



Indian and Northern  
Affairs Canada

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

**Your File: 3BC-CAM0409**  
**Our File/CIDM's #: 311426**

February 25, 2009

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

**Re: 3BC-CAM0409 – New Water Licence Application – CAM-M Cambridge Bay Project  
– Nasittuq Corporation**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of Nasittuq Corporation's application for a Type "B" Water License #3BC-CAM0409, CAM-M Cambridge Bay Project.

At this time Water licence #3BC-CAM0409 is issued to the Department of National Defence (DND). This license expires on June 30, 2009. A new water license application submitted by Nasittuq Corporation (under contract with DND) was received on October 3/08 by the Nunavut Water Board. This application replaces the previous application, requesting a name change from DND to Nasittuq. When the new water licence is issued by the NWB, DND will cancel their existing water licence.

INAC has reviewed the following documents:

- Cover letter dated September 23, 2008
- Water Licence Application Form
- Supplementary Questionnaire
- English and Inuktitut summaries
- Letter dated November 28, 2008 – Response to Issues and Concerns 2
- Site Specific Spill Contingency Plan for BAF-3, dated November 25, 2008
- Insurance Cover Note, dated September 28, 2006

All associated documents related to this license posted on your ftp site under 3BC-CAM0409 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](mailto:Andrea.Cull@ainc-ianc.gc.ca)

Yours truly,

*Original Signed By*

Andrea Cull  
Water Management Specialist



## Technical Review Memo

**To:** Richard Dwyer – Licensing Administrator, Nunavut Water Board

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

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**Re:** **3BC-CAM0409 – New Water Licence Application – CAM-M Cambridge Bay Project**  
**– Nasittuq Corporation**

### **Background**

The existing water licence #3BC-CAM0409 in place for the CAM-M site is issued to DND is set to expire on June 30/09. Nasittuq has applied for a new licence as operator of the site (contracted by DND to operate the North Warning System - NWS). DND will cancel their licence upon issuance of the new licence to Nasittuq.

Further to this a second water license - # 1BR-CAM0520 is issued to Defence Construction Canada (DCC) for the purpose of collecting sufficient information to assess the performance of the landfills from a geotechnical and environmental perspective. This license appears to be separate and distinct from the Nasittuq application. As such INAC recommends that they remain this way. It is anticipated that this will not affect enforcement or inspection related issues.

### **Recommendations / Comments:**

#### **1. Water Use**

The CAM-M site will be staffed with a site population of 18 to 22 people per day during the year, but the population may increase during the summer season. According to the application information provided, the site will require 6 cubic meters of water per day. This meets the Type "B" water license criteria for Municipal Undertakings, Schedule VI, Northern Territories Water License Regulations.

#### **2. Hazardous and Waste Liquids**

Hazardous waste materials stored on-site should be clearly labelled so they will be visible under all conditions, in all seasons. This recommendation is intended to prevent possible damage to the containers.

Unless otherwise specified by the water resources inspector or licence issuing agency, all hazardous materials should be removed from the site on a regular basis to prevent large accumulations. This type of waste must be disposed of at an approved facility outside of the Territory of Nunavut (no known facilities within Nunavut). All transfer of this type of waste must be in accordance with the GN "Guideline for General Management of Hazardous Waste - January, 2002". In addition hazardous wastes should be stored within a lined secondary containment structure to prevent any off site impacts (other secured structures would also be acceptable).

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



### **3. Sewage**

INAC concurs with the water monitoring of the sewage disposal area (CDL-1 and CDL-2) referenced in PART H: Conditions applying to the Monitoring Program of the current water licence #3BC-CAM0409.

### **4. Spills**

Any spill or unauthorized discharge from the sewage lagoon or solid waste disposal area must be reported to the Nunavut Spill Report Line and include a faxed 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.

### **5. Security**

The NWB should impose a condition that requires the applicant, on an annual basis, to provide up to date proof of environmental liability insurance. This could be included as a requirement of the Annual Report.

### **6. Confidential Drawings of On Site Fuel Storage Tanks**

INAC is not opposed to the NWB keeping these drawings confidential.

### **7. Other**

INAC recommends that Nasittuq submit a copy of their Environmental Protection Plan (EPP – referenced in the application) to the NWB as well as INAC's Field Operations Division – c/o A. Keim, Indian & Northern Affairs Canada Nunavut Regional Office, Building 918, P.O. Box 100, Iqaluit, NU X0A 0H0. INAC also recommends that the Terms and Conditions stated in the existing License - #3BC-CAM0409 be applied in any new license issued to Nasittuq.

All other conditions on the current water licence #3BC-CAM0409 appear to be applicable for the CAM-M NWS Long Range Radar Station site.

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