

**Manure Management Plan**

**Section A – Operation Information**

**Name of Operation** \_\_\_\_\_  
**Legal Name of Operation (if different)** \_\_\_\_\_  
**Affiliate (legal name)** \_\_\_\_\_ Not Applicable

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

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

**Civic Address** \_\_\_\_\_

**Date Operation Established** \_\_\_\_\_

**Date Last Expanded (if applicable)** \_\_\_\_\_

**Name of Contact Person** \_\_\_\_\_

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

**Email** \_\_\_\_\_

**Owner (legal name)** \_\_\_\_\_

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

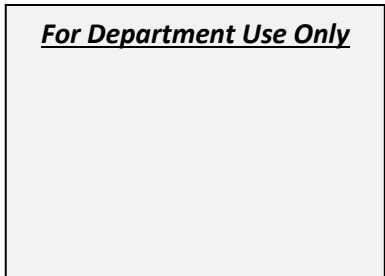
**Contact Numbers**  
\_\_\_\_\_ Business Residence Cellular Facsimile

**Email** \_\_\_\_\_

**Preferred Correspondence**                      **Email**                      **Fax**                      **Mail**

**Submit completed plan to:**

By mail: Environmental Approvals Branch,  
Manitoba Sustainable Development,  
160-123 Main Street (Box 80), Winnipeg MB R3C 1A5  
By fax: 204-948-2420  
By email: [mmregistration@gov.mb.ca](mailto:mmregistration@gov.mb.ca)



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*.

## Section B - Animal Unit Inventory

| Livestock Species and Type <sup>1</sup> | 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 |                                  |                              |

<sup>1</sup> Refer to [Animal Unit Worksheet – Schedule A](#) and retain 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.** For a copy of Schedule A, refer to the livestock program website at: [www.gov.mb.ca/conservation/envprograms/livestock](http://www.gov.mb.ca/conservation/envprograms/livestock)

## Section C – Manure Storage Systems Information<sup>1</sup>

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

<sup>1</sup> Use additional pages as necessary

<sup>2</sup> A construction permit has been required by Manitoba Sustainable Development 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 Sustainable Development regional office (see last page).

<sup>3</sup> Registration numbers will be issued by Manitoba Sustainable Development 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

|                                                                                                                                                                                                          |       |                                             |         |                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------|---------|----------------------------------|
| <b>Total Volume of Manure to be Land Applied</b>                                                                                                                                                         |       |                                             |         |                                  |
| Liquid manure:                                                                                                                                                                                           | _____ | Imp. gals.                                  |         |                                  |
| Semi-solid manure:                                                                                                                                                                                       | _____ | Imp. gals.                                  | Tons    | Cubic feet                       |
| Solid manure:                                                                                                                                                                                            | _____ | Tons                                        |         | Cubic feet                       |
| If no manure is to be applied, check here: _____                                                                                                                                                         |       |                                             |         |                                  |
| <b>Manure Analysis #1 – Livestock Species &amp; Type:</b> _____                                                                                                                                          |       |                                             |         |                                  |
| <b>Total Nitrogen</b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>NH<sub>4</sub></b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>Total P</b>                                                                                                                                                                                           | _____ | <b>P<sub>2</sub>O<sub>5</sub></b> (P x 2.3) | _____   | lbs/1000 Imp. gals.      lbs/ton |
| <b>% Dry Matter</b>                                                                                                                                                                                      | _____ |                                             |         |                                  |
| The nutrient values stated above are:<br>Actual. (Attach laboratory analysis report)<br>Estimated. (Indicate source of information) _____                                                                |       |                                             |         |                                  |
| <b>Manure Analysis #2 – Livestock Species &amp; Type:</b> _____                                                                                                                                          |       |                                             |         |                                  |
| <b>Total Nitrogen</b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>NH<sub>4</sub></b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>Total P</b>                                                                                                                                                                                           | _____ | <b>P<sub>2</sub>O<sub>5</sub></b> (P x 2.3) | _____   | lbs/1000 Imp. gals.      lbs/ton |
| <b>% Dry Matter</b>                                                                                                                                                                                      | _____ |                                             |         |                                  |
| The nutrient values stated above are:<br>Actual. (Attach laboratory analysis report)<br>Estimated. (Indicate source of information) _____                                                                |       |                                             |         |                                  |
| <b>Manure Analysis #3 – Livestock Species &amp; Type:</b> _____                                                                                                                                          |       |                                             |         |                                  |
| <b>Total Nitrogen</b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>NH<sub>4</sub></b>                                                                                                                                                                                    | _____ | lbs/1000 Imp. gals.                         | lbs/ton |                                  |
| <b>Total P</b>                                                                                                                                                                                           | _____ | <b>P<sub>2</sub>O<sub>5</sub></b> (P x 2.3) | _____   | lbs/1000 Imp. gals.      lbs/ton |
| <b>% Dry Matter</b>                                                                                                                                                                                      | _____ |                                             |         |                                  |
| The nutrient values stated above are:<br>Actual. (Attach laboratory analysis report)<br>Estimated. (Indicate source of information) _____                                                                |       |                                             |         |                                  |
| Earliest anticipated manure application starting date <sup>1</sup> : _____<br><div style="text-align: center;">(Month / Day / Year)</div>                                                                |       |                                             |         |                                  |
| <small><sup>1</sup>This is the earliest date the first spread of manure will occur on this plan (plan year begins August 15<sup>th</sup> and ends August 14<sup>th</sup> of the following year).</small> |       |                                             |         |                                  |

**NOTE:** At least one manure nutrient analysis or estimate is required for each manure form per livestock species. 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](#). For copies of Schedules B and C refer to the livestock program website at: [www.gov.mb.ca/conservation/envprograms/livestock](http://www.gov.mb.ca/conservation/envprograms/livestock)

## Section E - Field Application Summary

(Use additional pages as necessary)

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

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

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

<sup>2</sup> 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.

<sup>3</sup> 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 Sustainable Development 14 days **before application** of manure to allow for processing.

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

<sup>5</sup> Indicate the crop removal rate of phosphate (P<sub>2</sub>O<sub>5</sub>) as determined by the most appropriate source of information.

<sup>6</sup> 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 P<sub>2</sub>O<sub>5</sub>. Schedule D must be completed when using a multi-year option.

<sup>7</sup> Choose one 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.

<sup>8</sup> As of January 1, 2008 Commercial and Off-farm Manure Applicators must be trained and Licenced with Manitoba Agriculture.

## Section F -Certification of Manure Management Plan

This plan must be certified by the person who prepares it. Select the appropriate box.

Plan prepared by:

**Operator**

*I hereby certify the information contained in this plan is true and believe this plan complies with the Livestock Manure and Mortalities Management Regulation (M.R. 42/98) of The Environment Act.*

\_\_\_\_\_  
Signature of the operator

Date: \_\_\_\_\_

**Other<sup>1</sup>**

*I hereby certify the information contained in this plan is true and believe this plan complies with the Livestock Manure and Mortalities Management Regulation (M.R. 42/98) of The Environment Act.*

*I meet the requirements to prepare manure management plans in accordance with Section 13(7) of M.R. 42/98.*

\_\_\_\_\_  
Name of person preparing the plan on behalf of the operator

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

\_\_\_\_\_

Contact number: \_\_\_\_\_

MIA #<sup>2</sup>/CCA #: \_\_\_\_\_

\_\_\_\_\_  
Signature

Date: \_\_\_\_\_

<sup>1</sup>Must meet the requirements to prepare manure management plans as per Section 13(7) of M.R. 42/98.

<sup>2</sup>If exempt from registration with MIA for the purposes of preparing manure management plans, enter 0000.

Certain livestock operations in Manitoba are required under Section 13(1) of the Livestock Manure and Mortalities Management Regulation (M.R. 42/98) of *The Environment Act*, to submit an annual manure management plan to Manitoba Sustainable Development. 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. Late submissions are subjected to \$100 (+ 5% GST) administration fee.

**Note: Confirmation of manure spreading 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 will not be registered unless this information is received by Manitoba Sustainable Development.**

Forms and other relevant information can be accessed online at  
<http://www.gov.mb.ca/conservation/envprograms/livestock>