



Water Resources Division
Nunavut Regional Office
Iqaluit, NU X0A 0H0

Your file - Votre référence
1BR-HAL0815

May 1, 2015

Our file - Notre référence
9545-2-3.1BR.HALA

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
Gjoa Haven, NU X0E 1J0

**Re: Aboriginal Affairs and Northern Development Canada's (AANDC) Review of
Defence Construction Canada's Renewal Application for Water Licence #1BR-
HAL0815 DEW Line Clean-Up Project, FOX-M – Hall Beach**

Dear Ms. Beaulieu,

On April 1, 2015, AANDC received notice from the Nunavut Water Board (NWB) regarding the above mentioned application, inviting interested parties to provide comments by May 1, 2015.

AANDC Water Resources Division reviewed the amendment application and the results of our technical review are provided in the enclosed memorandum for the Board's consideration. Comments have been provided pursuant to the Department's mandated responsibilities under the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act*.

Please do not hesitate to contact me at 867-975-3876 or sarah.forte@aandc-aadnc.gc.ca for any additional information.

Regards,

Sarah Forté
Water Management Coordinator

c.c.: Andrew Keim, Acting Manager of Water Resources, AANDC Nunavut
Erik Allain, Manager of Field Operations, AANDC Nunavut

Technical Review Memorandum

To: Phyllis Beaulieu, Manager of Licensing, NWB

From: Sarah Forté, Water Management Coordinator, AANDC

Date: May 1, 2015

Re: Water Licence Amendment and Renewal Application, #1BR-HAL0815

Licensee: Defence Construction Canada
Project: DEW Line Clean-Up Project, FOX-M – Hall Beach
Region: Qikiqtani

A. BACKGROUND

On April 1, 2015 the Nunavut Water Board provided notification to interested parties that Defence Construction Canada (DCC) had submitted an application to renew their Type 'B' water licence, #1BR-HAL0815.

The licence is for monitoring activities at the FOM-M Distant Early Warning line station south of Hall Beach in the Qikiqtani region of Nunavut. The site was determined to be surplus and remediated under the initial Water Licence NWB5HAL0308, which was subsequently renewed as 1BR-HAL0815. The present application requests a twenty five year renewal term. Post closure monitoring activities on site will be continued, following the same monitoring plan presented in 2008.

After the remediation and decommissioning activities completed in 2007, eight landfill areas remain on site and are the subject of continuing monitoring activities. No camp is set up on site as personnel can stay in the hamlet of Hall Beach during monitoring events. Each monitoring event includes visual monitoring, collecting groundwater and soil samples and collecting thermal monitoring data. According to the plan submitted, monitoring events should occur in years 10, 15 and 25 following the initiation of monitoring (2017, 2022 and 2032). After year 25 the data will be reviewed to determine if monitoring every 10 years is appropriate. Bottled water will be used in the camp and DCC is requesting permission to use less than 1 m³/day of water to obtain groundwater samples.

Interested parties were asked to review the information and provide comments by May 1, 2015

B. RESULTS OF REVIEW

General

- 1) The nature of interest in the land has not been specified in box 6.
- 2) The present licence permits drilling activities for the installation of additional monitoring wells. Neither the monitoring program presented nor the present application request permission for drilling operations.
- 3) In the present licence, Part III item A the need for a Spill Contingency Plan is waived yet it is referenced in Part H item 3a. AANDC recommends removing the reference to an approved Spill Contingency Plan.

Compliance

AANDC's understanding is that an agreement between the Board and DCC has been made so that monitoring reports submitted can be considered as annual reports. Monitoring reports are available for 2008, 2009, 2010, 2011 and a record of transmittal is available for 2012. DCC has informed us that they were not on site in 2013 and the 2014 report is delayed. These report years match with planned event years in the monitoring plan.

C. CONCLUSION

AANDC considers DCC's renewal application for water licence #1BR-HAL0815 to be acceptable. The 25-year term requested extends 8 years beyond Phase II of the Monitoring Plan submitted but additional monitoring may be needed following the data review at the end of Phase II and therefore the long term seems appropriate.