

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 120 11R-M

ISSUED TO: John Smol
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TEAM MEMBERS: J.Smol, M.Douglas, C.Grooms, W.Blake, K.Griffiths, E.Stewart, TBA

AFFILIATION: Queens University

TITLE: Water quality and environmental change at Cape Herschel and Stygge Nunatak Pond, Ellesmere Island.

OBJECTIVES OF RESEARCH:

Lakes and ponds are sensitive repositories of environmental information. We (J.P. Smol, and M.S.V. Douglas) have been monitoring 45 lakes and ponds at Cape Herschel, Ellesmere Island, approximately every 3 years since 1983. This area has become a critical reference site for limnological data. Although we normally only return every 3 years to Cape Herschel, in 2006 we recorded remarkable changes in the ponds. Several had dried up, which we believe is linked to climate warming. As we have done in the past, we will continue to communicate our results using published literature, which we distribute to the Arctic and local hamlet offices, as well as talks and seminars in the Arctic, as well as media interview on the radio and newspapers.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report and by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions, #04YN075. These terms and conditions will form part of this licence.

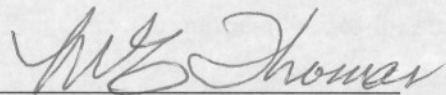
DATA COLLECTION IN NU:

DATES: July 05, 2011-August 05, 2011

LOCATION: Ellesmere Island

Scientific Research License 02 120 11R-M expires on December 31, 2011

Issued at Iqaluit, NU on May 12, 2011



Mary Ellen Thomas
Science Advisor

