

# Nunavummi Qaujisaqtulirijikkut / Nunavut Research Institute

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## SCIENTIFIC RESEARCH LICENSE

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### TEAM MEMBERS:

AFFILIATION: University of Bristol

TITLE: Nutrient Cycling in Cambridge Bay

### OBJECTIVES OF RESEARCH:

The aim of the project is to collect pilot data for nutrient cycling studies out of the Canadian High Arctic Research Station (CHARS), Cambridge Bay. Samples and data will be collected using a small boat, along a transect along the fjord away from land. Physical water data (temperature and salinity) will be collected using sensors, and water samples will be collected for laboratory analysis (major and trace nutrients, and their isotopes). Additional samples of river and stream waters will be collected to assess the nature of the water flowing into the fjords. The water samples will be filtered in the laboratory at CHARS and exported to the UK for analysis.

### 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: June 01, 2019-July 31, 2019

LOCATION: Cambridge Bay

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Mary Ellen Thomas  
Science Advisor

