



March 25, 2019

Natasha Lear

Manager, Technical Administration
Nunavut Impact Review Board (NIRB)
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Maya Bhatia

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Dear Ms. Lear, Mr. Cote, Mr. K Dwyer, and Ms. Bhatia:

RE: NPC File # 149049 [Impacts of Melting Tidewater Glaciers on Marine Biogeochemical Cycles]

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

1. Scientific research: To monitor the glacier dynamics and hydrology of the Sverdrup, Belcher, Sydkap and Jakeman Glaciers over the course of the multi-year study to determine the quantity, timing and routing of meltwater delivery to the ocean, characterize the chemistry and microbiology of these meltwaters, and evaluate their impact on the downstream marine environment. In doing so, we'll also gain broader understanding of ice cap and tidewater glacier hydrological connections. Data collection methods includes : installation of GPS stations on the glacier surface and install water level sensors in meltwater streams, installation of time-lapse cameras (>10) that will photograph the glaciers/their meltwater throughout the project, collect of ice/meltwater samples , conduct of marine transects, and gather traditional knowledge from the community on the specific marine ecosystems.
2. Location: Qikiqtani Region; [North Baffin, Devon Island, Near Grise Fiord]

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. 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 project proposal requires screening by the Nunavut Impact Review Board (NIRB) because it does not belong to a class of exempt works or activities set out in Schedule 12-1 of the Nunavut Agreement.

By way of this letter, the NPC is forwarding the project proposal with this determination to the NIRB for screening. Project materials, including the applicable conformity requirements, are available at the following address:
<http://lupit.nunavut.ca/portal/project-dashboard.php?appid=149049&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,

A handwritten signature in black ink, appearing to read 'Goump Djalogue', with a stylized, cursive script.

Goump Djalogue
Senior Planner, RPP, MCIP
Nunavut Planning Commission