

# Environment Act Licence

Manitoba  
Environment and  
Workplace Safety  
and Health



Licence No. 1293  
Issue Date August 4, 1989

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

THIS LICENCE IS ISSUED TO:


**TOWN OF SOURIS; APPLICANT**

The following limits, terms, and conditions shall be complied with in connection with the operation of chemical sludge dewatering ponds located on the NW 1/4 of Section 34 Township 7 Range 21 W.P.M. and with liquid discharge to the Souris River:

1. The Applicant shall within 24 months of the issuance of this Licence, construct the sludge dewatering ponds and provide treatment to the wastewater such that there is no discharge of effluent from the treatment facility where the suspended material, as indicated by the non-filterable residue content, is in excess of 30 milligrams per litre.
2. The Applicant shall ensure that waste sludge from the dewatering ponds is disposed of in a manner approved by the Director.
3. The Applicant shall ensure that the dewatering ponds are constructed with clay or other suitable material such that all interior surfaces of the dewatering ponds are underlain with a minimum of 1 metre of soil having a hydraulic conductivity of  $1 \times 10^{-7}$  centimetres per second or less.
4. The Applicant shall notify the designated Environment Officer two weeks prior to the completion of construction of the dewatering ponds.
5. The Applicant shall arrange with the designated Environment Officer a mutually acceptable time and date for any required soil sampling between the 15th day of May and the 1st day of November of any year, unless prior approval, by the Director, is given.

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6. The Applicant shall either:
- (a) subject undisturbed soil samples from the completed dewatering pond cells to hydraulic conductivity tests, the number and location of said samples to be specified by the designated Environment Officer up to a maximum of twenty samples; or
  - (b) where undisturbed soil samples cannot be taken, test the soil of 2 plane surfaces of each pond cell for hydraulic conductivity by an in situ field test method acceptable to the said Division at locations specified by the designated Environment Officer.
7. The Applicant shall, not less than 2 weeks before the dewatering ponds are placed in operation, submit to the Director the results of the tests carried out pursuant to Clause 6.
8. The Applicant shall, in case of physical or mechanical breakdown of the dewatering system:
- (a) notify the Director immediately;
  - (b) identify the repairs required;
  - (c) complete the repairs in accordance with the written instructions of the Director.

  
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**C.B. Orcutt**  
**Director**  
**Environmental Control Services**

**FILE: 1673.0**