

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1210  
Issue Date AUGUST 2, 1988

In accordance with the Manitoba Environment Act (C.C.S.M. c. E125)

THIS LICENCE IS ISSUED TO:

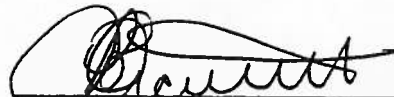
**KEASCHELL PARKS LTD.  
(PINE RIDGE VILLAGE TRAILER PARK)**

The following limits, terms and conditions shall be complied with in connection with the operation of a wastewater collection system and a wastewater treatment lagoon located on Lots 271 to 280 in the Parish of St. Andrews; in the Rural Municipality of St. Clements, Manitoba, with discharge of effluent to a highway ditch on P.T.H. No. 59 and thence to the Red River Floodway:

1. The applicant shall ensure that all sewage generated within the trailer park is directed toward the said wastewater treatment lagoon.
2. The applicant shall not discharge effluent from the said wastewater treatment lagoon:
  - (a) where the organic content of the effluent, as indicated by the five day biochemical oxygen demand, is in excess of 30 milligrams per litre;
  - (b) where the fecal coliform content of the effluent, as indicated by the MPN index, is in excess of 200 per 100 millilitres of sample;
  - (c) where the total coliform content of the effluent, as indicated by the MPN index, is in excess of 1500 per 100 millilitres of sample;
  - (d) during the period from the 1st day of November of any year to the 15th day of May of the following year unless prior approval is given by the Director;
3. The applicant shall construct, operate and maintain the said wastewater treatment lagoon in such a manner that:
  - (a) the release of offensive odours is minimized;

- (b) the organic loading on the primary cell of the sewage lagoon system, as indicated by the five day biochemical oxygen demand, is not in excess of 56 kilograms per hectare per day;
  - (c) the depth of sewage in the primary cell does not exceed 1.5 metres; and
  - (d) the contamination of groundwater is prevented.
4. The applicant shall, in case of physical or mechanical breakdown of the wastewater collection and/or treatment system:
- (a) notify the Director immediately;
  - (b) identify the repairs required to the wastewater collection and/or treatment system;
  - (c) complete the repairs in accordance with the written instructions of the Director.
5. The applicant shall ensure that:
- (a) effluent is not discharged when flooding from any cause is occurring along the drainage route; and,
  - (b) effluent is not discharged when it will cause or contribute to flooding in or along the drainage route;
  - (c) the discharge route to the Red River Floodway is maintained in such a manner as to minimize the formation of stagnant pools and to prevent overflow of effluent onto the property of others.
6. The applicant shall prior to the construction of additional dykes for any alteration or expansion to the wastewater treatment lagoon system:
- (a) remove all organic topsoil from the area where the dykes will 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 will be built, provided all the lagoon 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 face of the side wall.

7. The applicant shall construct any alteration or expansion to the wastewater treatment lagoon system with clay or other suitable material such that all interior surfaces of the said expansion to the system are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.
8. The applicant shall either:
  - (a) subject undisturbed soil samples from the completed expansion to the wastewater treatment lagoon to hydraulic conductivity tests, the number and location of said samples to be specified by an Environment Officer 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 wastewater treatment lagoon system for hydraulic conductivity by an insitu field test method as prescribed by an Environment Officer.
9. The applicant shall, not less than 2 weeks before the said expansion to the wastewater treatment lagoon system is placed in operation, submit to the Director the results of the tests carried out pursuant to Clause 8.
10. The applicant shall, install a fence around the wastewater lagoon facility to limit access by the public.
11. Licence No 43VC is hereby replaced by this Licence No 1210.



C.B. Orcutt  
Director  
Environmental Control Services