

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

RE: THE CLEAN ENVIRONMENT COMMISSION and the TOWN OF DAUPHIN, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Town of Dauphin submitted an application to The Clean Environment Commission to prescribe limits in connection with the operation of an aerated sewage lagoon system located in the SE $\frac{1}{4}$  of Section 23-25-19 WPM in the Rural Municipality of Dauphin, Manitoba;

AND WHEREAS no representation was made to the said Commission by any person who is, or is likely to be, affected by an Order of the Commission prescribing limits in connection with the said operation;

AND WHEREAS the said Commission considered the application on the 15th day of October, 1974, and issued Order No. 413 on the 20th day of November, 1974;

AND WHEREAS the Applicant submitted a request for variation of Order No. 413 on the 25th day of June, 1976, to provide for longer periods of discharge from the sewage lagoon system;

AND WHEREAS the Commission held a public hearing in Dauphin on the 24th day of November, 1976;

AND WHEREAS the Commission received evidence that the sewage lagoon system does not have adequate hydraulic capacity to provide adequate treatment and retention time for the quantities of sewage being discharged to the said system;

AND WHEREAS the Commission considered the request for variation on the 14th day of February, 1977;

assigned  
to WPC  
770302  
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IT IS HEREBY ORDERED THAT ORDER NO. 413 BE VARIED TO READ AS FOLLOWS:

1. The Applicant shall ensure that the said lagoon system is maintained and operated in such a manner as to:
  - (a) prevent the contamination of groundwater;
  - (b) minimize the release of offensive odours.
  
2. The Applicant shall ensure that the organic loading of the said lagoon system, in terms of 5-day biochemical oxygen demand does not exceed 2500 pounds per day.
  
3. The Applicant shall ensure that, on and after the 1st day of July, 1978, the following limits are met:
  - (a) no discharge of effluent from the said lagoon system takes place during the period between the 1st day of December in any year and the 31st day of March in the following year;
  - (b) no discharge of effluent from the said lagoon system takes place during the period between the 1st day of June and the 30th day of September in the same year;
  - (c) the content and characteristics of the effluent from the said lagoon system, prior to discharge to the Vermillion River, are such that:
    - (i) the biochemical oxygen demand(5-day BOD) does not exceed 30 milligrams per litre;
    - (ii) the suspended solids do not exceed 30 milligrams per litre.
  
4. The Applicant shall on or before the 1st day of January, 1978, submit design plans to the Environmental Management Division for alteration or modification of the existing lagoon system such as to comply with Clause 3 of this Order.

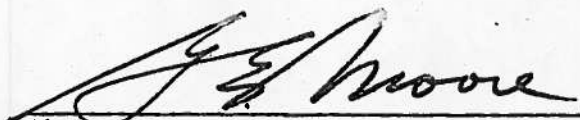
5. During the interim period prior to July 1, 1978 the Applicant shall ensure:
  - (a) that no discharge of effluent from the said lagoon system takes place during the period between the 15th day of December in any year and the 31st day of March of the following year;
  - (b) that no discharge of effluent from the said lagoon takes place during the period between the 15th day of June and the 15th day of September in the same year.
6. The Applicant shall ensure that the effluent from the said lagoon system, when discharged, is continuously chlorinated to assure a residual of not less than 0.5 milligrams of chlorine per litre, after 15 minutes contact.
7. The Applicant shall ensure that any sludge removed from the said lagoon system is subject to disposal in accordance with instructions issued by the Environmental Management Division of the Department of Mines, Resources and Environmental Management.
8. The Applicant shall ensure that samples of the influent and effluent of the said system are extracted from the said sewage lagoon system and submitted in accordance with instructions issued by the said Environmental Management Division.
9. The Applicant shall ensure that the quantity of influent to the said lagoon system is measured and recorded daily.
10. The Applicant shall ensure that samples of the effluent from the said lagoon system are analysed daily, during the periods of discharge, with respect to the amount of residual chlorine content, in accordance with instructions by the said Environmental Management Division.

11. The Applicant shall ensure that the measurements of quantity required by Clause 9 and the records of analysis required by Clause 10 are submitted to the said Environmental Management Division within 30 days of the end of the calendar month in which they were taken or recorded.
  
12. Order No. 413 as varied by the Commission is designated Order No. 413VC.

Order No. 413VC

Dated at the City of Winnipeg

this 24th day of February, 1977.



Chairman,  
The Clean Environment Commission.

C-b-77.1