

Licence No.: 2221

Licence Issued: September 24, 1996

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

THIS LICENCE IS ISSUED TO:

TOWN OF GRANDVIEW; "the Licencee"

for the construction and operation of the Development being a temporary dewatering cell with the removal of sludge solids from a wastewater treatment lagoon located in the south half of Section 25, Township 25, Range 24 WPM and the disposal of sludge solids at a waste disposal ground located in the southeast quarter of Section 31, Township 25, Range 23 WPM, in accordance with the Proposal filed under The Environment Act on June 19, 1996 and revisions received on August 15, 1996, and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence,

"affected area" means a geographical area affected by an odour nuisance;

"dewatering cell" means a structure used to contain wastewater while the sludge solids separate from the supernatant;

"Director" means an employee so designated pursuant to The Environment Act;

"effluent" means treated wastewater flowing or pumped out of the wastewater treatment facility;

"odour nuisance" means a continuous or repeated odour, smell or aroma, in an affected area, which is offensive, obnoxious, troublesome, annoying, unpleasant, or disagreeable to a person:

- a. residing in the affected area;
- b. working in the affected area; or
- c. present at a location in the affected area which is normally open to the members of the public;

if the odour, smell or aroma

- d. is the subject of at least 5 written complaints in a form satisfactory to the Director and from 5 different persons falling within clauses (a), (b) or (c), and who do not live in the same household, received by the Director within a 90 day period; or
- e. is the subject of at least one written complaint in a form satisfactory to the Director from a person falling within clauses (a), (b) or (c) and the Director is of the opinion that if the odour, smell or aroma had occurred in a more densely populated area there would have been at least 5 written complaints from 5 different persons who do not live in the same household within a 90 day period;

"sludge solids" means solids in sludge;

"sludge" means accumulated solid material containing large amounts of entrained water, which has separated from wastewater during processing;

"supernatant" means the liquid remaining above the sludge solids after sedimentation;

"waste disposal ground" means an area of land designated by a person, municipality, provincial government agency, or crown corporation for the disposal of waste and approved for use in accordance with Manitoba Regulation 150/91; and

"wastewater treatment lagoon" means an impoundment into which wastewater is discharged for storage and treatment by natural oxidation.

GENERAL REQUIREMENTS

1. The Licencee shall maintain and operate the temporary dewatering cell in such a manner as to prevent the contamination of groundwater and surface waters.
2. The Licencee shall ensure that the cell of the wastewater treatment lagoon from which sludge solids are to be removed is isolated from the rest of the wastewater treatment system while the sludge solids are being mixed or removed from the cell.
3. The Licencee shall ensure that sludge solids are transported in containers in such a manner to prevent loss of sludge solids to the satisfaction of an Environment Officer.
4. The Licencee shall, in the case of physical or mechanical breakdown of the sludge treatment, handling, and transportation systems:
 - a. notify the Director immediately;
 - b. identify the repairs required; and
 - c. complete the repairs in accordance with the written instructions of the Director.
5. The Licencee shall not construct, alter or operate the Development, or permit the Development to be constructed, altered or operated, in a way which causes or results in an odour nuisance, and shall take steps as the Director may require to eliminate or mitigate an odour nuisance.

DISCHARGE LIMITS, TERMS AND CONDITIONS

6. The Licencee shall, after placing the sludge in the temporary dewatering cell, remove all the supernatant from the sludge and return the supernatant to the wastewater treatment lagoon, so that only sludge solids remain.
7. The Licencee shall, within 270 days of removing the supernatant, transfer all the sludge solids from the temporary dewatering cell to a waste disposal ground.
8. The Licencee shall ensure that the sludge solids are disposed of at a waste disposal ground, operating under a permit issued in accordance with Manitoba Regulation 150/91.
9. The Licencee shall, within 48 hours of depositing the sludge solids at the waste disposal ground:
 - a. incorporate the sludge solids into the topsoil covering the waste disposal ground to a minimum depth of 15 centimetres; or
 - b. cover the sludge solids deposited at the waste disposal ground with soil to a minimum depth of 15 centimetres.

CONSTRUCTION SPECIFICATIONS

10. The Licencee shall ensure that the temporary dewatering cell is constructed with compacted clay berms and is operated in a manner that sludge and supernatant do not leak out of the cell.
11. The Licencee shall, prior to the 1st day of October, 1997, ensure that all temporary works are removed from the wastewater treatment lagoon site and the site is returned to its original state.

TERMINATION

12. This Licence shall terminate on the 1st day of October, 1998.

REVIEW AND REVOCATION

13. If in the opinion of the Director, the Licencee has exceeded or is exceeding or has or is failing to meet the specifications, limits, terms, or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.

"original signed by"

Larry Strachan, P. Eng.
Director
Environment Act

Client File No.: 4198.00