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SCIENTIFIC RESEARCH LICENSE

LICENSE NUMBER 03 014 22R-M

ISSUED TO: Jennifer Provencher
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TEAM MEMBERS: J.Enook,E.Richardson, 1 TBA

TITLE: Assessing Contaminants in Migratory Bird Habitats in Nunavut

OBJECTIVES OF RESEARCH:
Many contaminants are toxic and can accumulate in foodwebs, affecting the health of wildlife and humans. They can be carried by wind and water from sources to the Arctic. Birds are also thought to carry some contaminant to the Arctic as well. This project will focus on several contaminants in seabirds and their habitats in relation to another transmission route of contaminants, shipping and vessel traffic. We will focus on two groups of contaminants known to be associated with vessels - oil related contaminants and plastic pollution. We propose to install passive air samplers for organic contaminants in the Pond Inlet area. Passive sampling refers to collecting contaminants from air on a trap that sits out in the open without any pumps pulling in the air. Passive samplers are a low-cost, low-maintenance way to monitor contaminants because they do not require power for pumps or a shed to house the instruments. They are unobtrusive and they make no noise, do not produce any emissions and they simply sit outside and trap contaminants from the air. This sampling method is ideally suited to the Arctic environment. It is also suitable for involving students or other interested persons in sample collection, enhancing communication with local communities and creating training opportunities.

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

DATA COLLECTION IN NU:
DATES: June 1,2022 to December 31,2022
LOCATION: Arviat, Pond Inlet

Scientific Research License 03 014 22R-M expires on December 31,2022
Issued at Iqaluit, NU on August 11,2022

Mosha Cote
Science Administration
Officer

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