

## Technical Information Request for Roseau River IWMP – Response

### 1) Municipal Wastewater

- a. There are 5 municipal wastewater systems in the RM of Emerson-Franklin; 1 in the RM of Stuartburn; and 2 in the RM of Piney. A list indicating their location and receiving discharge water body is attached. Some of these may not be located in the Roseau River Watershed.
- b. None of the wastewater systems are currently experiencing capacity issues. One of the facilities is, however, currently undergoing the process to licence and expand their facility.
- c. There have not been any recent emergency discharges associated with the listed facilities within the past few years.

### 2) Onsite Wastewater Management Systems

- a. While there are no licence requirements issued for the construction or use of an onsite wastewater management systems, all new systems must be registered with Manitoba Sustainable Development. Upon application for registration, an Environment Officer assesses the design and location of each system for regulatory compliance before authorizing construction.
- b. The *Onsite Wastewater Management Systems Regulation* (MR 83/2003) requires that only a Certified Installer or homeowner may install a system. A certified installer is a person that has successfully completed a training course approved by the Director. The current approved course is offered by Red River College. If the system is installed by a Certified Installer, a visual inspection may be conducted by an Environment Officer prior to cover on a case-by-case or audit basis. All disposal fields that are installed by a homeowner are inspected prior to cover. Holding tanks may not be inspected prior to cover.
- c. Onsite wastewater management systems are not routinely inspected once they are in operation unless a failure has occurred and has been reported.
- d. Education for a landowner regarding proper management of wastewater systems would generally be provided by the homeowner's Certified Installer. Also, there is a "Homeowner's Manual for Onsite Wastewater Management Systems" which is published by Manitoba Sustainable Development and made available on-line at [http://www.gov.mb.ca/conservation/envprograms/wastewater/pdf/homeowner\\_manual\\_2011.pdf](http://www.gov.mb.ca/conservation/envprograms/wastewater/pdf/homeowner_manual_2011.pdf).

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### 3) Abandoned Landfills

- a. There are approximately 24 inactive landfills in or near the subject area (within three of the Rural Municipalities that also contain the watershed). Manitoba Sustainable Development does not currently have a map prepared illustrating their locations, so some of these may not be in the watershed. A list with further information is attached.
- b. Ongoing monitoring requirements for closed waste disposal grounds are considered on a case-by-case and site specific basis. The majority of landfills in the area have been closed for a long time, and information on monitoring data would be limited.

### 4) Fuel Tanks

- a. The process for decommissioning old fuel tanks is provided in the guideline “Dismantling and Removal of Petroleum Product and Allied Product Storage Tank Systems” which is located on-line at [http://www.gov.mb.ca/conservation/envprograms/psp/pdf/guideline-tank\\_removal.pdf](http://www.gov.mb.ca/conservation/envprograms/psp/pdf/guideline-tank_removal.pdf).
- b. The presence of old tanks should be reported directly to an Environment Officer at the local Environmental Compliance and Enforcement Branch office.

### 5) Livestock Information

- a. There are approximately 49 manure storage facilities located in the Rural Municipalities of Piney, Stuartburn and Emerson-Franklin. Not all of these will be located in the Roseau River Watershed.
- b. These facilities are visually inspected by an Environment Officer once every 5 years to assess condition and structural integrity.
- c. Manure from all of these facilities would be applied to farmland as fertilizer in the immediate vicinity. The *Livestock Manure and Mortalities Management Regulation* sets limits on application rates based on nutrient levels, setback distances for application, and prohibits application of manure in the winter months. Larger operations are required to submit a manure management plan prior to application.
- d. In addition to the livestock operations with manure storage facilities, there would be other operations that do not produce liquid manure, such as cattle farms and broiler barns. Manitoba Sustainable Development does not generally have any information on these types of facilities.