



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

Your File: 1BR-CLI  
Our File/CIDM #296507

January 7, 2009

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

**Re: 1BR-CLI, Indian and Northern Affairs Canada – Contaminated Sites  
Directorate, PIN-B Clifton Point Remediation Project, Kitikmeot  
Region, Type “B” New Water Licence Application**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of Clifton Point Remediation Project Type B Water Licence Application. This project is located in the Kitikmeot Region and the application was submitted by Indian and Northern Affairs Canada – Contaminated Sites Directorate, Nunavut. All associated documents related to this license posted on your ftp site under 1BR-CLI were included in my review. Please see the attached Technical Review Memo.

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

Yours truly,

*Original Signed By*

Dee Karadag  
Water Resources Technician

Cc. Kevin Buck, Manager of Water Resources – Indian and Northern Affairs  
Canada, Nunavut Regional Office

Natalie Plato – Director, Contaminated Sites, Indian and Northern Affairs  
Canada



## Technical Review Memorandum

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

**From:** Dee Karadag – Water Resources Technician, Indian & Northern Affairs Canada

**Re:** **1BR-CLI, Indian and Northern Affairs Canada (INAC) – Contaminated Sites Directorate, PIN-B Clifton Point Remediation Project, Kitikmeot Region, Type “B” New Water Licence Application**

The application was submitted to the Nunavut Water Board (NWB) on November 24, 2008 by Contaminated Sites Director, Natalie Plato, INAC. All associated documents related to this license posted on your ftp site under 1BR-CLI were included in my review.

### **Project:**

**File #:** 1BR-CLI  
**Project:** PIN-B Clifton Point Remediation Project  
**Location:** Latitude: 68°13'N; Longitude: 118°38'W  
**Purpose:** Remediation of Contaminated Dewline Site  
**Type:** “B”

The proponent intends to remediate the PIN-B intermediate DEW Line Site in accordance guidance principles specified in INAC's Abandoned Military Site Remediation Protocol.

The following recommendations/comments have been provided pursuant to INAC's mandated responsibilities in accordance with the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* and the *Department of Indian Affairs and Northern Development Act* and should be considered by the NWB during the water license issuing process.

### **Recommendations / Comments**

- 1) INAC requires that the successful contractor for this project submit the following plans specific to the PIN-B Clifton Point Remediation Project:
  1. Contractor Work Methodology Plan; including
    - a) camp operational, including wastewater treatment unit specifications;
    - b) details, including incinerator specifications and contaminated water treatment unit specifications;



- c) project drawings, including final location of camp, staging area, containerization area and any potential sumps, and
- d) a detailed work schedule

2. Environmental Protection Plan

3. Spill Contingency Plan, including

- a) site specific spill response plans;
- b) spill kit quantities and locations;
- c) training; and
- d) key contacts

4. Emergency Response Plan, including

- a) site specific response plans;
- b) roles and responsibilities;
- c) training; and
- d) key contacts

The Nunavut Water Board (NWB) should ensure that these plans are submitted prior to the commencement of project activities.

- 2) Any Spill Contingency Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to Spill Contingency Planning and Reporting Regulations, June 2002*.

In addition, the Response Action Section of the Spill Contingency Plan should make reference to the Nunavut Spill Report Line and include a copy of the Nunavut Spill Report Form. This form can be obtained from the Nunavut Water Board public registry at <http://www.nunavutwaterboard.org>. Please note that the 24-hour Spill Report Line telephone number is (867) 920- 8130 and facsimile number is (867) 873-6924. Furthermore, INAC requests the proponent report all spills to Peter Kusugak, INAC Manager of Filed Operations, phone: 867-975-4295, fax 867-975-6445 as well as the Nunavut Spill Report Line.

- 3) As per Government of Nunavut – Department of the Environment policy, a dual chamber, forced-air incinerator is recommended for the incineration of combustible solid waste products for camps of 10 – 50 persons in order to prevent or minimize the deposition of waste associated with incomplete combustion and leaching of ash residue through run-off from impacting surface waters.
- 4) There should no open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood. Again this is to prevent the deposition of waste materials from incomplete combustion and/or



leachate from contaminated ash residues from impacting any surrounding waters.

- 5) Hazardous waste material resulting from the described site activities, any unused petroleum products and chemicals should be back hauled by the proponent for disposal at an approved facility or re-used as the case may be. All transported waste material must be in accordance with the Government of Nunavut's Environmental Guideline for General Management of Hazardous Waste. The guideline requires that proponents register with the GN as a waste generator and utilize prescribed manifests when transporting hazardous wastes.

Indian and Northern Affairs Canada requests notification of any changes in the proposed project, as further review may be necessary. Please contact me should you have any questions or concerns. I can be reached by telephone at (867) 975-4282 or email at [Dee.Karadag@ainc-ianc.gc.ca](mailto:Dee.Karadag@ainc-ianc.gc.ca).

Regards,

Dee Karadag  
Water Resources Technician