



27 March 2018

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

Dear Mr. Barry:

RE: DRDC Atlantic 2017 Annual Report for Operations at Gascoyne Inlet Camp, Devon Island, Nunavut

References:

A. Land Use Permit N2014N0019

B. Water Use Licence 8WLC-NWT1718

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 2017 and outlines the planned activities for 2018. This information is being submitted on behalf of the Department of National Defence, Defence Research and Development Canada (DRDC Atlantic).

Summary of 2017 Activities

- Testing of scientific equipment;
- Installation of a fuel cell in one of our structures;
- Deployment of a underwater sensor next to the camp through a split pipe ;
- Camp maintenance.

Wildlife Log 2017

- Fox, walrus, various birds;
- Polar Bears observed for four consecutive days (2017-08-09 to 12), only one approached the camp.

Work Plan for 2018

- Testing of scientific equipment;
- Refuel fuel cell;
- Replacement of two structures onsite;
- Camp maintenance.

Compliance with NIRB Screening Determination Terms and Conditions

The DRDC Northern Watch project has endeavoured to comply with all terms and conditions required by the NIRB Screening Determination 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.
- No spills occurred.
- All camp building material was left neatly stacked.
- All waste was removed from camp and shipped to Resolute for disposal.
- 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,



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Figure 1. Gascoyne Inlet Camp 2017



Figure 2. Polar Bear Aug 2017



Figure 3. Canadian Coast Guard vessel arriving to site



Figure 4. Gascoyne Inlet Camp 2017