

Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 016 15N-M

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AFFILIATION: Aboriginal Affairs & Northern Development Canada

TITLE: Deployment of environmental instrumentation in Grenier Lake watershed, Cambridge Bay, Victoria Island.

OBJECTIVES OF RESEARCH:

Climate change is expected to be more severe in the Arctic compared to other regions, where changes in both temperature and precipitation are predicted in the near future. These changes will have a significant impact on the ecosystems of this region. Of special concern is the disruption of the carbon cycle in the arctic, where positive feedbacks may further accelerate changes in the global climate. Tundra ecosystems store almost half of the global soil carbon, and the warming of the arctic, the increase in precipitation and subsequent enhanced permafrost melting could release this sequestered carbon, and thus hasten global climate change.

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: July 15, 2015-October 31, 2015

LOCATION: Grenier Lake Watershed

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Mary Ellen Thomas
Science Advisor

