
Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 019 14N-A

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TEAM MEMBERS: M.Rautio, 1 Student TBA

AFFILIATION: Aboriginal Affairs & Northern Development Canada

TITLE: Arctic Freshwater Biodiversity in Cambridge Bay.

OBJECTIVES OF RESEARCH:

A major factor of Arctic landscapes is their large number of lakes and ponds, which in some regions can cover up to 90% of the total surface area. In its entirety, the Arctic has been referred to as "the world's largest wetland." These numerous lakes and ponds provide important spawning and rearing habitat for fish species important as food for northern communities, especially char and lake trout. They also contribute significantly to Arctic biodiversity and can be viewed as oases in the tundra. The objectives of this project are to document the Arctic freshwater biodiversity in Cambridge Bay. Identify the variability in essential indicators of/for freshwater ecosystems that are suited for biodiversity assessment, and to measure abiotic parameters that are relevant to freshwater biodiversity.

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. These terms and conditions will form part of this licence.

DATA COLLECTION IN NU:

DATES: August 27, 2014-September 30, 2014

LOCATION: Cambridge Bay

Scientific Research License 04 019 14N-A expires on December 31, 2014

Issued at Iqaluit, NU on September 05, 2014



Mary Ellen Thomas
Science Advisor

