

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

RE: THE CLEAN ENVIRONMENT COMMISSION and MR. DAVE DUFOUR, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Poetker Engineering Consultants filed a proposal with the department on behalf of Mr. Dave Dufour in connection with the operation of a sewage lagoon system located in the NE 1/4 of Section 32, Township 18, Range 10 EPM in the Local Government District of Alexander, Manitoba, serving all or part of the Chevretils settlement, with discharge of effluent to the Winnipeg River;

AND WHEREAS in the absence of limits, terms and conditions set by a regulation, the proposal was referred to The Clean Environment Commission to set 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 proposal on the 14th day of January, 1988;

IT IS HEREBY ORDERED THAT

1. The Applicant shall direct all sewage generated within the Dufour Trailer Court 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 fecal 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 1,500 per 100 millilitres of sample.
3. The Applicant shall not discharge effluent from the said sewage lagoon between the 1st day of November of any year and the 1st 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 dyke is 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 the interior surface of the dyke.

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 1×10^{-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

- 4 -

Dave Dufour

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.

11. Order No. 1096 shall be and is hereby rescinded.

Order No. 1140

Dated at the City of Winnipeg
this 15th day of January, 1988.



Chairperson,
The Clean Environment Commission.

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