

Manitoba



**Conservation and Water Stewardship**

Climate Change and Environmental Protection Division  
Environmental Approvals Branch  
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**CLIENT FILE NO.: 5601.00**

January 7, 2013

Erin Halliday, C.A.O.  
Town of Erickson  
Box 40  
Erickson MB R0J 0P0

Enclosed is **Environment Act Licence No. 3032** dated January 7, 2013 issued in accordance with *The Environment Act* to the **Town of Erickson** for the construction and operation of the Development being a water supply and treatment system for the Town of Erickson, located in E ½ Sec 32-17-18W, with discharge of reject water and the greensand filter backwash water to Leda Lake, in accordance with the Proposal filed on July 6, 2012, and additional information provided on October 18, 2012.

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. A Notice of Alteration must be filed with the Director for approval prior to any alteration to the Development as licensed.

For further information on the administration and application of the Licence, please feel free to contact Rafiqul Chowdhury, Environmental Engineer @ 204-945-2614.

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 and Water Stewardship within 30 days of the date of the Licence.

Yours truly,

A handwritten signature in cursive script that reads "Tracey Braun".

Tracey Braun, M.Sc.  
Director  
Environment Act

c: Don Labossiere, Director, Environmental Compliance and Enforcement  
Travis Parsons, Manitoba Water Services Board  
Public Registries

**NOTE:** Confirmation of Receipt of this Licence No. 3032 (*by the Licensee only*) is required by the Director of Environmental Approvals. Please acknowledge receipt by signing in the space provided below and faxing a copy (letter only) to the Department by January 21, 2013.

\_\_\_\_\_  
On behalf of the Town of Erickson

\_\_\_\_\_  
Date

Licence No. / Licence n° 3032

Issue Date / Date de délivrance January 7, 2013

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 Sections 10(1)/ Conformément au Paragraphe 10(1)

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

**TOWN OF ERICKSON;**  
**"the Licencee"**

for the construction and operation of the Development being a water supply and treatment system for the Town of Erickson, located in E ½ Sec 32-17-18W, with discharge of reject water and the greensand filter backwash water to Leda Lake, in accordance with the Proposal filed under *The Environment Act* on July 6, 2012, and additional information provided on October 18, 2012 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 and Water Stewardship 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*;

**"Environment Officer"** means an employee so designated pursuant to *The Environment Act*; and

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

**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. In addition to any of the limits, terms and conditions specified in this Licence, the Licencee shall, upon the request of the Director:
  - a) sample, monitor, analyze and/or investigate specific areas of concern regarding any segment, component or aspect of pollutant storage, containment, treatment, handling, disposal or emission systems, for such pollutants or ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, for such duration and at such frequencies as may be specified;
  - b) determine the environmental impact associated with the release of any pollutant(s) 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, descriptions of sampling and analytical procedures being used, bioassay data, flow rate measurements and such other information as may from time to time be requested.
2. The Licencee shall submit all information required to be provided to the Director under this Licence, in writing, in such form (including number of copies) and of such content as may be required by the Director, and each submission shall be clearly labeled with the Licence Number and Client File Number associated with this Licence.
3. 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 Conservation and Water Stewardship.
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 Water Stewardship 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.
6. The Licencee shall, in the event of a release, spill, leak, or discharge of a pollutant or contaminant in an amount or concentration, or at a level or rate of release, that exceeds the limit that is expressly provided under this Act, another Act of the Legislature, or an Act of Parliament, or in a regulation, licence, permit, order, instruction, directive or other approval or authorization issued or made under one of those Acts, immediately report the release, spill, leak, or discharge by calling 204-944-4888. The report shall indicate the nature of the release, leak, or discharge, the time and estimated duration of the event and the reason for the release, spill, leak, or discharge.

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 wells associated with the Development to prevent the contamination of groundwater by surface water:
  - a) entering the well casings through the top of the casings; and
  - b) entering the well casings through the sides of the casings.

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

#### **Respecting Construction - General**

9. The Licencee shall notify the assigned Environment Officer 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.
10. The Licencee shall dispose of non-reusable construction debris from the Development at a waste disposal ground operating under the authority of a permit issued pursuant to *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, 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 the construction site.
12. 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.
13. The Licencee shall, during construction of the Development, implement all necessary measures to prevent the erosion of exposed soil into any waterbodies. Construction adjacent to waterbodies shall not occur during high rainfall events.
14. The Licencee shall not undertake instream construction activities including the installation of effluent outfall works in Leda Lake between April 15 and June 30 of any year.
15. The Licencee shall:
  - a) prepare "record drawings" for the Development and shall label the drawings "Record Drawings"; and
  - b) provide to the Director, within four months of the completion of construction of the Development, two electronic copies of the "record drawings".

**Respecting Operation**

16. 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.
17. 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.
18. The Licencee shall operate the Development with respect to the volume and rate of water diverted in accordance with a Water Rights Licence issued for the water treatment plant of the Development pursuant to *The Water Rights Act*.
19. The Licencee shall, each winter during the operation of the Development:
  - a) monitor ice accumulation at the effluent discharge pipeline outlet; and
  - b) take action as may be necessary to prevent flooding due to ice accumulation from the operation of the Development.

**Respecting Monitoring**

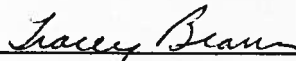
20. The Licencee shall, unless otherwise specified in this Licence:
  - a) carry out all preservations and analyses on liquid samples in accordance with the methods prescribed in the most current edition of Standard Methods for the Examination of Water and Wastewater or in accordance with equivalent preservation and analytical methodologies approved by the Director;
  - b) have all analytical determinations undertaken by an accredited laboratory; and
  - c) report the results to the Director, in writing and in an electronic format acceptable to the Director, within 60 days of the samples being taken.
21. The Licencee shall conduct an effluent monitoring program as described in Clauses 22 to 24 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.
22. The Licencee shall, in May, July and October of each year for the duration of the effluent monitoring program, collect grab samples at locations approved by the Director in the reject water stream within the water treatment plant, and in Leda Lake adjacent to the effluent discharge outlet.
23. The Licencee shall , analyze the samples collected pursuant to Clause 21 of this Licence for the following parameters:
  - a) iron;
  - b) hardness as CaCO<sub>3</sub>;
  - c) sodium;

- d) chloride;
- e) sulphate;
- f) manganese;
- g) fluoride;
- h) total suspended solids;
- i) total dissolved solids;
- j) sodium absorption ratio; and
- k) conductivity.

24. The Licencee shall submit the results of the sampling carried out pursuant to Clause 21 of this Licence to the Director not more than 30 days after the results of each analysis are available.

**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**

**File: 5601.00**