

REVOKED 1187

COPY

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

RE: THE CLEAN ENVIRONMENT COMMISSION and THE DEPARTMENT OF NATURAL RESOURCES, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Department of Natural Resources filed a proposal with the department in connection with the operation of a sewage lagoon system located in Section 5, Township 9, Range 17 EPM, in the Whiteshell Provincial Park, serving the Toniata Beach campground, with discharge of effluent via a swampy area to Falcon 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 likely to be affected;

AND WHEREAS the Commission considered the operation on the 30th day of March, 1988.

Revoked

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;

1. (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) where the total phosphorus content is in excess of 1.0 milligrams per litre;
 - (e) 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 of the said sewage lagoon system, as indicated by the five day biochemical oxygen demand, is not in excess of
 - (i) 56 kilograms per hectare per day during the period from the 1st day of November of any year to the 30th day of April of the following year;
 - (ii) 70 kilograms per hectare per day during the period from the 1st day of May to the 31st day of October of the same year.
3. The Applicant shall, prior to the construction of the dykes for the said sewage lagoon system
 - (a) remove all organic topsoil from the area where the dykes are to be constructed;
 - (b) remove all organic material for a depth of 0.3 metres and a width of 3.0 metres from the area where the dykes are to be built, provided that all the lagoon dykes are lined with clay or other suitable material as required by Clause 4, to a minimum thickness of one metre measured perpendicular to the interior face of the dykes.

4. The Applicant shall ensure that the sewage lagoon system are constructed with suitable material such that the lagoons are lined with one membrane having a hydraulic conductivity of 1×10^{-7} centimetres per second.
5. The Applicant shall notify the Division at least two weeks prior to the construction of the said sewage lagoon system.
6. The Applicant shall either
 - (a) subject undisturbed soil to the sewage lagoon cells to the number and location of the cells as determined by an officer of the Environment and Heritage Division to a maximum of twenty cells;
 - (b) where undisturbed soil is not available, soil of two plane surface having a hydraulic conductivity of 1×10^{-7} centimetres per second acceptable to the said Division as determined by an officer of the Division.
7. The Applicant shall, not less than two weeks prior to the construction of the sewage lagoon system being proposed, submit to the said Division the results of the tests required by Clause 6.

Order No. 1187

Dated at the City of Winnipeg
this 30th day of March, 1988.

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