

# Environment Act Licence

Manitoba  
Environment



Licence No. 1344  
Issue Date FEBRUARY 15, 1990

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

THIS LICENCE IS ISSUED TO:

**DEPARTMENT OF NATURAL RESOURCES/PARKS BRANCH; APPLICANT**  
**(NUTIMIK LAKE RECREATIONAL AREA WASTEWATER TREATMENT LAGOON)**

The following limits, terms, and conditions shall be complied with in connection with the reconstruction and operation of a wastewater collection system and a wastewater treatment lagoon located in the Whiteshell Provincial Park and with discharge of treated effluent into Nutimik Lake:

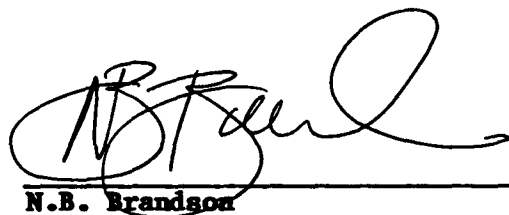
1. The Applicant shall ensure that all sewage generated within the campground area is directed towards the wastewater treatment lagoon.
2. The Applicant shall not discharge effluent from the wastewater treatment lagoon:
  - (a) where the organic content of the effluent, as indicated by the five day biochemical 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 first day of November in any year and the fifteenth day of May in the following year, and between the fifteenth day of June and the fifteenth day of September in any one 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 primary cell of the sewage lagoon system, 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 primary cell does not exceed 1.5 metres.

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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 reconstruct the wastewater treatment lagoon 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 arrange with the designated Environment Officer a mutually acceptable time and date for any required soil sampling between the 15th day of May and the 15th day of October of any year, unless prior approval, by the Director, is given.
7. The Applicant shall either:
  - (a) subject undisturbed soil samples from the reconstructed cells of the wastewater treatment lagoon to hydraulic conductivity tests, the number and location of samples to be specified by the designated Environment Officer up to a maximum of twenty samples; or,
  - (b) where undisturbed soil samples cannot be taken, test the soil of 4 plane surfaces from the reconstructed cells of the wastewater treatment lagoon for hydraulic conductivity by an insitu field test method as prescribed by the designated Environment Officer.
8. The Applicant shall, not less than 2 weeks before the reconstructed cell of the wastewater treatment lagoon is placed in operation, submit to the Director the results of the tests carried out pursuant to Clause 7.

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9. The Applicant shall install a fence around the sewage lagoon facility to limit access.
10. This Licence replaces Licence No. 335 which is hereby rescinded.



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**N.B. Brandson**  
**Director**  
**Environmental Management Services**

**FILE NO: 564.10**