applicator is not the operator.

⁷ Additional Fertilizer + Manure Application must not result in soil NO₃⁻ above the regulated limit in that crop year.

Note: Plan must be certified by operator on Page 5. If the plan is prepared for the operator, it must be certified by a Professional Agriologist on Page 5. Incorrect/incomplete information voids this Manure Management Plan.

Section F -Certification of Manure Management Plan

Note: The Plan must be certified or it is VOID. Mark appropriate box with "X".

I certify that the information contained in this plan is true and that no relevant information has been withheld.

Date _____ Signature of Operator _____

Plan Prepared by:
 Operator
 Other

If other than operator:

I certify that the information contained in this plan is true and that no relevant information has been withheld.

Date _____ Signature of Professional Agrologist
 who prepared plan _____

Address and phone number of Professional Agrologist: _____

Stamp: _____

**FOR ADDITIONAL INFORMATION,
PLEASE CONTACT ONE OF THE FOLLOWING REGIONAL OFFICES**

Red River Region 123 Main Street, Suite 160 Winnipeg MB R3C 1A5 Telephone: (204) 945-7100 Facsimile: (204) 948-2338	Western Region 1129 Queens Ave. Brandon MB R7A 1L9 Telephone: (204) 726-6061 Facsimile: (204) 726-6567
Red River Region Unit 5, 284 Reimer Avenue Box 2019 Steinbach MB R5G 1N6 Telephone: (204) 346-6060 Facsimile: (204) 326-2472	Eastern Region Air Services, Provincial Highway #502 Lac du Bonnet MB R0E 1A0 Telephone: (204) 345-1447 Facsimile: (204) 345-1440
Interlake Region 75 – 7 th Ave. Gimli MB R0C 1B9 Telephone: (204) 642-6095 Facsimile: (204) 642-6108	Interlake Region Lower Level, 446 Main St. Selkirk MB R1A 1V7 Telephone: (204) 785-5208 Facsimile: (204) 785-5024
To report environmental emergencies call 944-4888 (24 hours)	