



February 27, 2017

Mosha Cote
Manager-Research Liaison
Nunavut Research Institute
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By email: mosha.cote@arcticcollege.ca

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

Alexandre Langlois
Universite de Sherbrooke
3500 blvd. de l'Universite
Sherbrooke, QC J1K 2R1
By email: a.langlois2@usherbrooke.ca

Dear Mr. Cote, Ms. Ohokannoak, Mr. Langlois:

RE: NPC File # 148451 Evaluation of Simulated Snow Properties across the Arctic

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

1. Scientific Research:
 - a. Develop a rain-on-snow (ROS) detection method using satellite images,
 - b. Use a snow model to simulate caribou grazing conditions, and
 - c. Characterize snow from satellites.
2. Modifications to the original project proposal:
 - a. Include snow microwave measurements using radiometers
 - b. Fly unmanned aerial vehicle (UAV, DJI Phantom3)

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 determined that this project proposal is outside the area of an applicable regional land use plan, and the works and activities listed above were previously screened by the Nunavut Impact Review Board (NIRB FILE NO.: 15YN003). The above noted project proposal is exempt from the *Nunavut Planning and Project Assessment Act* (NUPPAA) under section 235 of that Act and is exempt from screening by the NIRB under section 12.4.3 of the Nunavut Agreement as amended because it is for a component or activity that does not significantly modify the project.

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

<http://npc.strata360.com/portal/project-dashboard.php?appid=148451&sessionid=>

This decision 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.

If you have any questions, please do not hesitate to contact me at (867) 983-4634.

Sincerely,

A handwritten signature in black ink, appearing to read 'AV', with a long horizontal flourish extending to the right.

Alana Vigna
Senior Planner,
Nunavut Planning Commission