



Conservation and Water Stewardship
Environmental Stewardship Division
Environmental Approvals Branch
123 Main Street, Suite 160, Winnipeg, Manitoba R3C 1A5
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www.gov.mb.ca/conservation/eal

CLIENT FILE NO.: 5776.00

September 1, 2015

Ryan Coulter, P.Eng., Manager, Environmental Services
Highway Planning and Design Branch, Manitoba Infrastructure and Transportation
1420-215 Garry Street
Winnipeg MB R3C 3P3

Dear Mr. Coulter:

Enclosed is **Environment Act Licence No. 3150** dated August 31, 2015 issued to **Manitoba Infrastructure and Transportation** for the demolition, replacement, and operation the Provincial Trunk Highway 1A (First Street) bridge over the Assiniboine River in the City of Brandon in accordance with the Proposal filed under *The Environment Act*, dated June 30, 2015, and supporting information dated August 5, 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, Tim Prawdzik, Peter Crocker, Environmental Compliance and Enforcement
Branch (**email**)
Public Registries

NOTE: Confirmation of Receipt of this Licence No. 3150 (*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 September 14, 2015.

On behalf of Manitoba Infrastructure and Transportation

Date

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

LICENCE

Licence No. / Licence n° 3150

Issue Date / Date de délivrance September 1, 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 11(1) / Conformément au Paragraphe 11(1)

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

MANITOBA INFRASTRUCTURE AND TRANSPORTATION;
"the Licence"

for the demolition, replacement, and operation the Provincial Trunk Highway 1A (First Street) bridge over the Assiniboine River in the City of Brandon in accordance with the Proposal filed under *The Environment Act*, dated June 30, 2015, and supporting information dated August 5, 2015, and subject to the following specifications, limits, terms and conditions:

DEFINITIONS

In this Licence:

“**Director**” means an employee so designated pursuant to *The Environment Act*;

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

“**waterbody**” means any body of flowing or standing water, whether naturally or artificially created, and whether the flow or presence of water is continuous, intermittent or occurs only during a flood, including but not limited to a lake, river, creek, stream, and wetland (slough, marsh, swamp, etc.), including ice on any of them (*The Water Protection Act* 2005).

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.

Future Sampling

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; and
 - c) 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, 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.

Reporting Format

3. 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 labelled with the Licence Number and Client File Number associated with this Licence.

SPECIFICATIONS, LIMITS, TERMS AND CONDITIONS

Notification

4. The Licencee shall, not less than two weeks prior to beginning construction of the Development, provide notification to the Environment Officer responsible for the administration of this Licence of the intended start date of construction and the name of the contractor responsible for the construction.
5. The Licencee shall, prior to construction, provide a copy of this Licence to the contractor and subcontractor(s) involved in the Development.

Compliance

6. The Licencee shall adhere to the commitments made in the Proposal and supporting information filed in association with the Proposal during construction, operation, and decommissioning of the Development, except as otherwise required by this Licence.
7. The Licencee shall, during construction of the Development, assign a qualified environmental inspector to monitor the work on a regular basis, not less than twice a week, to ensure that all the environmental practices outlined in the Proposal and supporting information are carried out.

Emergency Response Plan

8. The Licencee shall, prior to construction, include in the emergency response plan for the Development, contact information for the City of Portage la Prairie water treatment plant. The water treatment plant operator shall be notified in the event of a release or an emergency that could impact the City's drinking water.

Fish and Fish Habitat

9. The Licencee shall, during construction and maintenance of the Development, adhere to the general recommendations contained in the Department guidelines titled *Manitoba Stream Crossing Guidelines for the Protection of Fish and Fish Habitat, 1996*.
10. The Licencee shall, from April 1 to June 15 of each year during construction of the Development, cease all construction activities that may impact upon the Assiniboine River stream channel and which may affect fish mobility and fish habitat.
11. The Licencee shall, prior to construction activity in the Assiniboine River, obtain a Live Fish Handling Permit for the purpose of:
 - a) transferring live fish trapped within the construction area, and
 - b) relocating mussels affected by construction.

Foreign Biota

12. The Licencee shall, during construction and maintenance of the Development, prevent the introduction and spread of foreign biota on land and to surface water. All equipment used for the construction of the Development shall be cleaned prior to entering the construction area.

Contaminated Soils

13. The Licencee shall test excavated soils that may be contaminated with hydrocarbons and dispose of any contaminated soils in a manner approved by an Environment Officer.

Release of Pollutants

14. 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.
15. The Licencee shall, following the reporting of an event pursuant to Clause 14,
 - 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
 - d) submit a report to the Director about the causes of breakdown and measures taken, within one week of the repairs being done.

Sediment and Erosion Control and Riverbank Stabilization

16. The Licencee shall, during construction and maintenance of the Development, take all appropriate measures to prevent erosion and sedimentation within the Assiniboine River.
17. The Licensee shall, during construction of the Development, conduct daily inspections of erosion and sediment control management measures and immediately carryout any necessary maintenance to ensure effectiveness.
18. The Licencee shall, at the completion of construction of the Development, rip rap and/or vegetate all areas disturbed during the construction to prevent soil erosion. Invasive species infestation of the vegetated areas shall be monitored and controlled until the vegetation is well established.

19. The Licencee shall, upon completion of construction, monitor the effectiveness of the sediment and erosion control measures associated with the Development annually, at minimum, and conduct any required repairs/improvements until an Environment Officer deems that the areas affected by construction of the Development have been stabilized.

Petroleum Storage and Handling

20. The Licencee shall establish any fuel storage areas required 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 the *Storage and Handling of Petroleum Products and Allied Products Regulation 188/2001*, or any future amendment thereof.
21. The Licencee shall, during construction and maintenance of the Development, operate, maintain, and store all materials and equipment in a manner that prevents any deleterious substances including fuel, oil, grease, hydraulic fluid, coolant, and other similar substances from contaminating soil or entering any waterbody. Emergency spill kits for both land and in-water use shall be readily available on site during construction.

Waste Disposal

22. The Licencee shall dispose of non-reusable construction debris and solid waste from the construction and maintenance of the Development at a waste disposal ground operating under the authority of a permit issued under *Waste Disposal Grounds Regulation 150/91*, or any future amendment thereof, or a licence issued pursuant to *The Environment Act*.

Onsite Wastewater Disposal

23. The Licencee shall, during construction of the Development, dispose of all sewage and septage from on-site sanitary facilities in accordance with the *Onsite Wastewater Management Systems Regulation 83/2003*, or any future amendment thereof.

Alterations to the Development

24. The Licencee shall obtain written approval from the Director for any proposed alteration to the Development before proceeding with the alteration.

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 11 of *The Environment Act*.

“original signed by”

Tracey Braun, M.Sc.
Director
Environment Act

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