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

RE: THE CLEAN ENVIRONMENT COMMISSION and the LOCAL GOVERNMENT DISTRICT OF CHURCHILL, Applicant;

- WHEREAS pursuant to the provisions of The Clean Environment Act, on the 23rd day of December, 1969, the Local Government District of Churchill submitted an application to the Commission to prescribe limits for the discharge of sewage effluent from the sewage collection system serving the townsite of Churchill, Local Government District of Churchill, Manitoba, to the Churchill River;
- AND WHEREAS on the 18th day of December, 1970, the Commission issued Ordinary Licence No. 69 permitting the discharge of contaminants provided the licensee would submit to the Commission for its approval a proposal for a sewage treatment plant;
- AND WHEREAS on the 21st day of January, 1972, W. L. Wardrop & Associates Ltd., submitted an application to the Commission on behalf of the Local Government District of Churchill to prescribe limits in connection with the operation of a sewage treatment plant to be located on part of Parcel D, Plan 6091, at Churchill in the Local Government District of Churchill, Manitoba, with discharge of effluent to the Churchill River;
- AND WHEREAS on the 17th day of October, 1972, the Commission issued Ordinary Licence No. 212 prescribing limits, terms and conditions in connection with the said operation;
- AND WHEREAS Ordinary Licence No. 212 terminated on the 17th day of October, 1977;
- AND WHEREAS the Local Government District of Churchill filed a proposal with the Department of Consumer and Corporate Affairs and Environment on the 6th day of April, 1978, in connection with the continued operation of the said sewage treatment plant;
- AND WHEREAS in the absence of a regulation issued under the said Act prescribing limits, terms and conditions, the proposal was referred to the Commission for the prescribing of limits, terms and conditions;
- AND WHEREAS the Commission was advised the said operation, as is normal for a continuously discharging sewage treatment plant, can be expected to discharge an unacceptably high concentration of bacterial contamination unless the effluent is subject to disinfection prior to its release to the receiving waters;

Assigned
To
W.B.C.
Aug 21/81
J.

AND WHEREAS after giving notice, the Commission did not receive a representation from any person who is likely to be affected by an order of the Commission issued in connection with the said operation;

AND WHEREAS the Commission considered the proposal on the 17th day of August, 1981;

IT IS HEREBY ORDERED THAT

1. The Applicant shall operate and maintain the said sewage treatment plant in such a manner that:
 - (a) there is no contamination of groundwater;
 - (b) the release of offensive odours is minimized.
2. The Applicant shall not discharge effluent from the said sewage treatment plant where the organic content of the effluent, in terms of the five-day biochemical oxygen demand, exceeds 30 milligrams per litre.
3. The Applicant shall not discharge effluent from the said sewage treatment plant where the non-filterable residue of the effluent exceeds 30 milligrams per litre.
4. The Applicant shall not discharge effluent from the said sewage treatment plant where the fecal coliform content of the effluent, as determined by the MPN index, exceeds 200 per 100 millilitres of sample.
5. The Applicant shall monitor the chlorination process of the said sewage treatment plant using the DPD method* or equivalent and shall record the results of the said monitoring on a form similar to that attached as Appendix "A" to this order.
6. The Applicant shall discharge only domestic sewage to the said sewage treatment plant unless provisions acceptable to the Commission are made for the treatment of non-domestic wastes.
7. The Applicant shall arrange for the continuous measurement of the rate of effluent flow from the said sewage treatment plant using a method which will provide an error of measurement not greater than 5% of the total daily flow, record the said effluent flow on a daily basis and submit the record to the Environmental Management Division of the said Department upon request.

