

SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 01 017 22R-M

ISSUED TO: Yonas Dibike
Hydrologic Modelling & Hydro-Climate Analysis and Impact Studies
Environment and Climate Change Canada
3800 Finnerty Road, 1st, Office B130
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TEAM MEMBERS: L. de Rham

TITLE: Climate Change Effects of a Changing Cryosphere on Northern Lakes

OBJECTIVES OF RESEARCH:

Climate change is projected to cause significant change to arctic aquatic ecosystems. Changes in the thickness and composition of arctic lake ice covers will produce second order impacts on lake biological productivity and ecology. The most important effects are likely to result from changes in temperature and precipitation. While a number of models have been developed to model these changes, their validation has been stalled by lack of relevant field data. Relevant field data has been gathered annually since 2009.

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.

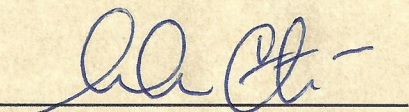
DATA COLLECTION IN NU:

DATES: March 1, 2022 to July 30, 2022

LOCATION: Lake Hazen, Lower Dumbell Lake

Scientific Research License 01 017 22R-M expires on December 31, 2022

Issued at Iqaluit, NU on March 23, 2022

for 
Jamal Shirley
Science Advisor

