

COPY

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

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RE: THE CLEAN ENVIRONMENT COMMISSION and ROLLING RIVER SCHOOL DIVISION,  
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, ID Engineering Inc., filed a proposal on behalf of the Rolling River School Division in connection with the operation of a sewage lagoon system located in the SW 1/4 of Section 31, Township 11, Range 18 WPM in the Rural Municipality of Elton, Manitoba, serving the Elton Collegiate and the Forrest Elementary School with discharge of effluent via a drainage ditch to Willow 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 of its intention to issue an order prescribing limits, terms and conditions concerning the proposal, the Commission did not receive notice of representation from any person who was likely to be affected;

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

IT IS HEREBY ORDERED THAT

1. The Applicant shall ensure that all sewage generated within the Elton Collegiate and Forrest Elementary School is directed toward the said sewage lagoon.
2. 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;

2. (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 th MPN Index, is in excess of 1,500 per 100 millilitres of sample.
3. The Applicant shall not discharge sewage effluent from the said lagoon system between the 1st day of November of any year and the 15th day of October of the following year.
4. The Applicant shall not discharge effluent from the said sewage lagoon system
  - (a) when flooding from any cause is occurring along the drainage route;
  - (b) when it will cause or contribute to flooding in or along the drainage route.
5. 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.
6. 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 are to be constructed; or

6. (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 all the lagoon dykes are lined with clay or other suitable material as required by clause 7, to a minimum thickness of one metre measured perpendicular to interior surface of the dykes.
  
7. 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 one metre of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.
  
8. The Applicant shall notify the Environmental Management Division two weeks prior to the completion of construction of the said sewage lagoon system.
  
9. The Applicant shall either:
  - (a) subject undisturbed soil samples from the completed lagoon to hydraulic conductivity tests, the number and location of said samples to be as specified by a representative of the division up to a maximum of twenty 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.

Continued

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ROLLING RIVER SCHOOL DIVISION

10. 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 9.

Order No. 1153

Dated at the City of Winnipeg

this 19th day of January, 1988.

  
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Chairman,  
The Clean Environment Commission.

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