BINDER COPY

AN ORDER OF THE CLEAN ENVIRONMENT COMMISSION

UNDER THE CLEAN ENVIRONMENT ACT

RE: THE CLEAN ENVIRONMENT COMMISSION and FORALL CAMP GROUND LTD., Applicant,

WHEREAS pursuant to the provisions of The Clean Environment Act, Forall Camp Ground Ltd. filed a proposal with the Department of Consumer and Corporate Affairs and Environment in connection with the operation of a sewage treatment system, with facilities including settling tanks and an aerated sewage lagoon, located in Legal Subdivision 3, Plan 2424, North of Netley Creek (except for road plan 641, which is now closed) in the SW¼ of Section 24, Township 15, Range 4 EPM in the Rural Municipality of St. Andrews, Manitoba, with discharge of treated effluent via a swamp to Netley Creek;

AND WHEREAS in the absence of limits, terms and conditions prescribed by a regulation under the said Act, the proposal was referred to The Clean Environment Commission for the prescribing of limits, terms and conditions;

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 prescribing limits, terms and conditions in connection with the said operation;

AND WHEREAS the Commission considered the proposal on the 16th day of February, 1981, the 16th day of March, 1981, and on the 27th day of April, 1981;

IT IS HEREBY ORDERED THAT

1. The Applicant shall maintain and operate the said sewage treatment system in such a manner that:

   (a) there is no contamination of groundwater;

   (b) the release of offensive odours is minimized; and

   (c) only domestic sewage is discharged to the said system unless provisions acceptable to the Environmental Management Division of the said Department are made for the treatment of the non-domestic wastes proposed to be so discharged.

Assigned to Water Pollution Control May 15/81

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2. The Applicant shall not discharge effluent from the said sewage treatment system where

   (a) the organic content of the effluent, in terms of the five-day biochemical oxygen demand, is in excess of 30 milligrams per litre;

   (b) the non-filterable residue of the effluent is in excess of 30 milligrams per litre;

   (c) the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample.

3. The Applicant shall not discharge effluent from the said sewage treatment system between the 1st day of January and the 15th day of June of any year.

4. The Applicant shall, prior to removing and disposing of any sludge from the said sewage treatment system, file a proposal respecting the said removal and disposal with the Environmental Management Division pursuant to the provisions of Section 14(1) of The Clean Environment Act.

5. The Applicant shall monitor the disinfection process of the sewage treatment facility using the DPD* Method or equivalent and shall record the results of said monitoring on a monthly chlorination record form as attached as Appendix "A" to this order, or equivalent, and submit the said monitoring records to the Environmental Management Division.

6. The Applicant shall, in connection with the construction, maintenance, and operation of the said aerated sewage lagoon:

   (a) prior to dyke construction,

      (i) remove all organic topsoil from the area where the dyke will be constructed, or

      (ii) remove all the organic material for a depth of 0.3 metres and a width of 3.0 metres from the area where the dyke will be built; provided all the lagoon dykes are to be lined with clay or other suitable material as required in clause (b), to a minimum thickness of one metre measured perpendicular to the face of the sidewall;

6. (b) construct the lagoon cell with clay or other suitable material such that all interior surfaces of the lagoon are underlain with a minimum of one metre of soil, having a hydraulic conductivity of 10^{-7} centimetres per second or less;

(c) notify the Environmental Management Division two weeks prior to completion of the lagoon construction;

(d) (i) take undisturbed soil samples as prescribed by the staff of the Environmental Management Division and ensure the said samples are analyzed by a laboratory approved by the said Division. A minimum of two samples shall be taken from each plane surface of the completed lagoon cell and analyzed for hydraulic conductivity by a method acceptable to the Division; or

(ii) the hydraulic conductivity shall be determined by an *in situ* field test method approved by the Division. Each plane surface of the completed lagoon cell shall be tested as prescribed by the staff of the said Division;

(e) submit the laboratory or field test results as determined pursuant to clause (d) to the Environmental Management Division in time to ensure delivery two weeks prior to the sewage lagoon system being placed into operation.

Order No. 916

Dated at the City of Winnipeg
this 13th day of May, 1981.

Chairman,
The Clean Environment Commission.

* N,N - diethyl-p-phenylenedieme

File: 1044.0

The Clean Environment Commission
Appendix "A" to Order No
Issued the day of , 1981.

S 135.

MONTHLY CHLORINATION RECORD – SEWAGE EFFLUENT

PLANT _____ OPERATOR _____

MONTH OF _____ 19 _____

Sampling Location	Date and Time	Chlorine Residual mg/ℓ		Daily Sewage Flow Imp. Gals.
		Free	Total	

Sampling Location	Date and Time	Chlorine Residual mg/ℓ		Daily Sewage Flow Imp. Gals.
		Free	Total	

FORWARD ONE COPY TO:

Manitoba Department of Mines,
Resources and Environmental Management
Environmental Control Branch
Box 7, Building 2, 139 Tuxedo Avenue
Winnipeg, Manitoba R3C 0V8

KEEP ONE COPY FOR YOUR RECORDS.

SUMMARY

TOTAL CHLORINE:
No. of tests: _____
High: _____ mg/ℓ
Low: _____ mg/ℓ
Average: _____ mg/ℓ

FREE CHLORINE:
No. of tests: _____
High: _____ mg/ℓ
Low: _____ mg/ℓ
Average: _____ mg/ℓ

SEWAGE:
Max. Day _____ Imp. Gals.
Min. Day _____ Imp. Gals.
Average Day _____ Imp. Gals.
Monthly Flow _____ Imp. Gals.