

# Environment Act Licence

Manitoba  
Environment



Licence No. 1734

Issue Date DECEMBER 17, 1993

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

## **TOWN OF DELORAINE: "the Licencee"**

for the construction and operation the Development being a Water Treatment Plant (Wastewater) sludge dewatering facility located on the NW1/4 Section 2, Township 3, Range 23 WPM, with discharge of supernatant to the East Branch of the Deloraine Drain and the final disposal of dewatered sludge at the Town of Deloraine waste disposal ground, and subject to the following specifications, limits, terms and conditions:

### **DEFINITIONS**

In this Licence,

"**Director**" means an employee so designated under The Environment Act;

"**sludge dewatering beds**" means the facility for the separation of the sludges wasted from the Town of Deloraine water treatment plant;

"**waste disposal ground**" means an area of land designated by a person, municipality, provincial government agency, or crown corporation for the disposal of waste and approved for use in accordance with Manitoba Regulation 150/91 as amended from time to time.

### **GENERAL SPECIFICATIONS**

1. The Licencee shall ensure that domestic wastewater is not directed to the sludge dewatering beds.
2. The Licencee shall ensure that laboratory wastes are not directed to the sludge dewatering beds.
3. The Licencee shall, in case of physical or mechanical breakdown of the sludge dewatering beds:
  - (a) notify the Director immediately;
  - (b) identify the repairs required to the wastewater collection and/or treatment system; and

- (c) complete the repairs in accordance with the written instructions of the Director.
4. Unless otherwise specified, all laboratory analyses shall be conducted in accordance with the latest edition of "Standard Methods For The Examination Of Water and Wastewater."

#### **LIMITS, TERMS, AND CONDITIONS**

5. The Licencee shall not discharge effluent from the sludge dewatering beds:
- (a) where the suspended solids content of the effluent is in excess of 25 milligrams per litre; or
- (b) between the 1st day of November of any year and the 1st day of May of the following year.
6. The Licencee shall ensure that dewatered sludge solids are disposed of at a waste disposal ground.

#### **CONSTRUCTION SPECIFICATIONS**

7. The Licencee shall, prior to the construction of the dikes for the sludge dewatering beds:
- (a) remove all organic topsoil from the area where the dikes will be constructed; or
- (b) remove all organic material for a depth of 0.3 metres and a width of 3.0 metres from the area where the dike will be built, provided all the sludge dewatering beds dikes are lined with clay or other suitable material as required by Clause 7.
8. The Licencee shall construct the sludge dewatering beds with clay or other suitable material such that all interior surfaces of the lagoon structure incorporate a continuous layer, a minimum of 1 metre thick, of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.

#### **REVIEW OR REVOCATION**

If in the opinion of the Director the Licencee has exceeded or is exceeding the specifications, limits, terms, or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.



Larry Strachan, P. Eng.  
Director, Environment Act