

**LIVESTOCK MANURE AND MORTALITIES
MANAGEMENT REGULATION**

Manure Management Plan



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, or 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 (optional)

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) _____

Note: Confirmation of manure spread including legal land description, actual application rates, analysis of manure, field maps, manure applicator licence # (if applicable), must be submitted after manure is spread. Additional plans may not be registered unless this information is received by Manitoba Conservation.

If this manure management plan is a requirement of a Director's Order or an Environment Officer Order, please indicate Order number: _____

FOR DEPARTMENT USE ONLY	
Received by: _____	Date Received: _____
Office: _____	
Follow-up required	Yes <input type="checkbox"/> No <input type="checkbox"/>
Nature of follow-up _____	
<small>Proprietary (confidential) information will be protected in accordance with Manitoba law. Personal information is collected under the authority of <i>The Environment Act</i>, the <i>Livestock Manure and Mortalities Management Regulation</i>, and will be used to issue receipts, for surveys, administration and enforcement purposes. Information collected is protected by the privacy provisions of <i>The Freedom of Information and Protection of Privacy Act</i>. If you have any questions, contact the Access & Privacy Coordinator, Box 85, 200 Saulteaux Crescent, Winnipeg MB R3J 3W3; 1-204-945-4170.</small>	

**Please complete this form and forward to the Environmental Livestock Section, Manitoba Conservation,
1007 Century Street, Winnipeg MB. R3H 0W4 Phone: 204-945-3078/Fax: 204-948-2420**

Section B - Animal Unit Inventory

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

¹ Refer 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.**

NOTE: If your Animal Inventories have INCREASED since last year, please indicate below:

Livestock Species and Type Which Have Increased	A.U. Produced by One Livestock		Number of New Livestock	A.U. Increase of New Livestock Type
		X		
		X		

Section C – Manure Storage Systems Information¹

<u>Form 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 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 livestock type per page; reproduce Sections D & E as necessary)

Livestock Species & Type _____	Total A.U. of this Type _____
Total 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 (solid manure)	
Manure Analysis #1 (required)	
Total nitrogen content in the manure _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
NH₄ _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
Total P _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
% Dry Matter _____	
The nutrient value stated above is:	
<input type="checkbox"/> Actual *Please attach manure analysis report with this form	
<input type="checkbox"/> Estimated *Please indicate your source of information: _____	
Manure Analysis #2 (optional)	
Total nitrogen content in the manure _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
NH₄ _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
Total P _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
% Dry Matter _____	
The nutrient value stated above is:	
<input type="checkbox"/> Actual *Please attach manure analysis report with this form	
<input type="checkbox"/> Estimated *Please indicate your source of information: _____	
Manure Analysis #3 (optional)	
Total nitrogen content in the manure _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
NH₄ _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
Total P _____ <input type="checkbox"/> lb/1000 imp.gal <input type="checkbox"/> lb/ton	
% Dry Matter _____	
The nutrient value stated above is:	
<input type="checkbox"/> Actual *Please attach manure analysis report with this form	
<input type="checkbox"/> Estimated *Please indicate your source of information: _____	
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 (plan year begins August 15th).

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 these cases, Section E - Field Application Summary must be completed.

Section E - Field Application Summary

ALL information below must be completed for each field listed BEFORE any manure spreading occurs.

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

Legal Land Description				
Field ID (optional)				
Legal Owner's Name and Phone				
Land: Own, Lease, or Agreement (O, L, A)				
Field Size ¹ (acres)				
Soil Class and Subclass ²				
Proposed Crop				
Is the Proposed Crop Grazed? (indicate by entering 'Yes')				
0 – 6 inch (15 cm) depth soil phosphorus (P) in ppm ³				
0 – 24 inch (60 cm) depth soil nitrate (NO ₃ -N) in lbs/acre ³				
Target Yield (bus/acre, lbs/acre, tons/acre)				
Crop Nitrogen Recommendation ⁴ (lbs N/acre)				
Crop Removal of Phosphate ⁵ (lbs P ₂ O ₅ /acre)				
Manure Application Rate (gal/acre or tons/acre) * if using multi-year P ₂ O ₅ rate circle # equal to multiple of years ⁶	2 3 4 5	2 3 4 5	2 3 4 5	2 3 4 5
Manure Analysis #1, #2, or #3 (from Section D)				
Application Start Date (month / day / year)				
Application Method ⁷				
Non manure Nitrogen Fertilizer (lbs N/acre)				
Non manure Phosphate Fertilizer (lbs P ₂ O ₅ /acre)				
Manure Applicator – Name, Phone, Licence # ⁸				

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

² Must list correct Agricultural Capability Class and Subclass 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 soil analysis report, whichever is lower.

⁵ Indicate the crop removal rate of phosphate (P₂O₅) as determined by the most appropriate source of information.

⁶ When soil test phosphorus levels are 60 ppm to 179 ppm manure may be applied at a rate of up to 5 times the annual crop removal rate of P₂O₅.

⁷ 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.

⁸ As of January 1, 2008 Commercial and Off-farm Manure Applicators must be trained and Licenced with Manitoba Agriculture, Food and Rural Initiatives.

Section F - Certification of Manure Management Plan

Note: The plan must be Certified. Mark the appropriate box with an "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 person preparing plan on behalf of operator _____

Address and phone number of person preparing plan: _____

MIA # ¹/CCA # _____

¹ - if exempt from registration to MIA as per Section 13(7) of MR 42/98 enter 0000.

**FOR ADDITIONAL INFORMATION,
PLEASE CONTACT ONE OF THE FOLLOWING ENVIRONMENTAL OPERATIONS OFFICES:**

Brandon 1129 Queens Ave. Brandon MB. R7A 1L9 Telephone: (204) 726-6064 Facsimile: (204) 726-6301	Gimli 75 – 7 th Ave. Gimli MB. R0C 1B9 Telephone: (204) 642-6095 Facsimile: (204) 642-6108
Dauphin 27 – 2 nd Av SW. Dauphin MB. R7N 3E5 Telephone: (204) 622-2030 Facsimile: (204) 638-8626	Portage la Prairie 3rd Floor 25 Tupper Street N Portage la Prairie MB. R1N 3K1 Telephone: (204) 239-3204 Facsimile: (204) 239-3215
Lac du Bonnet Air Services, Provincial Highway #502 Lac du Bonnet MB. R0E 1A0 Telephone: (204) 345-1444 Facsimile: (204) 345-1440	Winnipeg 123 Main Street, Suite 160 Winnipeg MB. R3C 1A5 Telephone: (204) 945-7100 Facsimile: (204) 948-2338
Steinbach Box 2019 Unit 5, 284 Reimer Avenue Steinbach MB. R5G 1N6 Telephone: (204) 346-6060 Facsimile: (204) 326-2472	The Pas Box 2550 3 rd St. & Ross Avenue The Pas MB. R9A 1M4 Telephone: (204) 627-8248 Facsimile: (204) 623-1773
To report environmental emergencies call 944-4888 (24 hours).	