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Water Resources Division  
Nunavut Regional Office  
Iqaluit, NU  
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NWB File: 3BC-FRA1013  
CIDMS #: 455948

Apr 15, 2011

**Re: 3BC-FRA1013 – Water License Amendment Application – Scientific Research – Strathcona Fjord Project, Ellesmere Island - INRS-ETE.**

Please be advised that Indian and Northern Affairs Canada (INAC) has completed a review of the amendment application for water license 3BC-FRA1013 (Strathcona Fjord Project) submitted by Mr. Pierre Francus of INRS-ETE. The Nunavut Water Board (NWB) circulated the amendment application for comments on March 29, 2011. All documents related to the amendment application posted on the NWB ftp site under 3BC-FRA1013 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) 979-4282 or by email at [Ian.Parsons@inac.gc.ca](mailto:Ian.Parsons@inac.gc.ca).

Sincerely,

*Original signed by*

Ian Parsons  
Regional Coordinator

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs Canada, Nunavut Regional Office  
Peter Kusugak, District Manager – Indian and Northern Affairs Canada, Nunavut Regional Office



## **Technical Review Memorandum**

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

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

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**Re: 3BC-FRA1013 – Water License Amendment Application – Scientific Research – Strathcona Fjord Project, Ellesmere Island - INRS-ETE.**

### **Background**

The Strathcona Fjord Project is located adjacent South Sawtooth Lake at the head of Strathcona Fjord, Ellesmere Island. The nearest communities are Resolute located 550 km to the northeast and Grise Fjord located 350km to the south. The site will accommodate 5 people for approximately 12 days and consist of 5 one-man tents for sleeping and 1 four-man tent for cooking.

The amendment application is in regards with two changes:

- 1) The Project name change: From Strathcona Fjord Project to Past modes of Climate Variability from Varved Sediments Project.
- 2) Change in camp location.

### **Recommendations/Comments**

The amendment application is quite well done, however INAC has a few comments.

INAC notes that the amendment application states that the sewage wastes were double bagged and brought back to the Polar Continental Shelf Program (PCSP) in Resolute Bay. INAC recommends that the proponent further explain what happens to the sewage wastes once brought to the PCSP. INAC also recommends that the proponent have written confirmation from the Hamlet of Resolute Bay if the proponent is to use any of the Hamlet's facilities for the disposal of their wastes.

INAC requires that its Manager of Field Operations be notified in the event of any spill (small or large). INAC notes that the correct contact information for INAC in the Spill Plan should be stated as follows: Peter Kusugak – INAC Manager of Field Operations, phone: 867-975-4295, fax 867 975-6445.



INAC notes that Questions 6 and 7 of the amendment application are incomplete. INAC recommends that these questions be completely answered.

INAC notes that the proponent, in filling out the remote camp questionnaire, has indicated that the project is a five year project although the proponent's existing water license is for only two more years. The proponent will need to renew their water license if they continue into the 2013 field season. The NWB recommends that an application for renewal, specifically this licence, be filed with the Board staff at least 3 months prior to the licence expiry date (July 31, 2013).

INAC also recommends that any recommendations made in its June 4, 2010 letter to the NWB continue to be considered, when applicable.

INAC recommends that the applicant provide, to the NWB, the above referenced outstanding information pertaining to the application.

Cc. Jim Rogers, Manager of Water Resources – Indian and Northern Affairs  
Canada, Nunavut Regional Office  
Peter Kusugak, District Manager – Indian and Northern Affairs Canada,  
Nunavut Regional Office