

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

COPY

RE: THE CLEAN ENVIRONMENT COMMISSION and THE VILLAGE OF NOTRE DAME DE
LOURDES, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Village of Notre Dame de Lourdes filed a proposal with the department in connection with the operation of a sewage lagoon system located in the SE 1/4 of Section 2, Township 7, Range 9 WPM in the Rural Municipality of South Norfolk, Manitoba, with drainage of effluent to a swamp located in the same quarter-section;

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

AND WHEREAS after giving notice of its intention to prescribe 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 11th day of September, 1987;

IT IS HEREBY ORDERED THAT

1. The Applicant shall direct all sewage generated within the Village of Notre Dame de Lourdes 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;
 - (b) the faecal coliform content of the effluent, as indicated by the MPN Index, is in excess of 200 per 100 millilitres of sample;

2. (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 May 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:
 - (a) construct the lagoon cells 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;

6. (b) prevent seepage from the said facility from adversely affecting properties adjoining the said sewage lagoon site;
- (c) establish minimum buffer zones of 30 metres between the toe of the outside berms of the said sewage lagoon system and the property lines on the east and west sides of the said lagoon system.
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 cells of the said sewage lagoon system 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.
10. The Applicant shall on or before the 1st day of January, 1988 install a monitoring well system for the said sewage lagoon system in a manner acceptable to the Environmental Management Division with respect to number, location and design of the monitoring wells.

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THE VILLAGE OF
NOTRE DAME DE LOURDES

11. The Applicant shall on or before the 1st day of January, 1988 file with the said Division a plan for decommissioning the existing sewer collection system and single cell lagoon.

Order No. 1125

Dated at the City of Winnipeg
this 15th day of September, 1987.


Chairman,
The Clean Environment Commission.

File: 2840.0