



April 26, 2019

Mosha Cote

Manager-Research Liaison
Nunavut Research Institute
P.O. Box 1720
Iqaluit, NU X0A 0H0
By email: mosha.cote@arcticcollege.ca

Natasha Lear

Manager, Technical Administration
Nunavut Impact Review Board (NIRB)
P.O. Box 1360, Cambridge Bay, NU X0B 0C0
By email: nlear@nirb.ca , info@nirb.ca

Richard Dwyer

Manager of Licensing
Nunavut Water Board (NWB)
P.O. Box 119, Gjoa Haven, NU X0B 1J0
By email: richard.dwyer@nwb-oen.ca
licensing@nwb-oen.ca

Scott Lamoureux

Queen's University
Dept. of Geography and Planning MC D201
Kingston Ontario K7L 3N6 Canada
By email: scott.lamoureux@queensu.ca

Dear Mr. Cote, Dwyer, Ms. Lear and Mr. Lamoureux:

RE: NPC File # 149123 [Watershed and permafrost responses to a changing climate in the Resolute Bay area]

The following works and activities have been proposed in the above-noted project proposal:

1. Scientific Research Activity: Continuation of the work started in 2018 aiming at investigating potential permafrost degradation, water quality and sediment dynamics of the McMaster River, near Resolute Bay, due to climate change. Water samples will be collected daily from two rivers and soil sample from general area. Samples will be filtered in the Dr. Roy M. "Fritz" Koerner Laboratory at PCSP and prepared for further analysis at Queen's University. The purpose is to draw parallels to the watershed used as a water source by the community, and to the stability of permafrost upon which the hamlet is built.
2. Modifications to the original/amended project proposal: In addition to the original plan, a water gaging station will be installed in the McMaster River in order to measure discharge continuously, as well as an automated sampler on the riverbank, to facilitate water sampling and diminish the back and forth toward the river.
3. Related NPC File No: 148833; Related NIRB File File No 18YN039.
4. Location: Qikiqtani Region; [McMaster River near Resolute Bay]

A complete description of the project proposal reviewed by the NPC can be accessed online using the link below.

The Nunavut Planning Commission (NPC) has completed its review of the above noted project proposal. The NPC previously reviewed works and activities associated with the current proposal (conformity determination issued on June 19, 2018), which still applies. In addition, associated activities were previously screened by the Nunavut Impact Review Board, including water sample collection in McMaster River (NIRB FILE NO.: 18YN039). It conforms to the North

Baffin Regional Land Use Plan (NBRLUP). The proponent has undertaken to comply with the applicable conformity requirements of Appendix C, H, and I of the NBRLUP.

The above-noted project proposal is exempt from screening by the NIRB because the NPC is of the understanding that the inclusion of water gaging station in the McMaster River in order to measure discharge continuously, does not change the general scope of the original project activities, and the exceptions noted in Section 12.4.3 (a) and (b) of the Nunavut Agreement do not apply.

By way of this letter, the NPC is forwarding the project proposal to the regulatory authorities identified by the proponent. Project materials, including the applicable conformity requirements, are available at the following address:

<http://lupit.nunavut.ca/portal/project-dashboard.php?appid=149123&sessionid=>

The regulatory authorities to which this letter is addressed are responsible under the Nunavut Planning and Project Assessment Act (NUPPAA) to implement any of the applicable requirements by incorporating the requirements directly, or otherwise ensuring that they must be met, in the terms and conditions of any authorizations issued.

This conformity determination applies only to the above noted project proposal as submitted. Proponents may not carry out projects and regulatory authorities may not issue licenses, permits and other authorizations in respect of projects if a review by the NPC is required. Regulatory authorities may consult with the NPC to obtain recommendations on their duties to implement the existing land use plans prior to issuing licenses, permits and other authorizations under subsection 69(6) of the NUPPAA.

My office would be pleased to discuss how best to implement the applicable requirements and to review any draft authorizations that regulatory authorities wish to provide for that purpose. If you have any questions, please do not hesitate to contact me at (867) 979-3444.

Sincerely,



Goump Djalogue
Senior Planner, MCIP, RPP
Nunavut Planning Commission