

LMMMR News

News from Conservation's Environmental Services: Livestock Section

Inside this Issue

Winter Spreading Restrictions

Environmental Services and
Environmental Operations
– Who Does What

Staffing Announcements

Regulatory Phosphorus
Thresholds

Manure Applicator Licensing

Spreading Confirmation Sheets

Registration Program Update

Winter Spreading Restrictions

The snow has just left, but planning for a winter two years away may already be in the works. As of November 10, 2010 existing livestock operators 300 to 400 animal units (AU) in size were prohibited from winter application of manure. Operators over 400 AU have been prohibited from winter spreading since 2004. The last phase in date regarding winter spreading is November 10, 2013, when ALL operations regardless of size will be prohibited from winter spreading of manure. Winter is defined in the *Livestock Manure and Mortalities Management Regulation (LMMMR)* as between November 10 of one year and April 10 of the following year. It includes November 10 and April 10. Operators currently applying manure in the winter are strongly encouraged to plan for the 2013 prohibition which will apply to all operations.

Funding to increase manure storage capacity may be available to assist producers in complying with the winter spreading restrictions. For more information contact your local MAFRI GO Office.

*Operations that are not currently prohibited from winter manure application must follow setback requirements in Schedule B of the LMMMR.



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Environmental Services and Environmental Operations – Who Does What

Questions have been asked recently as to who does what between Environmental Operations and Environmental Services relating to the livestock program. Environmental Services provides co-ordination, direction, and support to Environmental Operations related to areas of compliance and enforcement while Environmental Operations delivers environmental programs at a regional level.

Environmental Services develops, coordinates, and administers the *Livestock Manure and Mortalities Management Regulation* (LMMMR). In addition, Environmental Services provides technical expertise and engineering support for the development and implementation of the livestock program, develops and/or updates legislation, guidelines, procedures, and communication materials to support the administration and enforcement of the livestock program, and represents Manitoba Conservation

on national and provincial technical committees. Environmental Services is responsible for receiving permit applications, issuing permits, and performing inspections regarding new, expanding, and/or modified manure storage facilities. Environmental Services also administers the Manure Management Plan (MMP) program, the Source Water Monitoring (SWM) program, and receives monitoring well results from all applicable facilities.

Environmental Operations delivers environmental programs at a regional level, ensuring compliance with the LMMMR. In addition, Environmental Operations conducts compliance and routine inspections, both announced and unannounced, provides complaint response, and assists in the development of legislation, procedures, protocols, and operational guidelines for administration and delivery of the livestock program.

Staffing Announcements

Diane Smith is Acting Manager for the Environmental Livestock Section during Jen Webb's maternity leave. During this time, Diane will continue to provide assistance as Soils Specialist for Environmental Services and the Manure Management Plan Program. Jen will return as Manager in January 2012 and Diane will return to her role as Soils Specialist.

Asit Dey, P. Eng. who was an Environmental Engineer with Environmental Services, has accepted new challenges with the department of Water Stewardship as Senior Planning Engineer. Asit was heavily involved in the review of construction permits for liquid manure storage facilities. We thank Asit for his hard work and dedication and wish him 'all the best' in his new responsibilities. Bereket Assefa and Rajan Niraula will be temporarily assisting with the review and processing of manure storage permits until the position can be filled.

Richard Balog has recently joined the Environmental Services Livestock Section team by being appointed as the Manure Management Plan Coordinator. He is responsible for the day to day administration of Manure Management Plans (MMPs).

Prior to his appointment, Richard was with the Pesticide Section of the Environmental Assessment and Licensing Branch as a Pesticide Assessment Officer. He holds a B.Sc. in Soil Science from the Philippines. He has completed the Internationally Educated Agrologists Program at the University of Manitoba. He is also a participant to the Career Gateway Program for Visible Minorities. He was recently designated as a Professional Agrologist by the Manitoba Institute of Agrologists. He is also experienced in agro-environmental research with research projects and training involving various international institutions.

Richard is grateful to be part of the team and looks forward to working with livestock producers on their MMPs. He can be contacted at 204-945-3078.

Regulatory Phosphorus Thresholds

The phosphorus (P) thresholds are in effect for all operations except those located in the Rural Municipalities of Hanover or La Broquerie. Operations in those RMs are required to comply with the thresholds by November 10, 2013.

These P thresholds are triggered by certain soil test P concentrations, as shown in Table 1. However, it is important to remember that the existing nitrate nitrogen soil limits still apply.

Table 1. Soil test phosphorus thresholds for regulating manure application.

Soil Test P Threshold (Olsen P)	Manure P ₂ O ₅ Application
Less than 60 ppm P	No restriction on P ₂ O ₅ application.
60 ppm P or more but less than 120 ppm P	Apply P up to 2 times the crop removal rate of P ₂ O ₅
120 ppm P or more but less than 180 ppm P	Apply P up to 1 times the crop removal rate of P ₂ O ₅
180 ppm P or greater	No manure application without written consent of the Director



For fields with soil test P concentrations of 60 ppm or more but less than 180 ppm, there is a Multi-Year Option. This option is available for producers to apply manure at higher rates of application, up to 5 times crop removal of phosphate (P₂O₅). However, if this option is implemented, manure cannot be reapplied to that field until the number of years equal to the multi-year application rate has passed (up to 5 years).

Manure Applicator Licencing

Due to changes to *The Pesticides and Fertilizers Control Act* regarding the *Manure Regulation*, Commercial Manure Applicators and Off-Farm Manure Applicators are required to hold a valid applicator license issued by Manitoba Agriculture, Food and Rural Initiatives (MAFRI). For more information regarding manure applicator licencing, contact your local MAFRI GO Office. Before applying for a license, applicators are required to complete a course offered by Assiniboine Community College. For information regarding the manure applicator course, contact Assiniboine Community College at (204) 725-8700 ext.6716.

Spreading Confirmation Sheets

For those operations currently filing manure management plans, please remember to submit your spreading confirmation sheets after your spring and summer manure application. Confirmation sheets relating to manure applications last fall should have already been sent in to our office. You are encouraged to submit confirmation sheets shortly after your seasonal applications in order for your MMP to be up to date. An updated spreading confirmation sheet is available on the livestock sections website.

Registration Program Update – Past November 10, 2010

The *Livestock Manure and Mortalities Management Regulation* requires registration of earthen manure storage facilities constructed prior to 1994 and tanks (concrete and steel) constructed prior to 1998. Owners/Operators were required to apply for registration of such facilities by November 10, 2009 and have them registered by November 10, 2010.

Applications are reviewed based on priority ranking of the facilities with respect to risk level to the environment. Registration notification letters have been sent to applicants for which reviews were completed. For applications still under review, interim registrations were granted; and the owners were notified. The interim registrations allow the owners to continue using their facilities past November 10, 2010, until their facilities are formally registered.

Manitoba Conservation is continuing to accept applications for registration. Applications voluntarily submitted after November 10, 2010 will be considered for interim registration. Environment Officers finding a facility that has not applied for registration are requesting immediate application submission. Enforcement action may be considered if applications are not submitted as requested by Environment Officers.

The Environment Officers at regional offices are the first contact for information and submission of registration application.

Larry Markwart	Steinbach Ph: (204) 346-6063
Sarah Belisle	Steinbach Ph: (204) 346-6103
Marguerite Reimer	Winnipeg Ph: (204) 945-7016
Curt Bueckert	Portage La Prairie Ph: (204) 239-3868
Ashley Oliver	Brandon Ph: (204) 726-6974
Kim Kmet	Gimli Ph: (204) 642-6095



Who are you going to call?

Manure management plan, engineering and source water analysis questions should be directed to Environmental Services.

Matters regarding all other aspects of the *Livestock Manure and Mortalities Regulation* should be directed to Environmental Operations.

For reporting a spill, emergency spreading, or any emergencies, call your Environmental Operations contact.

After hours, use the emergency response number.

Emergency Response 944-4888	
Environmental Services	Manure Management Plans Ph: 945-3078 Winnipeg Source Water Administration Ph: 945-5168 Winnipeg Engineering Section Ph: 945-7084
Environmental Operations	Eastern Ph: 346-6060 Steinbach Western Ph: 726-6064 Brandon Ph: 622-2030 Dauphin Central Ph: 945-7100 Winnipeg Ph: 642-6095 Gimli Ph: 239-3204 Portage La Prairie