

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

RE: THE CLEAN ENVIRONMENT COMMISSION and THE DEPARTMENT OF GOVERNMENT SERVICES, Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, the Department of Government Services filed a proposal with the department in connection with the operation of a sewage lagoon system located in Section 27, Township 13, Range 14 EPM in Whiteshell Provincial Park in Manitoba; serving the Bannock Point Rehabilitation Camp, with discharge of effluent to the Whiteshell River;

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 who was likely to be affected;

AND WHEREAS the Commission considered the proposal on the 26th day of June, 1987;

IT IS HEREBY ORDERED THAT

1. The Applicant shall direct all sewage generated within Bannock Point Rehabilitation Camp 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;

2. (b) the faecal coliform content of the effluent, as indicated by the MPN Index, is in excess of 200 per 100 millilitres of sample;
- (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
 - (a) between the 1st day of November of any year and the 1st day of June of the following year;
 - (b) between the 15th day of June and the 15th day of October of any 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, prior to the construction of dykes for the expansion of said sewage lagoon system
 - (a) remove all organic topsoil from the area where the dykes are to be constructed; or
 - (b) remove all organic material for a depth of 0.3 metres and a width of 3.0 metres from the area where the dyke are to be built, provided all the dykes are lined with clay or other suitable material as required by clause 7, to a minimum thickness of one metre measured perpendicular to the interior face of the dyke.
7. The Applicant shall construct the expansion of the said sewage lagoon system with clay or other suitable material such that all interior surfaces are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of 1×10^{-7} centimetres per second or less.
8. The Applicant shall notify the Environmental Management Division two weeks prior to the completion of construction of the said sewage lagoon system.
9. The Applicant shall either:
 - (a) subject undisturbed soil samples from the completed lagoon to hydraulic conductivity tests, the number and location of said samples to be as specified by a representative of the division up to a maximum of twenty samples; or
 - (b) where undisturbed soil samples cannot be taken, test the soil of 4 plane surfaces of the said sewage lagoon system for hydraulic conductivity in a manner prescribed by the said Division by an insitu field test method as prescribed by an officer of the Division.

10. 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 9.

11. On and after the 1st day of September, 1988, the Applicant shall not discharge effluent from the said sewage lagoon system to the Whiteshell River at any point upstream of the water supply intake serving the said Bannock Point Rehabilitation Camp.

Order No. 1119

Dated at the City of Winnipeg

this 2nd day of July, 1987.



Chairman,
The Clean Environment Commission.

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