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By Licence Administrator at 4:52 pm, May 30, 2011

May 30, 2011

Our reference
IQALUIT-#464648

Sent by email: licensing@nunavutwaterboard.org

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
Gjoa Haven, Nunavut
X0E 1J0

Your reference
2BE-TUK1015

**Re: Type 'B' Water Licence No. 2BE-TUK1015 – Tuktu Project –
Advanced Exploration Inc. – Qikiqtani Region – Amendment
Application**

Dear Phyllis,

Thank you for your May 19, 2011 request for written representations on the
above referenced water licence amendment application.

A Technical Review Memorandum is provided for the Board's consideration.

Please do not hesitate to contact me by telephone at 867 975-4555 or email at
David.Abernethy@inac-ainc.gc.ca to discuss this submission.

Regards,

David W. Abernethy
Water Resources Regional Coordinator
Operations Directorate
Nunavut Regional Office
Iqaluit, Nunavut
X0A 0H0

Encl.

c.c.: J. Rogers, Water Resources Manager
K. Robertson, A/Field Operations Manager

Technical Review Memo

TO	Phyllis Beaulieu Manager of Licensing Nunavut Water Board	OUR REFERENCE File #9545-2-3.2BE.TUKA IQALUIT-#464648
FROM	David Abernethy Water Resources Regional Coordinator Indian and Northern Affairs Canada	YOUR REFERENCE 2BE-TUK1015 DATE May 30, 2011
SUBJECT	Type 'B' Water Licence No. 2BE-TUK1015 – Tuktu Project – Advanced Exploration Inc. – Qikiqtani Region – Amendment Application	

A. PROJECT DESCRIPTION

On May 19, 2011 the Nunavut Water Board (the Board) provided notification of an application submitted by Advanced Exploration Inc. to amend their Tutktu Project's Type B water licence.

Advanced Exploration Inc. are requesting that their daily water allowance provisions for domestic and drilling purposes be redistributed, changing the domestic water allowance from 3 m³ per day to 10 m³ per day and changing the drilling water allowance from 180 m³ per day to 173 m³ per day. As stated in their cover letter, "This increase will allow the exploration program to be conducted in a shorter time frame by allowing for more people in camp during the current field program, with no planned increase in the overall level of activity expected at Tuktu."

B. RESULTS OF REVIEW

I have the following comments and recommendations for the Board's consideration.

- Some inconsistencies within overall company documentation may be inevitable but those variances, such as between the 2011 Project Plans ("domestic water use is estimated to be a maximum of 7.5 cubic meters per day. Only two (2) drills are planned, each using approximately 90 cubic meters of water per day") and the amendment (10 and 173 m³ per day) should be clarified whenever possible.
- Advanced Exploration Inc. should confirm the total use and the planned capacity of their Tuktu Camp and the number of drill rigs that will be in operation during seasonal exploration programs in their annual report.

- The company should also be reminded to provide the Board with a description of their camp, and the locations, relative to water bodies and camp facilities, dimensions, volumes, and freeboard of all sumps once camp plans are finalized and the drill season has commenced. A schematic of water flows from the camp site, also in the annual report, would be helpful.
- The company should also indicate to the Board where the “approved waste facility” noted in the company plans is located and, if it includes a Nunavut municipal waste disposal site, whether the company has permission from the municipality.

Prepared by David Abernethy

c.c.: J. Rogers, Water Resources Manager
K. Robertson, A/Field Operations Manager