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# 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)

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## SCIENTIFIC RESEARCH LICENSE

LICENSE # 02 015 21R-M

ISSUED TO: Christine Michel  
Freshwater Institute  
501 University Crescent  
Winnipeg, Manitoba R3T 2N6 Canada

TEAM MEMBERS: S. Duerksen, J. Charette, P. Trembley, S. Idlout

AFFILIATION: Department of Fisheries and Oceans

TITLE: MAP (Multidisciplinary Arctic Program)-Last Ice

### OBJECTIVES OF RESEARCH:

The general objective of this project is to better understand the sea ice ecosystem in the northern Canadian Archipelago, in particular the old multiyear ice. We will use snowmobiles to go a station on the sea ice where ice conditions are safe. We will have a temporary shelter tent on the ice; which will be used to process sea ice and water samples. At the station, we will collect sea ice cores and cut them in sections for analysis of the ice conditions. We will also collect water samples using sampling bottles and measure salinity and biological conditions. We will use oceanographic instruments to measure the properties (temperature, salinity) of the water column. We also plan to install instrumentation to measure meteorological conditions, ocean currents, and zooplankton during the spring.

### 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 the Department of Culture & Heritage archaeological sites terms and conditions. The license holder will abide by all special public health protection measures imposed by Nunavut's Chief Medical Officer of Health in response to the Covid-19 Pandemic, including restrictions on non-essential travel to Nunavut. These terms and conditions will form part of this licence.

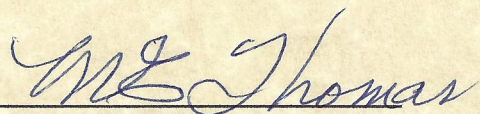
### DATA COLLECTION IN NU:

DATES: May 10, 2021-May 31, 2021

LOCATION: Off Shore Alert, Lincoln Sea

Scientific Research License 02 015 21R-M expires on December 31, 2021

Issued at Iqaluit, NU on February 24, 2021



Mary Ellen Thomas  
Science Advisor

