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

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RE: THE CLEAN ENVIRONMENT COMMISSION and the VILLAGE OF MACGREGOR, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Village of MacGregor filed an application with the department in connection with the operation of a sewage lagoon system located in the SE1/4 of Section 4, Township 12, Range 10 WPM in the Rural Municipality of North Norfolk, with discharge of effluent via road ditches to Beaver Creek;

AND WHEREAS in the absence of limits prescribed by a regulation under the said Act, the application was referred to The Clean Environment Commission to prescribe limits;

AND WHEREAS after giving notice, the Commission issued Order No. 763 on the 19th day of December, 1977, prescribing limits in connection with the said discharge of effluent;

AND WHEREAS on the 16th day of August, 1982, the Applicant submitted a request to the Commission to vary the terms of the order to permit the use of effluent from the said sewage lagoon system for the irrigation of the MacGregor Golf and Country Club golf course;

AND WHEREAS after receiving an environmental report, the Commission held a hearing on the 14th day of March, 1983, to receive evidence and representations concerning the variation request;

AND WHEREAS the Commission considered the variation request on the 18th day of April, 1983;

IT IS HEREBY ORDERED THAT ORDER NO. 763 BE VARIED TO READ AS FOLLOWS

1. The Applicant shall operate and maintain the said sewage lagoon system in such a manner that:
  - (a) the contamination of groundwater is prevented and the disruption of adjacent soil conditions is minimized;
  - (b) the release of offensive odours is minimized;


*Assigned  
 To  
 WPC  
 April 27/83  
 JZ*

1. (c) the organic loading on the primary cell of the said sewage lagoon system, in terms of five day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day.
  
2. There shall be no discharge of effluent from the said sewage lagoon system to Beaver Creek:
  - (a) where the total coliform content of the effluent, as indicated by the MPN index, is in excess of 1500 per 100 millilitres of sample;
  
  - (b) where the organic content of the effluent, in terms of the five day biochemical oxygen demand, is in excess of 30 milligrams per litre of sample;
  
  - (c) between the 1st day of November of any year and the 15th day of May of the following year unless there is an emergency situation necessitating immediate discharge and the Environmental Management Division approves of the discharge and has given its approval in writing, with or without conditions, prior to the discharge;
  
  - (d) when it will cause or contribute to flooding in or along the drainage route to the receiving water course;
  
  - (e) when there is no other flow in Beaver Creek.
  
3. The Applicant shall not discharge effluent from the said sewage lagoon system for the irrigation of the said golf course:
  - (a) unless the said sewage has been subjected to treatment in the said sewage lagoon system with the three cells operated in series;
  
  - (b) unless the said sewage has been retained in the third cell of the said system for not less than 60 days prior to discharge;
  
  - (c) where either
    - (i) the faecal coliform content of the effluent, as indicated by the MPN index, is in excess of 14 per 100 millilitres of sample; or

3. (c) (ii) the effluent contains less than 0.5 milligrams of free chlorine per litre after not less than 30 minutes contact time;
  - (d) when the golf course is in use;
  - (e) when other than low angle spray nozzles are in use in the irrigation system;
  - (f) where, due to spray locations, wind speed or other circumstances, the irrigation spray may be carried onto any public road or onto neighbouring private property;
  - (g) unless permanent signs are installed at all access points to the golf course, having letters not less than 5 centimetres high, advising of the use of treated sewage effluent for irrigation.
4. Order No. 763, as varied by The Clean Environment Commission, is hereby designated as Order No. 763VC.

Order No. 763VC

Dated at the City of Winnipeg  
this 26th day of April, 1983.

  
Chairman,  
The Clean Environment Commission.

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