

COPY

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

RE: THE CLEAN ENVIRONMENT COMMISSION and THE MANITOBA WATER SERVICES BOARD,
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Manitoba Water Services Board submitted an application to The Clean Environment Commission in connection with the operation of a sewage lagoon system formerly licenced under the Pollution of Waters Prevention Act located in the SW 1/4 of Section 17, Township 11, Range 4 WPM in the Rural Municipality of Portage la Prairie, Manitoba, serving the unincorporated village of Oakville, with discharge of effluent to the Elm River Channel;

AND WHEREAS after giving notice the Commission issued Order No. 411 on the 18th day of November, 1974, prescribing limits;

AND WHEREAS on the 5th day of November 1987, the Applicant filed a proposal with the department in connection with the expansion and continued operation of the said sewage lagoon system which proposal was referred to the Commission;

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 proposal on the 30th 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;

1. (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;
 - (d) between the 1st day of November of any year and the 15th day of May of the following year;
 - (e) where it will cause or contribute to flooding in or along the drainage route to the Elm River Channel.
2. The Applicant shall maintain and operate 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 lagoon system, as indicated by the five-day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day.
3. 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;
 - (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 will be built, provided 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 construct the said sewage lagoon system with clay or other suitable material such that all interior surfaces of the said sewage system are underlain with a minimum of one metre of soil having a hydraulic conductivity of 1×10^{-7} centimetres per second or less.
5. The Applicant shall notify the Environmental Management Division two weeks prior to the completion of construction of the said sewage lagoon system.
6. The Applicant shall either
 - (a) subject undisturbed soil samples from the completed lagoon to hydraulic conductivity test, the number and location of said samples to be as specified by a representative of the Division up to a maximum of twenty samples;
 - (b) where undisturbed soil samples cannot be taken, test the soil of 4 plane surfaces of the said sewage lagoon system for hydraulic conductivity in a manner prescribed by the said Division by an in situ test method as prescribed by an officer of the Division.
7. The Applicant shall, not less than 2 weeks before the said sewage lagoon system is placed in operation, submit to the said Division the results of the tests carried out pursuant to clause 6.
8. Order No. 411 shall be and is hereby rescinded.

Order No. 1192

Dated at the City of Winnipeg

this 30th day of March, 1988.


Chairperson,
The Clean Environment Commission.

File: 132.2