



Conservation and Water Stewardship
Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5
T 204 945-8321 F 204 945-5229
www.gov.mb.ca/conservation/eal

CLIENT FILE NO.: 5771.00

July 31, 2015

Kat Bridgeman, Chief Administrative Officer
Riverdale Municipality
Box 520
Rivers MB R0K 1X0

Dear Ms. Bridgeman:

Enclosed is **Environment Act Licence No. 3146** dated July 31, 2015 issued to **Riverdale Municipality** for the construction and operation of the Development being a water supply system for municipal purposes for the community of Rivers in accordance with *The Environment Act Proposal* dated May 13, 2015.

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 Peter Crocker, Environment Officer at 204-726-6565.

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,

“original signed by”

Tracey Braun, M.Sc.

Director

Environment Act

c: Don Labossiere, Director; Tim Prawdzik, Provincial Manager, Environmental Compliance and Enforcement
Dee Genaille, MWSB (email)
Matthew Bauche (email)
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 3146 (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 August 14, 2015.

On behalf of Riverdale Municipality

Date

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

LICENCE

Licence No. / Licence n° 3146

Issue Date / Date de délivrance July 31, 2015

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:

RIVERDALE MUNICIPALITY;

"the Licence":

for the construction and operation of the Development being a water supply system for municipal purposes for the community of Rivers, with the following components:

- a) an existing water intake in Lake Wahtopanah and raw water pipeline to the water treatment plant;
- b) a 16.8 litre per second water treatment plant using ultrafiltration and reverse osmosis, with an associated treated water reservoir in NE 23-12-21W, discharging process wastewater by pipeline to the Little Saskatchewan River; and
- c) a water distribution system;

in accordance with *The Environment Act Proposal* dated May 13, 2015, 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 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;

"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 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 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.

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 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*.
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 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.
9. 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.
10. The Licencee shall, following the reporting of an event pursuant to Clause 9,
 - 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.
11. 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.
12. 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.
13. 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*.
14. The Licencee shall, if construction of a new effluent discharge pipeline to the Little Saskatchewan River is required, undertake a survey of rare and endangered species, including plants, and receive the approval of the Director for any necessary mitigation measures before initiating construction of a new effluent discharge pipeline.
15. The Licencee shall, if construction of a new effluent discharge pipeline to the Little Saskatchewan River is required, not construct the pipeline within 100 metres of occupied barn swallow nests between May 15 and September 30 of any year.
16. 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:

17. 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.

18. 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.
19. The Licencee shall not permit the interconnection of a private water supply system with the Development.
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 operate the Development with respect to the volume and rate of water diverted from Lake Wahtopanah in accordance with a Water Rights Licence issued pursuant to *The Water Rights Act*.
22. The Licencee shall actively participate in any watershed and/or aquifer based management study being undertaken by Manitoba Conservation and Water Stewardship or any watershed planning authority.

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 wastewater lift station within the water treatment plant;
 - b) in the Little Saskatchewan River upstream of the effluent discharge point; and
 - c) in the Little Saskatchewan river downstream of the effluent discharge point.
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 Conservation and Water Stewardship 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 dissolved solids;
 - b) hardness;
 - c) manganese;
 - d) sodium;
 - e) chloride; and

- f) sulphate.
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 the Licencee has not commenced construction of the Development 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*.

“original signed by”

Tracey Braun, M.Sc.
Director
Environment Act

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