

# Environment Act Licence

Manitoba  
Environment



Licence No. 1393

Issue Date AUGUST 7, 1990

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

THIS LICENCE IS ISSUED TO:

## DEPARTMENT OF NATURAL RESOURCES: APPLICANT

The following limits, terms, and condition shall be complied with in connection with the operation of the existing one cell wastewater treatment lagoon system located on Section 19-12-20 WPM with final disposal in a seepage area downstream of the reservoir created by the Rivers Dam on the Little Saskatchewan River:

1. The Applicant shall not discharge effluent from the wastewater treatment lagoon:
  - (a) where the organic content of the effluent, as indicated by the five day biochemical oxygen demand, is in excess of 30 milligrams per litre;
  - (b) where the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample;
  - (c) where the total coliform content of the effluent, as indicated by the MPN index, is in excess of 1500 per 100 millilitres of sample;
  - (d) between the fifteenth day of May of any year and the first day of May of the following year;
  - (e) upstream of the reservoir created by the Rivers Dam on the Little Saskatchewan River;
  - (f) directly to the waters of the Little Saskatchewan River.

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2. The Applicant shall ensure that the wastewater treatment lagoon system does not receive raw wastewater prior to May 15 of each year.
3. The Applicant shall operate and maintain the wastewater treatment lagoon in such a manner that:
  - (a) the release of offensive odours is minimized;
  - (b) the organic loading on the wastewater treatment lagoon, as indicated by the five day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day;
  - (c) the depth of sewage in the lagoon cell does not exceed 1.5 metres.
4. The Applicant shall, in case of physical or mechanical breakdown of the wastewater collection and/or treatment system:
  - (a) notify the Director immediately;
  - (b) identify the repairs required to the wastewater collection and/or treatment system;
  - (c) complete the repairs in accordance with the written instructions of the Director.
5. The Applicant shall ensure that the wastewater treatment lagoon is constructed with clay or other suitable material such that all interior surfaces of the lagoon structure are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.
6. The Applicant shall install a fence around the wastewater treatment lagoon to limit access.



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Larry Strachan, P. Eng.  
Director  
Environment Act