

# Environment Act Licence

Manitoba  
Environment



Licence No. 1791  
Issue Date APRIL 19, 1994

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

THIS LICENCE IS ISSUED TO:

**Ulrike Margarethe Elisabeth Hellmuth: "the Licencee"**

for the construction and operation of the Development being a sewage treatment plant located on Parcel E, Plan 27545 WLTO in RL 156 to 158 Parish of St. Norbert and subject to the following specifications, limits, terms and conditions:

## DEFINITIONS

In this Licence,

"**Director**" means an employee designated pursuant to the Environment Act;

"**effluent**" means treated wastewater flowing or pumped out of the sewage treatment system;

"**five-day biochemical oxygen demand**" means that part of the oxygen demand usually associated with biochemical oxidation of organic matter within 5 days at a temperature of 20°C;

"**MPN Index**" means the most probable number of coliform organisms in a given volume of wastewater which, in accordance with statistical theory, would yield the observed test result with the greatest frequency;

"**sewage treatment system**" means the sewage treatment plant and disinfection system.

## GENERAL SPECIFICATIONS

1. The Licencee shall ensure that all sewage generated at the above-noted property is directed towards the sewage treatment plant or treated at other facilities licensed under The Environment Act.
2. The Licencee shall dispose of the waste solids and sewage sludge at a facility operated in accordance with the requirements of The Environment Act and Regulations thereunder.

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3. The Licencee shall ensure that the sewage treatment plant is not located within a distance of 10 metres from the dwelling of any neighboring resident.
4. The Licencee shall:
  - (a) enter into and maintain a contract with a qualified contractor for service to the sewage treatment plant at intervals not to exceed three months; and
  - (b) submit copies of all service records to the Director forthwith upon any servicing to the sewage treatment plant being completed.
5. The Licencee 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; and
  - (c) complete the repairs in accordance with written instructions of the Director.

#### **LIMITS, TERMS AND CONDITIONS (RESTRICTIONS)**

6. The Licencee shall ensure that the volumetric sewage load to the sewage treatment plant does not exceed 2.0 cubic metres per day.
7. The Licencee shall ensure that the organic sewage load to the sewage treatment plant does not exceed 0.4 kilograms five-day biochemical oxygen demand per day.
8. The Licencee shall not discharge effluent from the sewage treatment system, where:
  - (a) the organic content of the sewage effluent, as indicated by the five day biochemical oxygen demand, is in excess of 30 milligrams per litre;
  - (b) the suspended matter content of the sewage effluent, as indicated by the non-filterable residue, 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; or
  - (d) the total coliform content of the effluent, as indicated by the MPN index, is in excess of 1500 per 100 millilitres of sample.

#### **MONITORING SPECIFICATIONS**

9. The Licencee shall ensure that the sewage treatment plant is accessible to the staff of Manitoba Environment for inspection and monitoring purposes.

10. The Licencee shall provide:
- (a) a means of direct access to the effluent at a location near the discharge from the disinfection chamber; and
  - (b) an electrical power source of 15 amperes at 110 volts
- for the staff of Manitoba Environment to collect samples of the treated effluent.
11. The Licencee shall monitor the disinfection process of the sewage treatment system by submitting, a minimum of three separate samples, collected from a single discharge event and at a frequency of at least one discharge event per month, for total and fecal coliform analysis in accordance with the latest version of Standard Methods For The Examination of Water And Wastewater or an alternate method approved by the Director.
12. The Licencee shall submit the results, in writing, to the Director for each month within 15 days of receipt of the results for the month, or at an alternate frequency approved by the Director.
13. The Licencee shall, where the monitoring of the disinfection process prescribed in Clause 11 indicates that the fecal coliform content or total coliform content exceed the content prescribed in Clause 8(c) or 8(d) respectively:
- (a) notify the Director immediately;
  - (b) identify the repairs or alterations required to the sewage collection and/or treatment system;
  - (c) complete the repairs or alterations in accordance with written instructions of the Director.

#### REVIEW OR REVOCATION

14. This Licence may be reviewed by the Director upon two months written notice to the Licencee, to determine if any amendments to the Licence are appropriate.
15. If in the opinion of the Director the Licencee has exceeded or is exceeding the specifications, limits, terms, or conditions set out herein, the Director may revoke, temporarily or permanently, this Licence.



Larry Strachan, P. Eng.  
Director, Environment Act