



Conservation

Climate Change and Environmental Protection Division
Environmental Assessment and Licensing Branch
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5
T 204 945-7100 F 204 945-5229
www.gov.mb.ca/conservation/eal

Ms. Alexis Gardiner, C.A.O.
Rural Municipality of Louise
Box 310
Crystal City MB R0K 0N0

December 22, 2010

Dear Ms. Gardiner:

Re: R.M. of Louise - Clearwater Water Treatment Plant Process Upgrades - File: 4442.00

This is in response to a letter from Travis Parsons of the Manitoba Water Services Board of December 7, 2010 concerning a requested alteration to Environment Act Licence No. 2410. The alteration is requested in connection with the construction of a reverse osmosis water treatment plant with treated water storage near the existing treatment plant, and the decommissioning of the existing manganese greensand treatment system. Reject water from the new plant would be discharged to Cypress Creek using the existing water treatment plant backwash discharge pipeline.

We have reviewed the projected environmental effects of the requested alteration and determined them to be insignificant. In accordance with Section 14(2) of the Environment Act, the requested alteration is hereby approved. Environment Act Licence No. 2410 R is enclosed, incorporating the requested alteration, and rescinding Environment Act Licence No. 2410.

In addition to the enclosed Licence requirements, please be informed that all other applicable federal, provincial and municipal regulations and by-laws must be complied with.

For further information on the administration and application of the Licence, please feel free to contact Raymond Reichelt, Environment Officer at (204) 239-3608.

Pursuant to Section 27 of the Environment Act, this licensing decision may be appealed by any person who is affected by the issuance of this Licence to the Minister of Conservation within 30 days of the date of the Licence.

Yours truly,

Tracey Braun, M.Sc.
Director
Environment Act

Enc.

- c. Travis Parsons, Manitoba Water Services Board/ Don Labossiere, Environmental Operations Branch/
Raymond Reichelt, Environmental Operations Branch, Portage la Prairie/ Kim Barlishen, Office of Drinking
Water, Winnipeg

NOTE: Confirmation of Receipt of this Licence No. 2410 R (*by the Licensee only*) is required by the Director of Environmental Assessment and Licensing. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department by January 11, 2011.

On behalf of the R.M. of Louise/Community of Clearwater

Date

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

LICENCE

Licence No. / Licence n° 2410 R

Issue Date / Date de délivrance December 22, 2010

In accordance with The Environment Act (C.C.S.M. c. E125) /
Conformément à la Loi sur l'environnement (C.P.L.M. c. E125)

Pursuant to Section 10(1) and 14(2)/ Conformément au Paragraphe 10(1) et 14(2)

THIS LICENCE IS ISSUED TO : / CETTE LICENCE EST DONNÉE À :

RURAL MUNICIPALITY OF LOUISE; "the Licencee"

for the construction and operation of the Development being a water supply and treatment system located in the community of Clearwater, consisting of a well adjacent to Cypress Creek and a reverse osmosis treatment system with the discharge of reject water to Cypress Creek, in accordance with the Proposal filed under The Environment Act dated May 25, 1999 and additional information dated December 7, 2010, 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;

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

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.

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

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 supply and treatment system in accordance with Manitoba Regulations under the Public Health Act and the Drinking Water Safety Act and all operating requirements as recommended by Manitoba Water Stewardship.
3. 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.
4. The Licencee shall not permit the interconnection of a private water supply system with the Development.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Respecting Construction

5. The Licencee shall notify the Portage la Prairie office of Manitoba Conservation – Environmental Operations Branch not less than two weeks prior to beginning construction of the Development. The notification shall include the intended starting date of construction and the name of the contractor responsible for the construction.
6. 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.

7. The Licencee shall locate fuel storage and equipment servicing areas established for the construction and operation of the Development a minimum distance of 100 metres from any waterbody, and shall comply with the requirements of *Manitoba Regulation 188/2001* respecting *Storage and Handling of Petroleum Products and Allied Products* or any future amendment thereof.
8. 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.

Respecting Operation

9. The Licencee shall obtain and maintain classification of the Development pursuant to *Manitoba Regulation 77/2003* respecting *Water and Wastewater Facility Operators* or any future amendment thereof and maintain compliance with all requirements of the regulation including, but not limited to, the preparation and maintenance of a Table of Organization, Emergency Response Plan and Standard Operating Procedures.
10. The Licencee shall carry out the operation of the Development with individuals properly certified to do so pursuant to *Manitoba Regulation 77/2003* respecting *Water and Wastewater Facility Operators* or any future amendment thereof.
11. The Licencee shall, each winter during the operation of the Development:
 - a) monitor ice accumulation on Cypress Creek at the effluent discharge pipeline outlet; and
 - b) take action as may be necessary to prevent flooding on Cypress Creek due to ice accumulation from the operation of the Development.

Respecting Monitoring

12. The Licencee shall conduct an effluent monitoring program as described in Clauses 13 to 16 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.
13. The Licencee shall, in May, July and September 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 on Cypress Creek upstream and downstream of the effluent discharge point of the Development.
14. The Licencee shall transport the grab samples collected pursuant to Clause 13 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.


15. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 13 of this Licence, analysed for the following parameters:
- manganese;
 - hardness as CaCO₃;
 - total suspended solids; and
 - total dissolved solids.
16. The Licencee shall, not more than 30 days after the results of each analysis are available, submit the results to the Director.

Respecting Decommissioning

17. The Licencee shall, following the commissioning of the Development, decommission unused components of the previous water treatment system in a manner that prevents cross connections between unused components of the previous system and the Development.

REVIEW AND REVOCATION

- A. Environment Act Licence No. 2410 is hereby rescinded upon commissioning of the reverse osmosis treatment system.
- B. 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.



Tracey Braun, M. Sc.
Director
Environment Act