



BRETT HAMILTON

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Re: Nunavut Water Board Type B License Application

Metamorphic geology and tectonics research on Cumberland Peninsula, Baffin Island

To whom it may concern:

I am applying for a Nunavut Water Board type B License for four temporary remote campsites that will support geological research on Cumberland Peninsula, Baffin Island between June 28 and August 11, 2011.

Two people will occupy the tent-based camps for between 8 and 15 days each. Three of the campsites are located between Touak Fiord and Clephane Bay and one is located near Totnes Road in the Valley below Mischief Glacier.

Water is needed for drinking, washing dishes, clothes, and bathing. Each campsite is located beside an unnamed stream or lake and water will be manually extracted from these water bodies with a scoop. Water use will be approximately 0.02 m³ per day.

Waste will include greywater, sewage, and garbage. Greywater (0.01 m³/day), in the form of dirty dishwater and limited soapy water, will be buried in a pit greater than 30m from any water bodies. Human waste (0.001 m³/day) will similarly be buried >30m from water bodies and downstream from the camp water supply. Household garbage will be flown to Pangnirtung and disposed of in the waste facility.

There are no communities or properties located near to, or downstream from, the proposed campsites. The proposed research area is not known to be a common summer hunting or fishing area. It seems highly unlikely that anyone will be impacted by these activities.

Due to the extremely small-scale and limited duration of the activities, almost no environmental impacts are expected.

There is no Inuit Owned Land downstream of the campsites; therefore, these activities will not impact water flowing through Inuit Owned Land.

The construction and teardown of each camp will take less than a day. Each camp will exist for between 8 and 15 days. The project will start June 28 and finish August 11, 2011.

Sincerely,

Brett Hamilton

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