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June 15, 2022

Dear Nunavut Manager of Licensing,

Please find attached an application for Water Use Without a Licence for work as part of the project “Ice Dynamics and Cryospheric Changes in Northern Canada,” led by Dr. Luke Copland of the University of Ottawa, who is copied on these communications. The specific request is for approval for camping as part of a sub-project that we entitle “Glacier Monitoring on Southern Ellesmere Island,” where the work will take place.

This application is a resubmission with a correction to the project title to match the licences and approvals issued by other agencies. Dr. Copland’s project has been approved by the Nunavut Impact Review Board, with confirmation in 2016 that the project (spanning 2016-2040) is compliant. For reference, we attach the 2016 Screening Decision Report. The current sub-project, on the Sydkap and Manson Ice Fields on Southern Ellesmere Island, fall within the areas mapped and approved by NPC in the project. We paste the relevant map at the end of this letter.

I am submitting this application for water use without a license on behalf of our glaciology field team, led by myself and Dr. Copland. We will be accompanied by three graduate students and one post-doctoral researcher. Our work will include helicopter surveys of the Sydkap and Manson Ice Fields, as well as detailed work to study ice-flow dynamics and surface hydrology at Sydkap Glacier. I have attached a detailed description of this sub-project in English and Inuktitut.

We hope to spend the first two nights of our trip at a cabin in Grise Fiord, but if space is not available, we are in contact with local individuals who could provide space for us to camp outside the cabin. We have included these potential camping nights in our application. We then plan to camp near the toe of Sydkap Glacier for six nights with all members of our field team and a local field assistant. This work will take place between August 7<sup>th</sup> and 15<sup>th</sup>, 2022.

Thank you very much for considering our application.

Sincerely,

Karen Alley  
Assistant Professor  
Centre for Earth Observation Science  
University of Manitoba

Sydkap Ice Cap (left), Grise Fiord Ice Cap (center), Manson Icefield (right),  
Ellesmere Island

