



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

June 26, 2009

Ida Porter
Licensing Administrative Assistant
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU, X0A 1J0

Your File: 3BC-BIL----
Our File: 9545-2-3.3BC.BILA
CIDM's #: 340706

Re: Bathurst Inlet Lodge – New Type ‘B’ Water Licence Application

Indian and Northern Affairs Canada (INAC) has completed a review of Boyd Warner's (Proponent) New Type 'B' water licence application for the Bathurst Inlet Lodge situated in the Kitikmeot Region of Nunavut. The proponent submitted their application to the Nunavut Water Board (NWB) on June 2nd, 2009.

In conducting our review, INAC referred to the documents on the NWB's FTP-Site under 3BC-BIL. 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) 975-4568 or by email at Ian.Rumbolt@inac-ainc.gc.ca.

Sincerely,

Original signed by

Ian Rumbolt
Regional Coordinator



Technical Review Memo

To: Ida Porter – Licensing Administrative Assistant, Nunavut Water Board

From: Ian Rumbolt – Regional Coordinator, Indian & Northern Affairs Canada

Re: Bathurst Inlet Lodge – New Type ‘B’ Water Licence Application

Background

Bathurst Inlet Lodge has been in operation since 1969 and is open to the public approximately 4-10 weeks per year depending on bookings. The lodge is located in the community of Bathurst Inlet. Water is supplied to the lodge from the nearby Burnside River. The proponent is required to obtain a water licence for the use of water and for waste disposal (sewage and general garbage).

Comments/Recommendations:

- 1) The Nunavut Water Board should require the owner/s of fuel stored in Bathurst Inlet at the lodge site to routinely inspect the fuel drums for leakage. Should leakage or spillage be noted by an inspector the owner could be required to install secondary containment. INAC recommends that all proponents install secondary containment, especially at fuel dispensing areas. All unused, leaking/damaged and empty drums should be removed from site on a yearly basis and returned for proper disposal. The lodge owner should advise the Board which parties own and/or are responsible for the fuel caches at Bathurst Inlet (should include types of fuels and quantities).
- 2) All soils contaminated with petroleum hydrocarbons from previous spills, mishandling, etc should be excavated and disposed of using methods suitable, and approved by the Board. This may include disposal in an onsite approved landfarm facility or removal offsite to an approved waste



- disposal site. The Board should consider requiring the current owner to submit a Reclamation Plan within 30 days of license issuance that addresses the clean-up of soil contaminated with hydrocarbons.
- 3) The proponent should be advised by the Board that a Spill Contingency Plan is a stand alone document and must provide all of the necessary information contained in the Spill Contingency Planning and Reporting Regulations developed under the Government of Nunavut's Environmental Protection Act.
 - 4) It was noted in the 2008 INAC Inspection Report that two other satellite camps (Pellat and Burnside Camps) are owned and operated by Bathurst Inlet Lodge (Boyd Warner). If this is correct, then the proponent should include these camps in their water licence application for Bathurst Inlet lodge. Otherwise, the proponent should apply for separate water licences for these two camps. INAC is concerned with the possibility of improper disposal of sewage waste, grey-water and solid waste at these sites.
 - 5) The area that is designated for general garbage and sewage disposal is located on a nearby island. This area has no fencing to stop wind blown garbage from entering water. In addition untreated sewage waste is disposed of in a sand pit which could leach out into water. The NWB should require the proponent to prepare and submit an operation and maintenance plan. Any such plan should have a water quality monitoring component that would identify any impacts to water – i.e. a Surveillance Network Program (SNP).
 - 6) The Board should impose a condition that states “no open burning of plastics, wood treated with preservatives, electrical wire, Styrofoam, asbestos or painted wood to prevent the deposition into any surrounding waters of waste materials from incomplete combustion and/or leachate from contaminated ash residues”.

Should you have any questions or comments, please do not hesitate to contact me at (867) 975-4568 or by email at Ian.Rumbolt@inac-ainc.gc.ca.



Sincerely,

Original signed by

Ian Rumbolt
Regional Coordinator

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