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AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and THE TOWN OF OAK LAKE, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Town of Oak Lake filed a registration with the department in connection with the operation of a sewage lagoon system located in the SE 1/4 of Section 26, Township 9, Range 24 WPM in the Town of Oak Lake, Manitoba, with discharge of effluent to the Oak River;

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

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

AND WHEREAS the Commission considered the registration on the 15th day of January, 1988;

IT IS HEREBY ORDERED THAT

1. The Applicant shall limit the organic loading on the primary cell of the said sewage lagoon system to such an extent that 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.

2. The Applicant shall not discharge effluent from the said sewage lagoon system to a surface drainage system or watercourse between the 1st day of November of any year and the 15th day of May of the following year.

3. The Applicant shall not discharge effluent to a surface drainage system

   (a) when flooding from any cause is occurring along the drainage route;

   (b) when the discharge will cause or contribute to flooding in or along the drainage route.

4. The Applicant shall not discharge effluent from the said sewage lagoon system to a surface drainage 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.

5. The Applicant shall maintain and operate the said sewage lagoon system in such a manner that release of offensive odours is minimized.

6. The Applicant shall on or before the 1st day of January, 1989

   (a) line the secondary cell of the said sewage lagoon system with clay or other suitable material such that all interior surfaces of the said cell are underlain with a minimum of one metre of soil having a hydraulic conductivity of 1 x 10-7 centimetres per second or less; or

6. (b) file a proposal for a non-standard sewage lagoon complete with a geotechnical engineering report indicating that the said lagoon system will have no adverse environment impact.

7. Subject to Clause 6 the Applicant shall:

(a) notify the Environmental Management Division two weeks prior to the completion of construction of the lining of the secondary cell of the said sewage lagoon system;

(b) (i) subject undisturbed soil samples from the completed sewage lagoon cells to hydraulic conductivity tests, the number and location of which to be specified by an officer of the said Division up to maximum of twenty samples, or

(ii) where undisturbed soil samples cannot be collected, test the soil of two plane surfaces of the said 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;

(c) not less than two weeks before the said sewage lagoon cell is placed back in operation, submit to the said Division the results of the tests carried out pursuant to (b).

Order No. 1151

Dated at the City of Winnipeg

this 19th day of January, 1988.

Chairperson,
The Clean Environment Commission.

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