From:	pmag.rochester@gmail.com on behalf of John Tarduno
To:	Erik Skiby
Cc:	Phyllis Beaulieu; Margie Goodison; Evans, Christopher
Subject:	Re: 3BC-UWA---- New Water Licence Application
Date:	Wednesday, April 25, 2012 11:20:04 PM

Dear Erik,

Thank you for your email.

We have checked the requirements with the Canadian Polar Shelf Project, and other information, and have determined that out project does not require a land permit. I understand that you have related that this does not affect our water license, but I want to make this clear given all the complicated agencies involved in our very simple field program.

Specifically, the Crown Lands permit (Class B) is required for a field camp of more than 100 person days or a fuel cache of more than 4000 L. We are not in this category. The other potential items requiring a Class B are as follows:

1. Use of more than 50 kg of explosives but less than 150 kg within 30 days.
2. Use of vehicles that exceed 5 tons (5,080 kg) but less than 10 tons (10,160 kg).
3. Use of power driven machinery that exerts over 35 kpa of pressure on the ground.
4. A campsite used for more that 100 man days but less than 400 man days.
5. Fuel Storage greater than 4,000 litres (880 gal) but less than 80,000 litres (17,598gal) or a single container over 2,000 litres (440 gal) but less than 4,000 litres (880gal).
6. Creating a line, trail or Right of Way exceeding 1.5 metres wide and 4 ha in area.

Again, none of these apply to our program.

I would appreciate it if you would put a note of clarification in our file, documenting that we do not fall in this category. If we have missed something with respect to this point, please let us know.

Regarding grey water and black water, I think again there is some confusion about our project relative, perhaps to larger camps used for commercial enterprises. We are actually at the camp, which consists of 3-4 small mountaineering tents, for a small part of the time (mainly for sleeping) when otherwise we are in the surrounding field area doing geology. Water wastes are minimal, whereas any physical waste is flown out by arrangement with the Canadian Polar Shelf Project.

The white gas is to be used for cooling (only). Regarding our white gas use: you indicate the amounts we use are so small that they are not reportable, but that they still require a spill plan. I cannot remember whether this was included in the paperwork for the Nunavut Water Board, or the subsequent paperwork I have been

directed to file with the Nunavut Research Institute, NPC and NIRB over the last 2 months. But we use a secondary containment "tub" in which the small fuel container is placed. This is a very common, accepted procedure for handling laboratory fluids, and it works well in the field. Should there be a leak, the white gas can be transferred to another container. I hope this addresses your question.

Sincerely,

John Tarduno

Professor of Geophysics
University of Rochester

On Tue, Apr 24, 2012 at 6:54 PM, Erik Skiby <eskiby@nunavutwaterboard.org> wrote:

> Hi John,
>
> My name is Erik Skiby, I have been assigned to your file. I'm conducting a preliminary review of the information you have provide us. I'm looking for a little further clarification with regards to your camp and some of the logistics, including the following items:
>
> Question 15 of General application you listed your type of waste as "other" (food containers to be flown out by polar shelf) – Seeking clarification on any grey or black water waste that will be produced by the camp.
>
> In the remote questionnaire you listed white gas will be used for cooling, do mean for cooking purposes? Although the amounts you listed are not reportable quantities, a basic spill plan will need to be provided.
>
> Also noted, in the remote questionnaire (question 11) you listed your project on crown lands, with a N/A beside permit Number, although this does not affect the processing of your water license, a land permit will be required.
>
> Erik,

Please consider the environment before printing this email

Erik Skiby

Assistant Technical Advisor

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From: pmag.rochester@gmail.com [mailto:pmag.rochester@gmail.com] **On Behalf Of** John Tarduno
Sent: Tuesday, April 24, 2012 2:48 PM
To: Phyllis Beaulieu
Cc: Erik Skiby; Margie Goodison; Evans, Christopher
Subject: Re: 3BC-UWA---- New Water Licence Application

Dear Phyllis,

Please find attached the NPC conformity documents.

Sincerely, John Tarduno

On Tue, Apr 24, 2012 at 4:36 PM, Phyllis Beaulieu
<licensing@nunavutwaterboard.org> wrote:

The Nunavut Water Board acknowledges receipt, on April 10, 2012 of the above application for a water licence. Currently the file is undergoing an internal administrative and technical review prior to our normal 30 day review. There will be a requirement for a NIRB Screening and an NPC Conformity. If you already have these documents on file please forward a copy to my attention.

Regards,

Phyllis Beaulieu

Manager of Licensing

Nunavut Water Board

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