

SCIENTIFIC RESEARCH LICENSE

LICENSE # 04 032 26N-M

ISSUED TO: Amanda Savoie
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AFFILIATION: Canadian Museum of Nature

TITLE: Arctic Kelp Forests and Seaweed Biodiversity in Cambridge Bay

OBJECTIVES OF RESEARCH:

The main objectives of the proposed research program are: (1) to explore subtidal sites around Cambridge Bay to determine the presence or absence of seaweed and kelp forests, and establish suitable sites for long-term monitoring; (2) to collect seaweed specimens for identification and use a combination of molecular techniques (DNA barcoding) and traditional taxonomic methods (anatomy and morphology) to accurately assess macroalgal species diversity and biogeography, while also assessing biomass for selected sites; and (3) take video transects of kelp forests and use drop-cameras and quadrats to assess invertebrate & fish diversity both in and out of kelp forests. The main short-term objective is to better understand the coastal marine environment around Cambridge Bay, with a focus on benthic seaweeds and invertebrates. The main long-term objective for this project is to gather enough baseline data to detect change in the marine environment, as ocean warming and ocean acidification mediated by climate change affect marine life

TERMS & CONDITIONS:

The holder of the licence will be bound by the terms and conditions of the Nunavut Impact Review Board Screening Decision Report (NIRB File # 26YN007) and the Department of Culture & Heritage archaeological sites terms and conditions. These terms and conditions will form part of this licence.

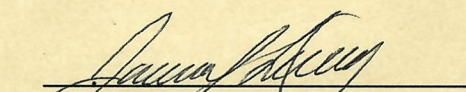
DATA COLLECTION IN NU:

DATES: August 05, 2026-September 30, 2026

LOCATION: Cambridge Bay

Scientific Research License 04 032 26N-M expires on December 31, 2026

Issued at Iqaluit, NU on June 26, 2026


James Shirley
Science Advisor

