



February 2, 2021

Vicki Ficzere
Environmental Scientist, Environmental Assessment Division
Department of Environment, Climate Change and Municipalities
PO Box 8700
St. John's, NL A1B 4J6


Dear Ms. Ficzere:

*RE: City of St. John's – Rennie's River Flood Mitigation
Environmental Assessment (EA) Registration Document
CBCL Project # 203063.00*

In response to questions received January 29, 2021 from Newfoundland and Labrador Department of Environment, Climate Change and Municipalities (NLECCM) on the Environmental Assessment Registration Document for the above referenced Project, the City of St. John's and CBCL provide the following additional information.

NLECCM Question	Response
<p>How are the sites for the berms and bank stabilization being accessed? On page 26 it states' "construction will mostly take place on open space municipal land." Looking at the maps provided, it appears that berm 1 can be accessed by Rennie's River Trail. Berm 2 appears to be by the electrical substation. Is this on municipal property or private property? The proposed bank stabilization further upstream appears to be on the south side of the river. The Rennie's River trail is on the north side of the river. If this is the case, how would the site be accessed?</p>	<p>Access will vary depending on the location of the structure. Berm 1 will be accessed from the trail entrances either from Feildian Grounds or Kings Bridge Road. Berm 2 will be accessed from Kings Bridge Road or via the adjacent property with owner's consent. Berm 2 is located on a municipal easement between the Rennie's River and the adjacent property. The proposed bank stabilization maybe be assessed from the opposite of the river or via the adjacent property with owner's consent. For example, similar bank stabilization exercises had been completed in this this area previously. In this instance, the area was accessed via an excavator with a long boom, which was operated from the parking lot at the tennis club.</p>
<p>Looking at the City of St. John's property mapping on their website, the south side of the</p>	<p>There is a riparian area between the Rennie's River and the adjacent properties. The berm will be designed to be contained to municipal property as much as possible.</p>

NLECCM Question	Response
<p>river appears to be all private property, not municipal. For the work that is proposed that is not on municipal land, has there been discussion with home owners about this? Is there any potential resource conflict there?</p>	<div data-bbox="578 296 1292 821" data-label="Image"> </div> <p>The City will communicate with the adjacent landowners during the design of the structures, including access arrangements as required. The City will work with adjacent landowners to minimize potential resource conflicts; this may include procuring portions of land for the construction of the structures, if required.</p>
<p>In the photos provided in Appendix B, photo number 4 shows the proposed location of Berm 2. In the picture it shows the fencing surrounding the electrical substation and the river. Would there be a potential conflict with accessing that area to complete the berm?</p>	<p>There is a riparian area between the Rennie's River and the adjacent property. The berms will be constructed with an approximately 2:1 side slope. However, depending on the final design, slopes may vary and could be installed with additional stabilization techniques. The widths required for the berms will vary based on the required heights of the berms. Berm 2 is anticipated to be approximately 0.2 m – 0.5 m high, which would result in a structure that is approximately 2.5 m wide at its maximum.</p>
<p>With the fencing there, can the equipment reach the site to complete the berm?</p>	<p>The City will communicate with the adjacent landowners as required during the design and installation of the structure. This may include discussions of the fencing or alternative access, if any conflicts are identified following design.</p>
<p>What equipment will be used to create the berm and shore stabilization? While it's mentioned that there would be heavy equipment, it would be helpful to identify the number and types of equipment anticipated to be on site at any given time, so that the</p>	<p>The works will be completed by a contractor selected using the City of St. John's procurement process. As part of that process, the City does not specify the types and number of equipment to be used. For the purposes of the assessment, heavy equipment may include excavators, bulldozers, chainsaws (as required), and equipment to compact the soils.</p> <p>Similar to equipment, laydown areas have not been confirmed. The City also owns two properties adjacent to the Project area that may be used for construction such as laydown areas or site trailers (below). Any laydown areas, if required, will be confined to already disturbed areas or those properties.</p>

NLECCM Question	Response
<p>environmental effects can be predicted.</p> <p>Also, it would be helpful to identify any laydown areas for materials and equipment, and to indicate whether there will be any maintenance or refueling of equipment on site.</p>	 <p>Appendix E of the Environmental Assessment Registration Document further identifies the mitigation measures which will be required for the contractor to undertake the work. Mitigation measures related to maintenance and refueling include the following:</p> <ul style="list-style-type: none"> ▶ Fueling and storage of gasoline and associated products (e.g. oils, greases, diesel, hydraulic and transmission fluids), should occur in a designated refueling/storage area at least 30 m from any waterbody and on flat, paved terrain. ▶ All maintenance of equipment should occur at least 30 m from any waterbody on flat, paved terrain.

If you have any questions or require clarification, please contact the contacts as identified in the Environmental Assessment Registration Document.

Yours very truly,

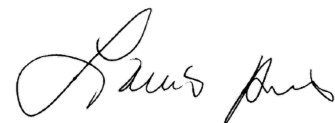
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