



Licence #: S-21/22-1048-NU

Annie Mercier
Marine Lab Rd
St. John's, NF, CA A1C 5S7

Dear Annie Mercier,

Enclosed is your Licence to Fish for Scientific Purposes issued pursuant to Section 52 of the Fishery (General) Regulations.

Failure to comply with any of the conditions specified on the attached licence may result in a contravention of the Fishery (General) Regulations.

Please be advised that this licence only permits those activities stated on your licence. Any other activity may require approval under the Fisheries Act or other legislation. It is the Project Authority's responsibility to obtain any other approvals.

Please ensure that you include the licence number and project title in any future correspondence and that you complete the Summary Harvest Report upon completion of activities under this licence.

Yours truly,

Jenna Kayakjuak
License Delivery Officer
Fisheries Management
Arctic Region
Fisheries and Oceans Canada
Enclosure

Date

LICENCE TO FISH FOR SCIENTIFIC PURPOSES

S-21/22-1048-NU

Pursuant to Section 52 of the Fishery (General) Regulations, the Minister of Fisheries and Oceans hereby authorizes the individual(s) listed below to fish for scientific purposes, subject to the conditions specified.

Project Authority: Annie Mercier
Marine Lab Rd
St. John's, NF, CA A1C 5S7
Memorial University, Dept Ocean Sciences

Other Personnel: Jean-Francois Hamel (SEVE)
Doug Chiasson (WWF-Canada)
Sara Jobson (Memorial University)
Rachel Morrison (Memorial University)
Sophie Wolvin (Memorial University)
Nathalie Marquet (Memorial University)
David Deslauriers (UQAR)
Andra Florea (UQAR)
Terry Noah (Grise Fiord)
Sanikiluaq HTA members
Grise Fiord HTA members

Objectives: Community-based study of benthic assemblages in the Arctic

- 1) Refine our knowledge of marine benthic resources available near the two Nunavut communities, with a focus on echinoderms and assessing the influence ice edges on population dynamics.
- 2) Conduct diversity and stock assessments and provide preliminary guidelines on the potential for sustainably harvesting key benthic taxa, including the design of management and conservation plans.
- 3) Mobilize the local Inuit communities (including school-age youth) in order to co-develop and share knowledge and build capacity related to the protection of benthic resources, community-led approaches to scientific studies, and marine education.

CONDITIONS

Specified Conditions:

FISHING GEAR:

Collection by either ROV grab or local harvesters will be collecting the samples using fishing gear. The ROV will either be deployed through holes in the ice or towed from a boat in the community. We will opportunistically use local fishing gear (nets, rakes and mini trawls) to obtain additional samples of the sediment and benthos. All the work will be conducted inshore (<100 m).

Waters:

Water Body: SANIKILUAQ AREA

Point A: 56° 32' N, 79° 14' W

Species: Sea Urchins

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				150				

Water Body: SANIKILUAQ AREA

Point A: 56° 32' N, 79° 14' W

Species: Sea Cucumber (Unspecified)

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				150				

Water Body: SANIKILUAQ AREA

Point A: 56° 32' N, 79° 14' W

Species: Benthos

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				50				

Water Body: Grise Fiord Area

Point A: 76° 25' N, 82° 54' W

Species: Benthos

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				50				

Water Body: Grise Fiord Area

Point A: 76° 25' N, 82° 54' W

Species: Sea Urchins

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				150				

Water Body: Grise Fiord Area

Point A: 76° 25' N, 82° 54' W

Species: Sea Cucumber (Unspecified)

Gear: See Conditions

Total Weight	Weight Live	Weight Dead	Number Alive	Number Dead	Number Tows	Number Sets	Hours	Minutes
				150				

Fishing Period: March 15, 2022 to September 30, 2022

A copy of this licence must be available at the study site and produced at the request of a fishery officer.

Live fish may not be retained unless specified in the conditions of this licence.

The licence holder shall immediately cease fishing when the total fish killed or live sampled reaches any of the maximums set for any of the species listed.

Transportation:

Other approvals/permits may be necessary to collect or transport certain species, such as Marine Mammal Transportation Permits. For marine mammal parts, products and derivatives a Marine Mammal Transportation Licence is required for domestic transport and, for international transport a Canadian CITES Export Permit is also required.

Report on Activities:

The Project Authority will submit to the License Delivery Officer, Department of Fisheries and Oceans, within one month of the expiry date, a report stating:

- i) whether or not the field work was conducted; and if conducted
- ii) waterbody location, fishing coordinates, gear types used at each coordinate, numbers or amount of fish (by species) collected and/or marked and the date or period of collection.

A Summary Harvest Report template is provided by the License Delivery Officer at time of issuance of this licence .

The Project Authority also will provide a copy of any published or public access documents which result from the project . Information supplied will be used for population management purposes by the Department of Fisheries and Oceans and becomes part of the public record.

All documents should be sent to:

Fisheries and Oceans Canada
Fisheries Management
Arctic Region
P.O. Box 358
Iqaluit, NU X0A 0H0

Attention: Licence Delivery Officer

Telephone: (867) 979-8005

Fax: (867) 979-8039

E-mail: XCNA-NT-NUpermit@dfo-mpo.gc.ca

Allison McPhee
A/ Regional Director, Fisheries Management
Arctic Region
Fisheries and Oceans Canada

Date

For the Minister of Fisheries and Oceans.

Pursuant to Section 52 of the Fishery (General) Regulations.