

# Environment Act Licence

# Loi sur l'environnement Licence

Manitoba  
Conservation  
Conservation  
Manitoba



Licence No./Licence n° 2743  
Issue Date/Date de délivrance November 17, 2006

**IN ACCORDANCE WITH THE MANITOBA ENVIRONMENT ACT (C.C.S.M. c. E125)  
THIS LICENCE IS ISSUED PURSUANT TO SECTION 10(1) TO:**

**RURAL MUNICIPALITY OF WHITEHEAD; "the Licencee"**

for the construction and operation of the Development being a water treatment system with a well in SE 21-10-21W and a reverse osmosis water treatment plant located in the community of Alexander in SE 17-10-21W, with the discharge of reject water through a drainage ditch to a natural drain in NW 9-10-21W, in accordance with the Proposal filed under The Environment Act dated October 12, 2005 and addition information dated November 18, 2005 and October 26, 2006, and subject to the following specifications, limits, terms and conditions:

**DEFINITIONS**

In this Licence,

**"accredited laboratory"** means an analytical facility accredited by the Standard Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Conservation to be equivalent to the SCC, or be able to demonstrate, upon request, that it has the quality assurance/quality control (QA/QC) procedures in place equivalent to accreditation based on the international standard ISO/IEC 17025, or otherwise approved by the Director; and

**"as constructed drawings"** means engineering drawings complete with all dimensions which indicate all features of the Development as it has actually been built.

**\*\*A COPY OF THE LICENCE MUST BE KEPT ON SITE AT THE DEVELOPMENT AT ALL TIMES\*\***

### **GENERAL TERMS AND CONDITIONS**

This Section of the Licence contains requirements intended to provide guidance to the Licencee in implementing practices to ensure that the environment is maintained in such a manner as to sustain a high quality of life, including social and economic development, recreation and leisure for present and future Manitobans.

1. The Licencee shall, in addition to any of the following specifications, limits, terms and conditions specified in this Licence, upon the request of the Director:
  - (a) sample, monitor, analyse or investigate specific areas of concern regarding any segment, component or aspect of pollutant storage, containment, treatment, handling, disposal or emission systems, for such duration and at such frequencies as may be specified;
  - (b) determine the environmental impact associated with the release of any pollutants from the Development;
  - (c) conduct specific investigations in response to the data gathered during environmental monitoring programs; or
  - (d) provide the Director, within such time as may be specified, with such reports, drawings, specifications, analytical data, flow rate measurements and such other information as may from time to time be requested.
2. The Licencee shall design, construct and operate the water treatment and supply system in accordance with Manitoba Regulations under The Public Health Act and all operating requirements as recommended by Manitoba Conservation and Manitoba Water Stewardship.
3. The Licencee shall properly train or qualify individuals to carry out the operation of the Development.
4. The Licencee shall collect and dispose of all used oil products and other regulated hazardous wastes generated by the machinery used in the construction and operation of the Development in accordance with applicable Manitoba Conservation and legislation requirements.
5. The Licencee shall revegetate soil exposed during the construction of the Development with native or introduced grasses or legumes. Native species shall be used to revegetate areas where native species existed prior to construction. Revegetation is not required for pipelines installed by chain trenching or ploughing on previously disturbed ground including road allowances.

6. The Licencee shall not alter local drainage patterns by the construction of the Development, including inflows and outflows from small wetlands adjacent to the route of pipelines.
7. The Licencee shall not permit the interconnection of a private water supply system with the Development.
8. The Licencee shall maintain the water supply well associated with the Development to prevent the contamination of groundwater by surface water:
  - (a) entering the well casing through the top of the casing;
  - (b) entering the well casing through the sides of the casing; and
  - (c) seeping down the outside of the casing to the groundwater.
9. The Licencee shall:
  - (a) prepare as constructed drawings for the Development and shall label the drawings "As Constructed"; and
  - (b) provide to the Director, within three months of the date of this Licence, two sets of as constructed drawings.

#### **SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS**

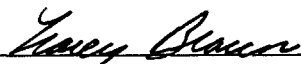
10. The Licencee shall, during construction of the Development, dispose of non-reusable construction debris at a waste disposal ground operating under the authority of a permit issued under *Manitoba Regulation 150/91* respecting *Waste Disposal Grounds* or any future amendment thereof, or a Licence issued pursuant to The Environment Act.
11. The Licencee shall not release chlorinated water from pipeline testing and startup activities associated with the Development to a surface water body until chlorine level concentrations are equal to or less than 0.1 milligrams per litre. Releases of chlorinated water at higher concentrations may be made to vegetated land or dry waterways, provided that chlorine level concentrations have decayed to 0.1 milligrams per litre or less before the released water reaches any body of surface water.
12. The Licencee shall, during construction and operation of the Development,
  - (a) immediately report any reportable spills to Manitoba Conservation's Accident Reporting Line at (204) 944-4888; and
  - (b) provide a follow-up report to the Director on a reportable environmental accident outlining the cause(s) and proposing corrective action to prevent reoccurrence.

13. The Licencee shall, at all times during the construction of the Development, maintain materials to contain and recover spills of fuel and other fluids associated with construction machinery at construction sites.
14. The Licencee shall establish fuel storage and equipment servicing areas for the construction and operation of the Development:
  - (a) a minimum distance of 100 metres from any waterbody; and
  - (b) in compliance with the requirements of *Manitoba Regulation 188/2001* respecting *Storage and Handling of Petroleum Products and Allied Products*, or any future amendment thereof.
15. The Licencee shall conduct an effluent monitoring program as described in Clauses 16 to 19 of this Licence, for a period of two years commencing with the operation of the Development. Following this period, the duration of the monitoring program may be extended by the Director if the results, in the opinion of the Director, indicate that a longer monitoring period is appropriate.
16. The Licencee shall, on a quarterly basis for the duration of the effluent monitoring program, collect grab samples at locations approved by the Director in the wastewater stream within the water treatment plant and in the effluent receiving drain at its confluence with the Alexander Griswold Marsh.
17. The Licencee shall transport the grab samples collected pursuant to Clause 16 of this Licence, to an accredited laboratory for analysis. The samples shall be stored and transported in accordance with procedures specified by Manitoba Water Stewardship to ensure that the samples are suitable for analysis.
18. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 16 of this Licence, analysed for the following parameters:
  - (a) pH;
  - (b) sodium;
  - (c) iron;
  - (d) manganese;
  - (e) sulphate;
  - (f) hardness as CaCO<sub>3</sub>; and
  - (g) total dissolved solids.
19. The Licencee shall, not more than 30 days after the results of each quarterly analysis are available, submit the results to the Director.

20. The Licencee shall, during the operation of the Development:
- (a) monitor water accumulation in the effluent receiving drain downstream of the effluent discharge point; and
  - (b) take reasonable action as may be necessary to prevent flooding due to water accumulation from the operation of the Development on land along the effluent receiving drain downstream of the effluent discharge point which is not controlled by the Licencee.
21. The Licencee shall, each winter during the operation of the Development:
- (a) monitor ice accumulation in the effluent receiving drain downstream of the effluent discharge point; and
  - (c) remove or break accumulated ice deposits resulting from the operation of the Development, or take other reasonable action as may be necessary, to prevent flooding due to ice accumulation from the operation of the Development on land downstream of the effluent discharge point which is not controlled by the Licencee.
22. The Licencee shall actively participate in any future watershed based management study, approved by the Director, for the Assiniboine River or its tributaries in the area.

#### **REVIEW AND REVOCATION**

- A. 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 in this Licence, the Director may, temporarily or permanently, revoke this Licence.
- B. If construction of the development has not commenced within three years of the date of this Licence, the Licence is revoked.
- C. If, in the opinion of the Director, new evidence warrants a change in the specifications, limits, terms or conditions of this Licence, the Director may require the filing of a new proposal pursuant to Section 10 of The Environment Act.

  
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Tracey Braun, M. Sc.  
Director  
Environment Act