

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 017 13R-M

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AFFILIATION: Queen's University

TITLE: High Arctic Permafrost Landscape Stability and Water Quality,Sabine
Peninsula,Melville Island Nunavut

OBJECTIVES OF RESEARCH:

We plan on having will have 2-4 people in camp for three weeks, from July 10th to August 1st, 2013, for a total of approximately 55 person days. Field activities in 2013 will focus on characterizing how river and pond water quality and biological activity varies with the depth of seasonal thaw, and input of water from the subsurface. We will resample some of the ponds examined in 2013 to better determine the processes and organisms responsible for nutrient production. We will sample stream water and measure flow volumes in order to better characterise the impact of sources of subsurface water on water quality in rivers.

TERMS & CONDITIONS:

The holder of the license will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and by the Department of Culture & Heritage archeological sites terms and conditions. These terms and conditions will form part of this license.

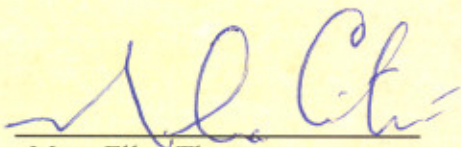
DATA COLLECTION IN NU:

DATES: July 10, 2013-August 01, 2013

LOCATION: Melville Island

Scientific Research License 02 017 13R-M expires on December 31, 2013

Issued at Iqaluit, NU on March 07, 2013


for Mary Ellen Thomas
Science Advisor

