

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1265

Issue Date MAY 12, 1989

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

THIS LICENCE IS ISSUED TO:

**VILLAGE OF GREINA; APPLICANT**

The following limits, terms, and conditions shall be complied with in connection with the construction and operation of a wastewater collection system and wastewater treatment lagoon located on Parcels 1 to 4 of Plan 714; Lots 1 and 2, Block 77 of Plan 28 and Portion of the South-West quarter of Section 5, Township 1, Range 1 West and with discharge of treated effluent to the Boundary Drain and then to the Red River:

1. The applicant shall ensure that all sewage generated within the Village 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 of any year and the 15th day of May of the following year, unless prior approval, by the Director, is given.
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 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 ensure that the wastewater treatment lagoon is constructed with clay or other suitable material such that all interior surfaces are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.
5. 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 written instructions of the Director.
6. The applicant shall install a fence around the wastewater treatment lagoon to limit access.



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C.B. Orcutt  
Director  
Environmental Control  
Services