

COPY

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION
UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and THE DEPARTMENT OF NORTHERN AFFAIRS,
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Department of Northern Affairs filed a proposal with the department in connection with the operation of a sewage lagoon system located in Section 13, Township 76, Range 2 EPM at Pikwitonei, Manitoba, serving the Community of Pikwitonei with discharge of effluent to a swampy area draining toward Cook Lake;

AND WHEREAS in the absence of limits, terms and conditions prescribed by a regulation, the proposal was referred to The Clean Environment Commission to prescribe limits, terms and conditions;

AND WHEREAS after giving notice of its intention to set limits, terms and conditions, the Commission did not receive notice of representation from any person who was likely to be affected;

AND WHEREAS the Commission considered the operation on the 16th day of March, 1988;

IT IS HEREBY ORDERED THAT

1. The Applicant shall not discharge effluent from the said sewage lagoon system
 - (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;

1. (d) between the 1st day of November of any year and the 15th day of May of the following year.

2. The Applicant shall operate and maintain the said sewage 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.

3. The Applicant shall ensure that the cells of the said sewage lagoon system are constructed with clay or other suitable material such that all interior surfaces of the lagoon are underlain with clay or other material having a hydraulic conductivity of 1×10^{-7} centimetres per second or less.

4. The Applicant shall, when so requested by an officer of the Environmental Management Division, either
 - (a) subject undisturbed soil samples from the sewage lagoon cells to hydraulic conductivity tests, the number and location of said samples to be as specified by an officer of the said Division up to a maximum of twenty samples or

 - (b) where undisturbed soil samples cannot be taken, test the soil of 2 plane surfaces of each sewage lagoon cell for hydraulic conductivity by an in situ field test method acceptable to the said Division at locations specified by an officer of the Division.

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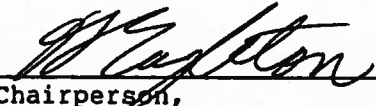
- 3 -

Department of
Northern Affairs

5. The Applicant shall, not less than 2 weeks after completion of the hydraulic conductivity tests, submit to the said Division the results of the tests carried out pursuant to Clause 4.

Order No. 1170

Dated at the City of Winnipeg
this 22th day of March, 1988.


Chairperson,
The Clean Environment Commission.

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