



28 March 2014

Mr. R. Barry
Nunavut Impact Review Board
PO Box 1360
Cambridge Bay, NU X0B 0C0

Dear Mr. Barry

RE: DRDC Atlantic 2013 Annual Report for Operations at Gascoyne Inlet Camp, Devon Island, Nunavut

References:

- A. Land Use Permit N2008N0027
- B. Water Use Licence 1BC-NWT1113
- C. NIRB 08DN056

The DRDC Northern Watch Technology Demonstration Project will demonstrate an Arctic maritime surveillance capability to the Department of National Defence and other concerned federal departments. This is a multi-year undertaking and is based at Gascoyne Inlet.

The surveillance demonstration system will be unmanned, semi-autonomous, and remotely controlled through a satellite system connection to one of the DRDC centres.

Defence Construction Canada is providing the following annual report, which summarizes the activities in 2013 and outlines the planned activities for 2014. This information is being submitted on behalf of David Hazen, Deputy Director General, Defence Research and Development Canada (DRDC Atlantic).

Summary of 2013 Activities

Unfortunately the 2013 season did not work out as anticipated; only a small DRDC team (10 staff) went up to site for half a day.

Wildlife Log 2013

No wildlife was observed during the brief camp visit. There were indications (claw marks on several buildings) that a bear or bears had been in the camp over the winter or in the spring.

Work Plan for 2014

For the 2014 season DRDC will be maintaining the existing camp, and performing small upgrades to existing infrastructure. From April 7-25 it is expected that this site will be incorporated into Operation Nunavut 2014, no water will be taken or waste deposited during this exercise.

From July 23 – Aug 19 the expectation is that 27 persons will be on site. On land a new science hut will be erected at the surveillance site (Birdseye) above the camp. It will be a prefabricated wooden cabin. A fuel delivery of approximately 20 barrels (4100 L) is expected to arrive on site, all fuel will be stored in a pre-constructed bearded area. Some electrical work will be undertaken, as well as the installation

of a new bear fence and the erection of a small temporary tent. A semi-permanent weather station will be installed at the Birdseye site. This meteorology information will be transmitted to DRDC via satellite. Some in water work is expected, this would involve replacing some fore-shore cables; all waste cable will be removed from site and disposed of at a southern disposal facility.

Compliance with NIRB Terms and Conditions

The DRDC Northern Watch project has endeavoured to comply with all terms and conditions required by the land use permit and all applicable Acts, Regulations and Guidelines.

- All camp fuel was stored and covered, in an impermeable berm located more than 30 m from any water body. The berm liner was covered with gravel, large stones and construction brick residue.
- All camp building material was left neatly stacked.
- The cookhouse was left unlocked and a shovel was left hung up near the door for Hunters and Trappers Association use over the winter.
- DRDC staff was briefed on all of the terms and conditions of licencing including the archaeological and palaeontology requirements.
- No hunting or fishing was conducted by camp staff. All food and food waste were protected from access by local wildlife.

We trust the information provided is sufficient for your records. Please feel free to contact the undersigned if you have any questions or comments.

Sincerely,



Tamara Van Dyck BSc
Environmental Project Coordinator
Defence Construction Canada
613-995-9741
Tamara.VanDyck@dcc-cdc.gc.ca

cc. Bruce Grychowski, DRDC Northern Watch Project Manager, bruce.grychowski@forces.gc.ca