



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

NWB#: 1BR-JEN0712  
CIDMS#: 651781

Mar 20, 2013

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

**Re: 1BR-JEN0712 - Jenny Lind Island DEW Line Site - Renewal Application  
– Defence Construction Canada (DCC) - Department of National Defence  
(DND)**

Please be advised that Aboriginal Affairs and Northern Development Canada (AANDC) has completed a review of the Department of National Defence's application for renewal of Water License #1BR-JEN0712, Jenny Lind Island Distant Early Warning (DEW) Line Site located on Jenny Lind Island in the Kitikmeot Region of Nunavut. AECOM is submitting the renewal application on behalf of DCC and the DND. All associated documents related to this license posted on the Nunavut Water Board (NWB) ftp website under #1BR-JEN0712 were included in my review (please see attached technical memo for recommendations).

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4282 or by email at [Ian.Parsons@aandc-aadnc.gc.ca](mailto:Ian.Parsons@aandc-aadnc.gc.ca)

Yours truly,

*Original Signed By*

Ian Parsons  
Regional Coordinator

Cc: Murray Ball, Manager - Water Resources Division, AANDC  
Erik Allain, Manager - Field Operations, AANDC



## Technical Review Memo

To: Phyllis Beaulieu - Manager of Licensing, NWB

From: Ian Parsons - Regional Coordinator, AANDC

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**Re: 1BR-JEN0712 - Jenny Lind Island DEW Line Site - Renewal Application  
– Defence Construction Canada - Department of National Defence (DND)**

### **BACKGROUND:**

The Jenny Lind Island DEW Line Site is located on Jenny Lind Island approximately 150 km East of Cambridge Bay. The Jenny Lind Island DEW Line Site ceased operations and closed in 1992. Jenny Lind Island DEW Line Site was one of 21 DND DEW Line Sites slated for decommissioning and remediation/clean-up.

In 2003 a detailed site investigation was completed and the site clean-up and demolition of facilities were undertaken based on this site assessment. Site clean up was completed in 2009 with post closure monitoring taking place thereafter.

The proponent is proposing to follow a 25-year post-closure monitoring period broken down into three phases with re-evaluation of the site following the 25 years of monitoring. The proponent developed this post-closure monitoring plan in cooperation with Nunavut Tunngavik Inc. (NTI).

### **RECOMMENDATIONS/ COMMENTS:**

- AANDC recommends that the monitoring plan contain the criteria (including limits) to which the proponent plans to monitor against. What is considered effective and are the landfills performing as intended? What are the contaminant level objectives?
- AANDC recommends adding and including Erik Allain, Manager of Field Operations, to the contact list provided in the spill plan. His contact numbers are as follows phone 867-975-4295 and fax 867 975-6445. As



well, the Water Resource Officer contact should be removed as the contact numbers are incorrect.

- AANDC recommends following the Spill Contingency Planning and Reporting Regulations for reporting. Spills are to be reported to Erik Allain, Manager of Field Operations by phone: 867-975-4295 and/or fax 867 975-6445 as well as reporting the spill to the Nunavut Spill Report Line. Also all spills should be contained and reported within the annual report, which is to be submitted to the NWB.
- AANDC notes that in the monitoring plan document under section 2 there appears to be inconsistencies and missing information, Table 3 is titled CAM-3, however Jenny Lind is CAM-1. Also table 3 only list 8 landfills however throughout the document 10 landfills are listed and described; landfills missing from table 3 are main landfill and USAF landfill.
- AANDC is satisfied that the 23 year length of term for the water license renewal currently being requested by the proponent.

Cc: Murray Ball, Manager – Water Resources Division, AANDC  
Erik Allain, Manager - Field Operations, AANDC