

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 048 10R-M

ISSUED TO:

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TEAM MEMBERS:

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AFFILIATION:

York University

TITLE: Hydrology of Extensive Low Gradient High Arctic Wetlands: An Examination of Sustainability

OBJECTIVES OF RESEARCH:

Project Objectives: 1) examine the hydrology and sustainability of isolated, linked, dying and desiccated wetland types (e.g. ponds, wet meadows) within extensive low-gradient wetlands located in two diverse regional climate settings 1) polar oasis (Eastwind Lake, Ellesmere Island); and polar desert (Creswell Bay, Somerset Island); 2) assess the role and importance of geomorphological settings (i.e. glacial moraine ground, bedrock, coastal zones (i.e. Creswell Bay), marine ice rich sediments (i.e. Eastwind Lake) in the hydrologic functioning of these wetland types.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (05YN072) and by the Department of Culture, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:

DATES: June 01, 2007-December 01, 2010

LOCATION: Ellesmere Island, Somerset Island, Bathurst Island

Scientific Research License 02 048 10R-M expires on December 31, 2010

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Mary Ellen Thomas
Science Advisor

