



Conservation

Climate Change and Environmental Protection Division
Environmental Assessment and Licensing Branch
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FAXED

CLIENT FILE NO.: 5456.00

July 19, 2010

Evelyn Dutka
Technical & Public Works Consultant
Aboriginal and Northern Affairs
59 Elizabeth Drive (Box 27)
Thompson MB R8N 1X4

Dear Ms. Dutka

Enclosed is **Environment Act Licence No. 2926** dated July 19, 2010 issued in accordance with The Environment Act to **The Incorporated Community of Nelson House** for the construction and operation of the Development being a water treatment and supply system for the Incorporated Community of Nelson House, with a raw water intake in Footprint Lake and a chemically assisted filtration water treatment plant in SE 7-79-9W, with the discharge of settled process water to Footprint Lake, in accordance with the Proposal filed under The Environment Act dated April 8, 2010, and additional information dated April 12, 2010.

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 Jeff Fountain, Environment Officer at (204) 677-6703.

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: Don Labossiere, Director, Environmental Operations
J. Fountain, Environment Officer
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 2926 (*by the Licencee 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 August 2, 2010.

On behalf of The Incorporated Community of Nelson House.

Date

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

LICENCE

Licence No. / Licence n° 2926

Issue Date / Date de délivrance July 19, 2010

In accordance with The Manitoba 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)

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

THE INCORPORATED COMMUNITY OF NELSON HOUSE; "the Licencee"

for the construction and operation of the Development being a water treatment and supply system for the Incorporated Community of Nelson House, with a raw water intake in Footprint Lake and a chemically assisted filtration water treatment plant in SE 7-79-9W, with the discharge of settled process water to Footprint Lake, in accordance with the Proposal filed under The Environment Act dated April 8, 2010, and additional information dated April 12, 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;

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

"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.

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 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 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.
5. The Licencee shall not permit the interconnection of a private water supply system with the Development.
6. 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 one year of the completion of construction of the Development, two sets of as constructed drawings.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Respecting Construction

7. The Licencee shall notify the Northeast Region 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.
8. 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.

9. 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.
10. 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.
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 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.
13. The Licencee shall screen the water intake for the Development in accordance with the requirements of the March, 1995 Department of Fisheries and Oceans publication "Freshwater Intake End-of-Pipe Fish Screen Guideline."
14. The Licencee shall not undertake instream construction activities including the installation of water intake and effluent outfall works in Footprint Lake between April 15 and June 30 of any year.
15. 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.

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.

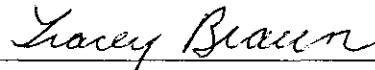
18. The Licencee shall obtain and maintain a written agreement respecting the disposal of settled sludge from the Development from the jurisdiction operating the disposal facility.

Respecting Monitoring

19. The Licencee shall conduct an effluent monitoring program as described in Clauses 20 to 23 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.
20. The Licencee shall, in May, July and October 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, at the first manhole in the effluent outfall line, and at the shore of Footprint Lake adjacent to the intake and effluent pipelines.
21. The Licencee shall transport the grab samples collected pursuant to Clause 20 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.
22. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 20 of this Licence, analysed for the following parameters:
 - (a) pH;
 - (b) chlorine;
 - (c) aluminum;
 - (d) iron;
 - (e) manganese;
 - (f) hardness as CaCO₃;
 - (g) total suspended solids; and
 - (h) total dissolved solids.
23. The Licencee shall, not more than 30 days after the results of each analysis are available, submit the results to the Director.

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.



Tracey Braun, M. Sc.
Director
Environment Act