



## Sustainable Development

Environmental Stewardship Division  
Environmental Approvals Branch  
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**Client File No. 1071.10**

October 22, 2018

Mr. Chris Carroll, P.Eng., MBA  
Manager of Wastewater Services Division  
City of Winnipeg  
110-1199 Pacific Avenue  
Winnipeg, MB R3E 1G5

Dear Mr. Carroll:

**Re: Notice of Alteration Approval - City of Winnipeg North End Water Pollution Control Centre (NEWPCC) - Environment Act Licence No. 2684 RR**

Receipt of your letter dated December 28, 2017, a Notice of Alteration form received on January 3, 2018, and a supporting technical memorandum dated December 7, 2017 is hereby acknowledged as a Notice of Alteration in accordance with Section 14 of The Environment Act.

The intent of your Notice of Alteration request is to remove Clause 19(b) from Environment Act Licence No. 2684 RRR ("Licence"). Clause 18 (existing pipelines) and Clause 19 (new pipelines) of the Licence require the following: implementing an approved leak detection program for new and existing pipes which transport wastewater via river crossings; measuring and recording the data gathered by the leak detection program; and repairing and replacing all portions of the new and existing piping where leaks are detected in accordance with the Licence. Clause 19(b) of the Licence requires construction and maintenance of a sleeve encasement around new pipes which transport wastewater via river crossings.

The Notice of Alteration proposed to upgrade the Northeast Interceptor siphon crossing of the Red River with a 900 mm siphon without any sleeve encasement around the piping following a trenchless method (that is, micro tunnel boring methods or horizontal direction drilling method). The new crossing is proposed to be installed in bedrock strata in order to provide an additional barrier from the river following the established Fisheries and Oceans Canada guidelines and protocol. In addition, it was proposed to continue routine condition assessments at prescribed intervals in accordance with CSA Z662 and continuous monitoring of all three river crossings (the proposed crossing and the two existing crossings) for their hydrostatic integrity between the condition assessments cycles.

Upon review of the Notice of Alteration request, I am satisfied that the identified change in the environmental effects as would result from the proposed alteration to Clause 19(b) of the Licence will be insignificant. Therefore, pursuant to Section 14(2) of The Environment Act, I hereby amend Clauses 18 and 19 of the Licence as follows:

- Clause 18: The Licencee shall:
  - a) continuously monitor and record the data gathered by the continuous hydrostatic integrity monitoring of all pipes which transport wastewater via river crossings;
  - b) monitor and record the systematic condition assessment of all pipes which transport wastewater via river crossings, and of the river bank stability and riverbed erosion at an interval proposed in the technical memorandum dated December 7, 2017 or otherwise approved by the Director;
  - c) repair and/or replace all portions of the piping where leaks are detected in accordance with Clause 5 of this Licence;
  - d) complete augered, tunneled or bored waterway crossings in accordance with the Fisheries and Oceans Canada Measures to Avoid Causing Harm to Fish and Fish Habitat, and notify the Environment Officer if a frac out occurs; and
  - e) where conditions allow, excavate endpoints for directional drilling operations a minimum of 30 m from the high water mark of third and higher order waterways, and a minimum of 15 m from the high water mark of first and second order waterways.
  
- Clause 19: The Licencee shall:
  - a) submit to the Director of Approvals Branch by February 28 of the following year, for review and approval, an annual river crossing monitoring report including monitoring of hydrostatic integrity of all crossings and of river bank stability; and
  - b) submit to the Director of Approvals Branch, for review and approval, a systematic condition assessment report for all pipelines which transport wastewater via river crossings, and a systematic monitoring report of riverbank stability and riverbed erosion within 60 days from the completion of the formal inspection carried out at a frequency as proposed in the technical memorandum dated December 7, 2017 or otherwise approved by the Director.

Please be advised that this approval is contingent on the acceptance of a revised Environment Act Licence to be issued in the near future.

Should you have any questions concerning this approval, please contact Asit Dey at (204) 945-2614 or at [asit.dey@gov.mb.ca](mailto:asit.dey@gov.mb.ca).

Sincerely,



Tracey Braun, M.Sc.  
 Director  
 Environmental Approvals Branch

- c: Duane Griffin, City of Winnipeg  
 Don Labossiere/Yvonne Hawryliuk, Environmental Compliance and Enforcement Branch  
 Elaine Page/Andrew Burton, Water Quality Management Section  
 Public Registries