



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

Your File: 1BR-RES0308
Our File/CIDM's #:

Feb 9, 2009

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

Re: 1BR-RES0308 – Resolution Island Project – Renewal – Type “B”

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of a Type “B” Water License Renewal Application for the Resolution Island Project, located in the Baffin Region. All associated documents related to this license posted on your ftp site under 1BR-RES0308 were included in my review (see attached Technical Review Memo).

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4738 or by email at Andrea.Cull@ainc-ianc.gc.ca

Yours truly,

Original Signed By

Andrea Cull
Water Management Specialist



Technical Review Memo

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

From: Andrea Cull – Water Management Specialist, Indian & Northern Affairs Canada

Re: **1BR-RES0308 – Resolution Island Project – Renewal – Type “B”**

The application was submitted to the Nunavut Water Board (NWB) on December 1, 2008 by Natalie Plato, Director of Contaminated Sites, Indian and Northern Affairs Canada. All associated documents related to this license posted on your ftp site under 1BR-RES were included in my review.

The following documents were reviewed:

- ASU Monitoring and Research - Dec, 07
- Resolution Island Long Term Monitoring Plan - Dec, 03
- Resolution Island NWB Licence Renewal Application
- Applicant Response to NWB – Email
- 1BR-RES0308 Water Licence
- Amended Spill Contacts

Project:

Indian and Northern Affairs Canada, Contaminated Sites is applying for a Type “B” Water Licence Renewal for water use and waste disposal associated with activities with the Resolution Island Project.

According to the application the quality of water involved will be 100 cubic metres per day or less including both quantity to be used and quality to be returned to source. Monitoring wells will be purged and then a 3 Litre sample will be taken from each well (maximum of 25 Litres). This meets the Type “B” water licence criteria for Municipal Undertakings, Schedule VI, Northern Territories Water License Regulations.

As a result of the review INAC recommends that the Nunavut Water Board impose standard conditions suitable for municipal projects of this size and magnitude. In addition INAC recommends that the Nunavut Water Board consider the following comments/recommendations for this renewal application:



Recommendations/Comments:

1. Unless submitted previously to the NWB, INAC should provide up to date copies of all plans and information relevant to the project associated with water use and waste disposal that were not submitted with the application within three (3) months of the issuance of any renewal.
2. There should be no open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood. This is to prevent the deposition of waste materials from incomplete combustion and/or leachate from contaminated ash residues from impacting any surrounding waters.
3. 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.

Spill Contingency Plan

The applicant should update the contingency plan submitted with the application to include details that address responding to chemical, petroleum and other spills which might occur during the operation of these facilities. The plan should include, but not be restricted to, a list of available spill response equipment and the names of trained personnel who will be on-site and available in the case of a spill. The Government of the Northwest Territories' Environmental Protection Service has developed a very useful spill planning and reporting guideline to complement their Spill Contingency Planning and Reporting Regulations; both of which have also been adopted by the Government of Nunavut. Environment Canada has also developed Guidelines for the Preparation of Hazardous Material Spill Contingency Plans. The proponent may find these guidelines to be helpful in developing a spill plan.

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