

Bidder Copy

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

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

WHEREAS pursuant to the provisions of The Clean Environment Act, the Rural Municipality of Ritchot filed a proposal with the department in connection with the operation of a sewage lagoon system located in River Lots 239 and 240 in the Parish of St. Norbert in the said Municipality, serving the unincorporated village of St. Adolphe, Manitoba, with discharge of effluent via the St. Adolphe Coulee and the Seine River Diversion to the Red River;

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

AND WHEREAS the Commission held a hearing in St. Adolphe on the 14th day of October, 1983, to receive evidence and representations in connection with the said sewage lagoon system;

AND WHEREAS the Commission considered the proposal on the 17th day of October, 1983;

IT IS HEREBY ORDERED THAT

1. The Applicant shall not discharge effluent from the said sewage lagoon system where:
 - (a) the organic content of the effluent, as indicated by the five day biochemical oxygen demand, is in excess of 30 milligrams per litre;
 - (b) the faecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample;
 - (c) 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) flooding from any cause is occurring in the discharge route;
- (e) the effluent will cause or contribute to flooding in or along the discharge route.
2. The Applicant shall not discharge sewage effluent from the said sewage lagoon system:
 - (a) between the 1st day of November of any year and the 15th day of May of the following year;
 - (b) between the 15th day of June and the 15th day of September of any year.
3. 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, as indicated by the five day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day.
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 side wall.
5. The Applicant shall construct the said sewage lagoon with clay or other suitable material such that all interior surfaces of the said lagoon system are underlain with a minimum of one metre of soil having a hydraulic conductivity of 1×10^{-7} centimetres per second 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.

7. 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 specified by a representative of the Division up to a maximum of 20 samples; or

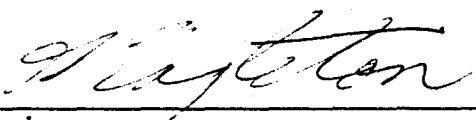
 - (b) where undisturbed soil samples cannot be taken, test the soil of 4 plane surfaces of the said sewage lagoon system for hydraulic conductivity in a manner prescribed by the said Division by an in situ field test method as prescribed by an officer of the Division.

8. The Applicant shall, not less than 2 weeks before the said sewage lagoon is placed in operation, submit to the said Division the results of the tests carried out pursuant to clause 7.

Order No. 1004

Dated at the City of Winnipeg

this 19th day of October, 1983.



Chairman,
The Clean Environment Commission.

File: 2633.0