



Sustainable Development

Environmental Stewardship Division
Environmental Approvals Branch
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CLIENT FILE NO.: 5893.00

December 5, 2017

Rebecca Luhn-Jensen
Manitoba Sustainable Development – Parks and Protected Spaces Branch
200 Saulteaux Crescent
Winnipeg MB R3J 3W3

Dear Ms. Luhn-Jensen:

Enclosed is **Environment Act Licence No. 3240** issued to **Manitoba Sustainable Development – Parks and Protected Spaces Branch** for the construction and operation of a water supply system for the Opapiskaw Campground in Whiteshell Provincial Park, in accordance with the Proposal filed under The Environment Act.

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 Diane Oertel, Environment Officer, at 204-345-1447.

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 Sustainable Development within 30 days of the date of the Licence.

Yours truly,

Tracey Braun, M.Sc.
Director
Environmental Approvals Branch

c: Don Labossiere/Donna Smiley/Diane Oertel, Environmental Compliance and Enforcement
Ken Anderson, Associated Engineering
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 3240 (by the Licensee only) is required by the Director of Environmental Approvals. Please acknowledge receipt by signing in the space below and provide a copy (letter only) to the Department by December 19, 2017.

On behalf of Manitoba Sustainable Development

Date

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

LICENCE

Licence No. / Licence n°

3240

Issue Date / Date de délivrance

December 5, 2017

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) / Conformément au Paragraphe 10(1)

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

**MANITOBA SUSTAINABLE DEVELOPMENT
PARKS AND PROTECTED SPACES BRANCH;
"the Licence"**

for the construction and operation of the Development being a water supply system for the Opapiskaw Campground in Whiteshell Provincial Park, with the following components:

- a) removal of all existing equipment from the water treatment plant;
- b) a new water intake in Nutimik Lake that consists of two new pumps and an intake screen;
- c) a 15 m³/day (0.50 litres per second for eight hours per day) seasonal water treatment plant in 12-14-13E, with filtration and ion exchange treatment, ultraviolet and sodium hypochlorite disinfection, and distribution pumps;
- d) a new regeneration water sedimentation tank and pumping system for discharging the regeneration stream to the campground wastewater lagoon;
- e) connection of the new water treatment plant to the existing discharge pipe to discharge the filter backwash water from the water treatment plant back to Nutimik Lake; and
- f) a water distribution system within the campground.

in accordance with The Environment Act Proposal dated February 15, 2017 and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence,

"**accredited laboratory**" means an analytical facility accredited by the Standards Council of Canada (SCC), or accredited by another accrediting agency recognized by Manitoba Sustainable Development 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;

"approved" means approved by the Director or assigned Environment Officer in writing;

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

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

"grab sample" means a quantity of water or wastewater taken at a given place and time; 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 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, ambient quality, aquatic toxicity, leachate characteristics and discharge or emission rates, and 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 or Environment Officer under this Licence, in written and electronic format, in such form (including number of copies) and of such content as may be required by the Director or Environment Officer, and each submission shall be clearly labeled with the Licence Number and Client File Number associated with this Licence.

3. The Licencee shall operate the water supply system in accordance with Manitoba Regulations under The Public Health Act, The Drinking Water Safety Act, and all operating requirements as recommended by Manitoba Sustainable 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 Sustainable Development and legislation requirements.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Respecting Construction

5. 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.
6. The Licencee shall, prior to the construction of new water distribution components of the Development, obtain a Permit to Construct or Alter a Public Water System from the Office of Drinking Water of Manitoba Sustainable Development.
7. 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 37/2016 respecting Waste Management Facilities or any future amendment thereof, or a Licence issued pursuant to The Environment Act.
8. 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.
9. The Licencee shall, during construction of the Development, operate, maintain and store all materials and equipment in a manner that prevents any deleterious substances (fuel, oil, grease, hydraulic fluids, coolant, paint, uncured concrete and concrete wash water, etc.) from entering watercourses, and have an emergency spill kit for in-water use available on site during construction.
10. The Licencee shall, in the case of physical or mechanical equipment breakdown or process upset where such breakdown or process upset results or may result in the release of a pollutant in an amount or concentration, or at a level or rate of release, that causes or may cause a significant adverse effect, immediately report the event by calling the 24-hour environmental accident reporting line at 204-944-4888 (toll-free 1-855-944-4888). The report shall indicate the nature of the event, the time and estimated duration of the event and the reason for the event.
11. The Licencee shall, following the reporting of an event pursuant to Clause 10,

- a) identify the repairs required to the mechanical equipment;
 - b) undertake all repairs to minimize unauthorized discharges of a pollutant;
 - c) complete the repairs in accordance with any written instructions of the Director and/or the Environment Officer; and
 - d) submit a report to the Director about the causes of breakdown and measures taken, within one week of the repairs being done.
12. The Licencee shall, during construction and maintenance of the Development, prevent the introduction and spread of foreign aquatic and terrestrial biota by cleaning equipment prior to its delivery to the site of the Development and complying with the requirements of Manitoba Regulation 173/2015 respecting Aquatic Invasive Species, or any future amendment thereof.
13. The Licencee shall revegetate areas disturbed by the construction of the Development with a mixture of native or introduced grasses or legumes. These areas shall be revegetated as quickly as possible following construction to prevent soil erosion and the establishment of noxious weeds. Native species shall be used to revegetate areas where native species existed prior to construction.
14. The Licencee shall not remove, destroy or disturb species listed as rare, endangered, or of special concern, or their habitats. These species are listed in Manitoba Regulation 25/98 respecting Threatened, Endangered and Extirpated Species or any future amendment thereof, and in the federal Species at Risk Act.
15. The Licencee shall not disturb bird habitat and bird nests during the construction of the Development before August 1 of any year.
16. The Licencee shall not construct the intake associated with the Development within Nutimik Lake, between April 15 and June 30 of any year.
17. 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

18. 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.

19. 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.
20. The Licencee shall screen the pump intake associated with the Development in accordance with the Department of Fisheries and Oceans publication "Freshwater Intake End-of-Pipe Fish Screen Guideline" (March, 1995).
21. The Licencee shall not release water treatment process wastewater from the Development to Nutimik Lake when total residual chlorine concentrations in the wastewater exceed 0.02 milligrams per litre.
22. The Licencee shall dispose of settled material from the filter backwash and process wastewater settling tank of the Development at a wastewater treatment facility licensed pursuant to The Environment Act.

Respecting Monitoring

23. The Licencee shall conduct an effluent monitoring program as described in Clauses 24 to 27 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.
24. 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 Environment Officer:
 - a) in the discharge pipe;
 - b) 100 metres upstream of the filter backwash water discharge pipeline outlet; and
 - c) 100 metres downstream of the filter backwash water discharge pipeline outlet.
25. The Licencee shall transport the grab samples collected pursuant to Clause 24 of this Licence, to an accredited laboratory for analysis. The samples shall be stored and transported in accordance with procedures specified by Manitoba Sustainable Development to ensure that the samples are suitable for analysis.
26. The Licencee shall, at an accredited laboratory, have the samples collected pursuant to Clause 24 of this Licence, analysed for the following parameters:
 - a) total organic carbon;
 - b) iron;
 - c) manganese;
 - d) turbidity; and
 - e) total residual chlorine.
27. The Licencee shall, not more than 30 days after the results of each analysis are available, submit the results to the Environment Officer responsible for the administration of this Licence.

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, 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

Tracey Braun, M.Sc.
Director
Environment Act

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