



December 2, 2016

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

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

Elizabeth Patreau
Senior Fisheries Protection Bio
Fisheries and Oceans Canada
501 University Crescent, Winnipeg, MB R3T 2N6
By email: Elizabeth.patreau@dfo-mpo.gc.ca;
fisheriesprotection@dfo-mpo.gc.ca

Department of National Defence
By email: dnd_mdn@forces.gc.ca;
information@forces.gc.ca

Jane Eert
Fisheries and Oceans Canada
9860 West Saanich Road, Sidney, BC V8L 4B2
By email: jane.eert@sfo-mpo.gc.ca

Dear Ms. Ohokannoak, Mr. Cote, Ms. Patreau, Ms. Eert:

RE: NPC File # 148392 Canadian Ranger Ocean Watch

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

1. Scientific Research and Marine-Based Activities

As part of their regular activities, Canadian Rangers will observe the following:

- a. Measurements using an ice auger:
 - i. Snow and ice thickness
 - ii. Snow/ice interface temperature
 - iii. Sea water temperature, salinity, chlorophyll content, and dissolved oxygen
- b. Use of an internally recording Conductivity, Temperature, and Depth instrument with dissolved oxygen and chlorophyll sensors through the ice to the sea floor via a hand cranked winch
- c. Collection of small volumes of seawater for analysis to determine chemical properties such as dissolved inorganic carbon and pH
- d. Use of a small net to collect plankton samples (volumes of ~250mL)
- e. Deployment of free-floating ice buoys to calculate the strength of the ice and help predict ice break up

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. The Nunavut Impact Review Board (NIRB) previously screened the works and activities associated with the current proposal (NIRB FILE NO. 14YN001), however, the NPC has determined that the above-noted project proposal is a significant modification to the project because the boundary of the study area has changed.

The above-noted project proposal requires screening by the NIRB under section 12.4.3 of the Nunavut Land Claims Agreement as amended because it is for a component or activity that was not part of the original proposal and its inclusion is a significant modification of the project. By way of this letter, the NPC is forwarding the project proposal with this determination to the NIRB for screening. Project materials are available at the following address:

<http://npc.strata360.com/portal/project-dashboard.php?appid=148392&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 'Alana Vigna', with a long horizontal flourish extending to the right.

Alana Vigna
Senior Planner,
Nunavut Planning Commission