

MAY 09 2016

Registration 1783

Mr. Scott Winsor, P.Eng.
Manager, Construction Engineering
City of St. John's
P.O. Box 908
St. John's NL A1C 5M2

Dear Mr. Winsor:

RE: Long Pond Weir

The Environmental Preview Report (EPR) submitted on March 10, 2016, has been reviewed and an opportunity to comment has been provided to the Environmental Assessment Committee (EAC) and the public as required by the *Environmental Protection Act*, SNL 2002, cE-14.2. Upon consideration of the comments received, please be advised that the EPR is deficient and the City of St. John's must submit a revised EPR.

The revised EPR will have to address the following deficiencies including, but not limited to:

- Updated sensitivity analysis, floodplain mapping and flood inundation mapping using current aerial imagery and LiDAR data to reflect the impact of the weir on current development;
- Text in the environmental preview report and dam risk management documents must be revised accordingly, to reflect updated sensitivity analysis, floodplain mapping and flood inundation mapping;
- Pre and post weir floodplain mapping from the outlet of Long Pond to Quidi Vidi Lake, for the 1:5, 1:20, 1:50, 1:100, and 1:100 Climate Change plus 30% AEP flows;
- An assessment of the construction design flow;
- A contingency plan for structure failure and/or failure of flow control equipment during the construction phase;
- Information to explain how rankings of "low," "moderate," and "low-moderate" were determined in Table 2 of the HIRA document;
- Information to describe actions that will be taken to address higher ranked hazards identified in Table 2 of the HIRA document, such as overtopping, flow obstruction and foundation, weir and gate failure;
- Information to describe how preventive actions listed in the ERP will be implemented to reduce or eliminate an emergency weir situation in the case of the loss of freeboard or dam cross section, e.g., how dam discharge will be maximized, how and where water will be diverted and pumped, and how upstream floodwater retention can be maximized;

- Confirmation of the City's commitment to install an automated real time water level monitoring system in Long Pond prior to construction of the weir; and
- On April 28, 2016, the City of St. John's responded to a letter from the Pippy Park Commission (PPC), which outlined their concerns about the proposed Long Pond Weir project. In their response letter, the City described mitigative measures that will be implemented to address PPC's concerns. The City is advised that the mitigative measures described in the letter should be included in the revised EPR, to inform the public and to provide an opportunity for public comment.

Please note that a complete list of EAC comments to be addressed in the revised EPR is provided in the Table of Concordance, attached. This table must be included with the revised EPR indicating where, in the document, responses can be found.

If you have any questions concerning these matters, please contact Mr. Bas Cleary at (709) 729-0673 or Ms. Joanne Sweeney, Chair of the EAC at (709) 729-2822, or via email at joannesweeney@gov.nl.ca.

Sincerely,



PERRY TRIMPER, MHA
District of Lake Melville
Minister

Cc Mr. Greg Sheppard
Project Manager, CBCL Ltd