

COPY

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

RE: THE CLEAN ENVIRONMENT COMMISSION and THE VILLAGE OF GILBERT PLAINS,
Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Poetker Engineering Consultants filed a proposal on behalf of the Village of Gilbert Plains in connection with the expansion and continued operation of a sewage lagoon system located in the NW 1/4 of Section 10, and the SW 1/4 of Section 15, Township 25, Range 22 WPM in the said Village and in the Rural Municipality of Gilbert Plains, Manitoba, with discharge of effluent to the Valley River;

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

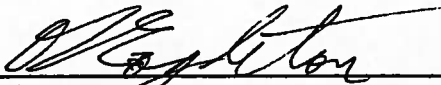
1. The Applicant shall direct all sewage generated within the Village of Gilbert Plains toward the said sewage lagoon system.
2. The Applicant shall not discharge effluent from the said sewage lagoon system where:
 - (a) the organic content of the effluent, as indicated by the five day biochemical oxygen 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 system between the 1st day of November of any year and the 15th day of June 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 so construct the third cell of the said sewage lagoon system and so maintain and operate the said system that:

6. (a) the third cell is constructed with clay or other suitable material such that all interior surfaces of the lagoon are underlain with a minimum of one metre of soil having a hydraulic conductivity of 1×10^{-5} centimetres per second or less;
 - (b) the properties adjoining the site of the said sewage lagoon system are not adversely affected by seepage from the said facility;
 - (c) a minimum buffer zone of 30 metres is established between the toe of the outside berm of said third sewage lagoon cell and the property line.
7. The Applicant shall notify the Environmental Management Division two weeks prior to the completion of construction of the said sewage lagoon system.
 8. The Applicant shall test the soil 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 up to a maximum of ten locations.
 9. 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 8.

Order No. 1143

Dated at the City of Winnipeg
this 18th day of January, 1988.



Chairperson,
The Clean Environment Commission.

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