

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1219  
Issue Date AUGUST 30, 1988

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

THIS LICENCE IS ISSUED TO:

**UPLAND COLONY FARMS LTD; APPLICANT**

The following limits, terms, and conditions shall be complied with in connection with the construction and operation of a wastewater collection and a wastewater treatment lagoon located in the NW 1/4 of Section 13-16-17W in the Rural Municipality of Minto with discharge of effluent to a coulee emptying into Stony Creek:

1. The applicant shall ensure all sewage generated within the Upland Colony Farms is directed towards the wastewater treatment lagoon.
2. The applicant shall ensure that no livestock waste is directed towards the wastewater treatment lagoon.
3. The applicant shall maintain and operate the wastewater treatment lagoon system in such a manner that:
  - (a) the release of offensive odours is minimized;
  - (b) the organic loading on the primary cell, as indicated by the five day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day.
4. The applicant shall not discharge sewage effluent from the wastewater treatment lagoon between June 15th of any year and May 15th of the following year without receiving prior approval from the Director.
5. The applicant shall ensure that:
  - (a) effluent is not discharged when flooding from any cause is occurring along the discharge route; and,
  - (b) effluent is not discharged when it will cause or contribute to flooding in or along the drainage route; and,
  - (c) Mr. Hutton or his successor as operator of the downstream farm shall be notified 14 days in advance of any wastewater treatment lagoon discharge.

6. The applicant shall not release effluent from the wastewater treatment lagoon system at a rate greater than 0.01 cubic metres per second.
7. The applicant shall not discharge effluent from the wastewater treatment lagoon system where:
  - (a) the organic content of the wastewater effluent, as indicated by the five day biochemical oxygen demand, is in excess of 30 milligrams per litre;
  - (b) the fecal coliform content of the effluent of the wastewater effluent, as indicated by the M.P.N. Index, is in excess of 200 per 100 millilitres of sample;
  - (c) the total coliform content of the wastewater effluent, as indicated by the M.P.N. Index, is in excess of 1500 per 100 millilitres of sample.
8. The applicant shall, in case of physical or mechanical breakdown of the wastewater collection or treatment systems:
  - (a) notify the Director immediately;
  - (b) identify the repairs required to the wastewater collection or treatment system;
  - (c) complete the repairs in accordance with the written instructions of the Director.
9. The applicant shall construct 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.
10. The applicant shall install a fence around the wastewater treatment lagoon to limit access.
11. The applicant shall seek permission, agreement and consent of the owner of the land where the dyke is located, the location of which is indicated approximately in the sketch attached as Appendix "A" to this licence, to install a gated culvert in the dyke.

12. The applicant shall, subject to clause 11, on or before the 1st day of September 1989, install a gated culvert in the dyke, the location of which is indicated approximately in the sketch attached as Appendix "A" to this Licence, the dyke to be, thereafter, under the supervision and control of the owner or farm operator for the purpose of regulating the flow of water through the dyke.



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**C.B. Orcutt**  
**Director**  
**Environmental Control Services**

**FILE NO: 2862.0**

