

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 015 18R-M

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AFFILIATION:

TITLE: Deployment of Environmental Instrumentation in Grenier Lake, Cambridge Bay

OBJECTIVES OF RESEARCH:

The following installation and maintenance activities are proposed for the 2018 field season: Replacement of the damaged sensor and power cables, and the armouring of all cables of the POLAR weather station, and bringing the station online. -Redeployment of sensor of the east watershed station, and bringing this station online shortly after ice melt. -Moving the First Lake river gauging station from its present location to the new site proposed in 2017.-Assessment of the damage, replacement, and armouring of the cables of the upland eddy covariance tower.-Continuation of the installation of the wetland eddy covariance tower after protecting all its cables by metallic armour.-Repairing the damage of the ADAPT permafrost monitoring station.-Installation and operation of the automated soil CO2 chamber system in the IMA.

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (15YN032) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:

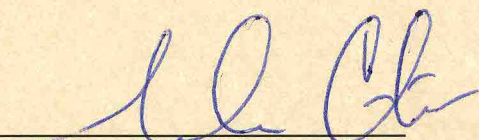
DATES: March 16, 2018-December 31, 2018

LOCATION: Grenier Lake Watershed, Cambridge Bay

Scientific Research License 04 015 18R-M expires on December 31, 2018

Issued at Iqaluit, NU on March 16, 2018



for 
Mary Ellen Thomas
Science Advisor