

Binder Copy

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

RE: THE CLEAN ENVIRONMENT COMMISSION and the RURAL MUNICIPALITY OF BROKENHEAD,
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, I. D. Engineering Company, on behalf of the Rural Municipality of Brokenhead, filed a proposal with the department in connection with the operation of a sewage lagoon system to be located in the NW $\frac{1}{4}$ of Section 11, Township 13, Range 6 EPM in the Rural Municipality of Brokenhead, Manitoba, serving the unincorporated village of Tyndall, with discharge of effluent via open ditches to Devil's Creek;

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

AND WHEREAS after giving notice, the Commission did not receive representations from any person who is likely to be affected by an order of the Commission issued in connection with the said proposal;

AND WHEREAS the Commission considered the proposal on the 22nd day of February, 1982;

IT IS HEREBY ORDERED THAT

1. The Applicant shall construct, maintain and operate the said sewage lagoon system in such a manner as to minimize the release of offensive odours.
2. The Applicant shall not permit the organic loading on the primary cell of the said sewage lagoon system, in terms of five-day biochemical oxygen demand, to exceed 56 kilograms per hectare per day.
3. 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;

*Assigned
to
WBC
Feb 22/82*

3.
 - (b) where the faecal 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, as indicated by the MPN index, is in excess of 1500 per 100 millilitres of sample;
 - (d) between the 1st day of November of any year and the 15th day of May of the following year unless written approval is received from the Commission prior to such discharge;
 - (e) when flooding from any cause is occurring along the drainage route;
 - (f) when it will cause or contribute to flooding in or along the drainage route.
4. The Applicant shall prior to the construction of dykes for the said sewage lagoon system:
 - (a) remove all organic topsoil from the area where the dykes will be constructed; or
 - (b) remove all organic material for a depth of 0.3 metres and a width of 3.0 metres from the area where the dyke will be built, provided all the lagoon dykes are lined with clay or other suitable material as required by clause 5, to a minimum thickness of one metre measured perpendicular to the face of the sidewall.
5. The Applicant shall construct the said sewage lagoon system with clay or other suitable material such that all interior surfaces of the said sewage lagoon system are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of 10^{-7} centimetres or less.
6. The Applicant shall notify the Environmental Management Division two weeks prior to the completion of construction of the said sewage lagoon system.

