



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

NWB#: 3BC-ELL
CIDMS#: 391344

February 25, 2010

Richard Dwyer
Licensing Administrator
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0A 1J0

Re: New Application, Ellesmere Island Margaret Formation Project (NWB#: 3BC-ELL), University of Colorado

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of University of Colorado's application for a new Type "B" Water License #3BC-ELL, Ellesmere Island Margaret Formation Project located in the Qikiqtani Region of Nunavut. All associated documents related to this license posted on the Nunavut Water Board (NWB) ftp website under 3BC-ELL 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) 975-4738 or by email at Andrea.Cull@ainc-ianc.gc.ca

Yours truly,

Original Signed By

Andrea Cull
Water Management Specialist

Cc: Lou-Ann Cornacchio, Water Resources Manager, INAC



Technical Review Memo

To: Richard Dwyer, Licensing Administrator, NWB

From: Andrea Cull, Water Management Specialist, INAC

Re: New Application, Ellesmere Island Margaret Formation Project (NWB#: 3BC-ELL), University of Colorado

BACKGROUND:

Jaelyne Eberle of the University of Colorado submitted a New Type "B" Water License application to the Nunavut Water Board (NWB) on January 8, 2010.

The University of Colorado is applying for a water license for water use and waste disposal associated with field research (activities include geological mapping, studying rocks and looking for fossil localities) in the Qikiqtani region of Nunavut.

INAC HAS REVIEWED THE FOLLOWING DOCUMENTS:

- Cover letter received January 8, 2010
- Water Licence Application received January 8, 2010
- Supplemental Questionnaire received January 8, 2010
- English and Inuktitut Summary received January 8, 2010
- Camp location map received January 8, 2010
- Field research supplemental information received January 8, 2010
- NIRB confirmation screening is not required received January 27, 2010
- NPC Conformity Review received January 27, 2010

All associated documents related to this license posted on the NWB ftp website under 3BC-ELL were included in my review.

INAC recommends that the Board impose applicable standard conditions to this new water license. In addition, the following comments/ recommendations are provided for your consideration in the licence approval process.



RECOMMENDATIONS/ COMMENTS:

1. Waste

a. Camps / Wastewater Disposal

INAC recommends that all sumps for the disposal of grey water be located a minimum distance of 31m from any water body and such that there are no adverse effects to the quality, quantity and flow of water. Furthermore, all sumps should be backfilled and contoured to match the surrounding landscape prior to the end of the project's field program.

b. No Open Burning

According to EC's Technical Document for Batch Waste Incineration Guidelines, 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 affecting any surrounding waters.

c. Hazardous Waste/ Waste Oil

INAC recommends that the proponent be required to submit copies of all manifest forms related to the transport of hazardous waste/ waste oil as part of the Annual Report for this site.

2. Spill Contingency Plan

INAC recommends that the proponent submit a Spill Contingency Plan addressing the following:

- a. Inclusion of a title page, table of contents and introduction;
- b. Identification of the person in charge including their name, title and contact information;
- c. Identification of a 24 hour contact person including their name, title and 24 hour phone number;
- d. Identification of the plan's effective period;



- e. Description of the contents of the spill kit(s), their capacity and their location(s);
- f. Discussion on when and how spill prevention and spill cleanup training takes place;
- g. Inclusion of a copy of the Nunavut Spill Report Form;
- h. Inclusion of DIAND, GN-DoE, DFO, KIAs in the emergency contact information.

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 Field Operations, phone: 867-975-4295, fax 867 975-6445 as well as the Nunavut Spill Report Line.

Prepared by: Andrea Cull, Water Management Specialist, INAC
Cc: Lou-Ann Cornacchio, Water Resources Manager, INAC