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Water Resources
Nunavut Regional Office
P.O. Box 100
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June 27, 2011

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0A 1J0

Your file - Votre référence
3BC-CRO----
Our file - Notre référence
CIDM# 470057

Re: 3BC-CRO---- New Water License Application – Bulk Fuel Tank Cleaning and Inspection 2011, PIN-1BG Croker River – Department of National Defence – Kitikmeot Region

Aboriginal Affairs and Northern Development Canada (AANDC) has performed a review of the new water license application, 3BC-CRO---- (Bulk Fuel Tank Cleaning and Inspection 2011, PIN-1BG Croker River), submitted by the Department of National Defence (DND) to the Nunavut Water Board (NWB). The following advice has been provided pursuant to AANDC's mandated responsibilities for the enforcement of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NW&NSRT Act) and the *Department of Indian Affairs and Northern Development Act* (DIAND Act). In conducting our review, AANDC referred to the documents on the NWB's FTP-site under 3BC-CRO----.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4738 or by e-mail at Jean.Allen@inac-ainc.gc.ca

Sincerely,

Original Signed By

Jean Allen
Water Management Specialist

Cc. Tanya Trenholm, A/Manager of Water Resources, Aboriginal Affairs and Northern Development Canada, Nunavut Regional Office
Kevin Robertson, A/Manager of Field Operations, Aboriginal Affairs and Northern Development Canada, Nunavut Regional Office



Technical Review Memorandum

To: Phyllis Beaulieu – Manager of Licensing, Nunavut Water Board

From: Jean Allen – Water Management Specialist, Aboriginal Affairs and
Northern Development Canada

**Re: 3BC-CRO---- New Water License Application – Bulk Fuel Tank
Cleaning and Inspection 2011, PIN-1BG, Croker River – Department
of National Defence – Kitikmeot Region**

A. Project Description

On June 8, 2011 the Nunavut Water Board (Board) distributed the Department of National Defence's (DND) application for a Type B water licence for the disposal of waste at the PIN-1BG site (an unmanned Short Range Radar site of the North Warning System) in Croker River, NU. DND has requested a licence term of less than one year (June to October 2011) to clean and inspect fuel storage tanks at the beach and summit locations of PIN-1BG to preserve the life of the tanks and to complete tank inspections according to environmental standards.

DND proposes to set up a temporary camp of approximately 7 tents to accommodate 8 to 10 people for approximately 11 to 14 days beside the fuel tanks at the PIN-1BG summit and beach locations. The proposed camp sites are located within radar site boundaries (DND property) on Crown Land, approximately 190 km west of Paulatuk, NU.

Water use will be from commercially bottled water flown into the site. Sewage will be covered with lime and buried. Untreated greywater will be disposed of on the land. Solid waste and hazardous waste will be transported outside of Nunavut for disposal.

B. Results of Review

AANDC Water Resources Division offers the following comments/
recommendations for the Board's consideration.

1. General

The applicant should identify the water source intended for use to clean the tanks.



2. Contingency Plan

The Board received a Spill Contingency Plan for 3BC-CRO---- on May 26, 2011. AANDC recommends that the Contingency Plan be updated prior to the field season to include the following information:

- The contact for the Water Resources Officer for the Kitikmeot Region is 867 982-4306
- MSDS for other chemicals on site, including 15W40 engine oil

3. Abandonment and Restoration Plan

While no specific Abandonment and Restoration plan was provided, AANDC feels that the provisions for waste removal and site cleanup provided in the water licence application and the remote camp questionnaire are sufficient to the size and scale of the camp. AANDC recommends that the site be restored according to provisions identified in the application.

Cc. Tanya Trenholm, A/Manager of Water Resources, Aboriginal Affairs and Northern Development Canada, Nunavut Regional Office
Kevin Robertson, A/Manager of Field Operations, Aboriginal Affairs and Northern Development Canada, Nunavut Regional Office