



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

April 9, 2009

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

**Re: 2BE-NUE0810 – Application for Amendment – Cameco Corporation –
Nueltin Lake Project – Kivalliq Region, Nunavut**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the above noted amendment application.

The NWB invited representations to be made to the Board concerning the application by May 6, 2009.

In conducting this review, I have referred to all documents on the Nunavut Water Board FTP site as it relates to 2BE-NUE0810. Attached is a Technical Review Memorandum for your consideration in the approval of the application.

Please feel free to contact me should you have any questions or comments. I can be reached at (867) 975-4566 or by email at trenholmt@inac.gc.ca.

Sincerely,

Original signed by

Tanya Trenholm
Pollution Policy Specialist



Technical Review Memorandum

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

From: Tanya Trenholm, Pollution Policy Specialist - Indian and Northern Affairs Canada – Water Resources Division

Re: **Application for Amendment – Cameco Corporation – Nueltin Lake Project**

Existing Water Licence # 2BE-NUE0810

Background Information:

Cameco Corporation applied to the NWB for an amendment of the existing licence on March 11, 2009. The Proponent requested an amendment to allow for the construction of a 5 person camp..

Recommendations / Comments

Water Use:

The NWB should require the proponent to identify the source of non-potable water to be used for the purposes of camp activities. A location map should be provided to the Board.

Waste Disposal:

The current terms and conditions of the licence relating to the disposal of greywater, hazardous, non-combustible and combustible wastes should continue to apply.

In addition, the NWB should impose terms and conditions that require sewage wastes to be disposed of in latrine pits or in chemical, incineration, portable or composting toilets. Should the proponent be approved for the use of latrine pits then conditions in regard to restoration/remediation of such sewage disposal would also be required.

Fuel Management:

A fuel spill was noted in the 2008 Annual Report. 70 Liters of Jet-A fuel leaked from two barrels in a fuel cache (spill occurred June 16, 2008, reported June 17, 2008). The fuel spill occurred on an esker and the soil was collected and disposed of in the Nueltin Lake Lodge landfill site.



The NWB should impose a condition that requires the use of secondary containment for all fuel caches, regardless of the size of the cache.

Spill Contingency Plan:

The Spill Contingency Plan should specify the number of spill kits on site, the contents of the spill kits, and the location of any spill kits at the camp. A copy of the Spill Contingency Plan should be kept on site.

Abandonment and Reclamation Plan:

Section 5.1 of the Abandonment and Reclamation Plan states 'Grey water: will be disposed of in a small, hand-excavated sump, 1m in diameter and .5 m depth. This will be located at a minimum 20 m from the high-water line of the nearest water body.'

The proponent should be advised that this is in contravention of the existing licence, which indicates that all grey water must be contained in sumps located a minimum of 30 m from the ordinary high-water mark of any water body (Part D, Item 1).

Please feel free to contact me at your convenience should you wish to further discuss any part of this submission to the Board. I can be reached at 867-975-4566 or via email, tanya.trenholm@inac.gc.ca.

Tanya Trenholm

Pollution Policy Specialist
Indian and Northern Affairs Canada
Nunavut Regional Office – Water Resources Division

Cc. Kevin Buck, Manager, Water Resources Division – Indian and Northern Affairs Canada;