

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION AND THE LOCAL GOVERNMENT DISTRICT OF PINAWA, Applicant,

- WHEREAS the Local Government District of Pinawa is operating a sewage treatment system consisting of three sewage lagoon cells, under the authority of Order No. 230 dated the 31st day of October, 1972;
- AND WHEREAS from time to time, the said Applicant has found that excessive rainfall causes a supercharging of the sewage collection system to the extent that a substantial number of residences suffer a back-flow of sewage combined with storm water in the basements;
- AND WHEREAS under date of May 14th, 1974, the said Applicant applied for an approval of an emergency overflow of sewage plus storm water to the waters of the Winnipeg River, and at a later date introduced the possible alternative of the overflow being directed to the Pinawa Channel;
- AND WHEREAS a public hearing was convened in Pinawa, Manitoba, on the 2nd day of September, 1975, for the purpose of examining the situation;
- AND WHEREAS the said Commission received a report from the two Commissioners who had conducted the said hearing and considered the matter on the 23rd day of September, 1975, and again on the 14th day of October, 1975;
- AND WHEREAS the said Commission is of the opinion that a 5-year study should be undertaken during which period an overflow of sewage combined with excess precipitation may be allowed either into one or both of the waters of the Winnipeg River and of the Pinawa Channel on the understanding that certain tests would be conducted during the period or periods of emergency overflow;

IT IS HEREBY ORDERED THAT ORDER NO. 230  
BE VARIED TO READ AS FOLLOWS:

1. The Applicant shall ensure that, subject to Clause 3, the existing sewage lagoon system serving the community of Pinawa and situated on parts of Sections 4 and 5, Township 14, Range 12, East of the Principal Meridian is maintained and operated in such a manner as to ensure that:

*Assigned to  
Water Pollution  
- dated 1/15*

*C-6-150.2*

Cont'd . . .

1. (a) the contamination of groundwater is prevented;
  - (b) the release of offensive odours is minimized;
  - (c) the biochemical oxygen demand (BOD<sub>5</sub>) loading on the primary cell of the said sewage lagoon system is not in excess of 50 pounds per acre per day;
  - (d) no discharge of effluent takes place during the period of the 1st day of November in any year and the 15th day of May of the year following without the express permission of the Environmental Management Division of the Department of Mines, Resources and Environmental Management; and
  - (e) the quality of the said effluent is such that:
    - (i) the biochemical oxygen demand (BOD<sub>5</sub>) is not in excess of 30 milligrams per litre, and
    - (ii) the total coliform content (in terms of MPN Index) is not in excess of 1500 per 100 millilitres of sample.
2. The Applicant shall undertake a 5-year assessment program dealing with all aspects of emergency overflow and shall submit a report to the Environmental Management Division of the Department of Mines, Resources and Environmental Management with a copy to the said Commission on or before the 31st day of January of 1976 and subsequently on or before the 31st day of January of each succeeding year on all instances of overflow during the preceding calendar year indicating the dates, times and duration of each instance of overflow with attached records of samples taken and analyzed for biochemical oxygen demand and total and fecal coliform content.
3. Under periods of excessive precipitation as determined by the said Applicant, excess sewage over and above the capacity of the sewage collection system as diluted with storm water may be discharged directly to the waters of either or both the Winnipeg River and the Pinawa Channel subject to the following:

Cont'd . . .

- 3. (a) the said Applicant shall record the dates, times and duration of each instance of sewage overflow;
- (b) the said Applicant shall take samples of the overflow liquid during each period of overflow sufficient to determine the average biochemical oxygen demand and the average total and fecal coliform content; and
- (c) the said Applicant shall submit to the said Environmental Management Division:
  - (i) the records required under subclause (a) within 15 days of the end of the month in which any period or periods of overflow took place; and
  - (ii) the samples of overflow liquid within 48 hours or as arranged with the said Environmental Management Division.

IT IS HEREBY FURTHER ORDERED THAT


RESCINDED

The Order dated the 31st day of October, 1972, is hereby varied and hereafter referred to as Order No. 230VC.

Order No. 230VC

Dated at the City of Winnipeg

this 30 day of OCTOBER, 1975

  
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 Chairman,  
 Clean Environment Commission.