

---

# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

Box 1720, Iqaluit, NU X0A 0H0 phone:(867) 979-7279 fax: (867) 979-7109 e-mail:  
[mosha.cote@arcticcollege.ca](mailto:mosha.cote@arcticcollege.ca)

---

## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 025 12N-A

ISSUED TO:

Derek Muir  
Environment Canada  
867 Lakeshore Road, Office L579  
Burlington, Ontario  
L7R 4A6 Canada  
905 319 6921

TEAM MEMBERS:

D.Muir, P.Amarualik Sr., A.Morris, A.Desilva, R.Lohmann, 1 TBA

AFFILIATION:

Environment Canada

TITLE: Community based seawater monitoring for legacy and current use organic  
contaminants in the Canadian, high Arctic Archipelago.

OBJECTIVES OF RESEARCH:

In June 2007, 2008 and 2010 we analyzed seawater samples for important contaminants from the Barrow Strait region of the Canadian Arctic. Samples were collected using portable pumps through holes in the sea ice. The sea ice conditions have been different every year, and we found lower concentrations of the contaminants during the year when there was no melt during sampling. This might mean that the ice cover has an important effect on these contaminants. Sampling in 2011-2012 would also allow us to compare trends of these contaminants over several years, so we can see how they are behaving over time.

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, Language, Elders and Youth archeological sites terms and conditions. These terms and conditions will form part of this license.

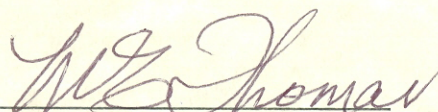
DATA COLLECTION IN NU:

DATES: May 01, 2012-September 15, 2012

LOCATION: Resolute Bay

Scientific Research License 02 025 12N-A expires on December 31, 2012

Issued at Iqaluit, NU on April 11, 2012



Mary Ellen Thomas  
Science Advisor

