

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 008 20R-M

ISSUED TO: Kristina Brown
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TEAM MEMBERS: B. Williams, D. McLennan

AFFILIATION: Institute of Ocean Sciences

TITLE: Monitoring Seasonal Environmental Change in Rivers of the Kitikmeot Region

OBJECTIVES OF RESEARCH:

Rivers directly link the land and the ocean by delivering freshwater, heat, nutrients, and carbon to the coastal system. Observing river systems is therefore key to understanding the impacts of terrestrial environmental change on Arctic ocean health. This project aims to enhance our capacity to directly observe the physical and biogeochemical characteristics of rivers across the Kitikmeot Region by developing in-situ observational systems ("river moorings") to carry out these measurements continuously. These river moorings will provide the first time series observations of river physical and biogeochemical parameters in the Kitikmeot Region, observations that are crucial to understanding and predicting the impacts of terrestrial change on the Kitikmeot marine system.

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: June 15, 2020-December 31, 2020

LOCATION: Tree River, Hood River, Burnside River, Western River, Coppermine River,
Freshwater Creek

Scientific Research License 04 008 20R-M expires on December 31, 2020
Issued at Iqaluit, NU on August 17, 2020



Mary Ellen Thomas
Science Advisor

