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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 02 008 23R-M

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TITLE: Green Edge-Legacy Project

OBJECTIVES OF RESEARCH:
This research aims to improve our knowledge about the dynamics of the phytoplankton spring bloom and at indentify its role in the Arctic Ocean of the future, including its impact on human populations. The culture, health and economic capacity of northern communities are closely linked to marine resources supported by the phytoplankton spring bloom (PSB).This project aims to improve our understanding of the processes that control the Arctic PSB as it expands northward and to determine its fate in the foodweb. As follow-up activities, we will go back to Qikiqtarjuaq to test updated equipment to measure light through the snow and sea ice and under the ice pack. Water samples will also be collected to measure nutrients and phytoplankton in the water column before, during and after the PSB.

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: April 1,2023 to December 31,2023
LOCATION: Qikiqtarjuaq

Scientific Research License 02 008 23R-M expires on December 31,2023
Issued at Iqaluit, NU on January 3,2023

Jamal Shirley
Science Advisor

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