



Licence #: S-24/25-1050-NU

David Deslauriers  
310 Allée des Ursulines  
Rimowski, PQ, CA G5L 3A1

Dear David Deslauriers,

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,

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Colin Charles  
Fisheries Management  
Arctic Region  
Fisheries and Oceans Canada

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Date

Enclosure

LICENCE TO FISH FOR SCIENTIFIC PURPOSES

S-24/25-1050-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:** David Deslauriers  
310 Allée des Ursulines  
Rimowski, PQ, CA G5L 3A1

**Other Personnel:** Camille Berthod, postdoctoral researcher

**Objectives:** The truncate softshell clam as an indicator of eco-geochemical conditions around the community of Qikiqtarjuaq, Nunavut.

The main objective of this project is to contribute to the knowledge of food health in countries by examining the impact that the accumulation of microplastics could have on the softshell clam. Additionally, we seek to understand how components of the regional ecosystem (e.g., temperature, productivity) are changing, using a subsistence and heritage species, the truncated softshell clam, as a proxy for environmental change. Our project, directly aligned with the research requests expressed by the Nattivak HTA, will therefore collect baseline data on the oceanographic (surface/subsurface sea, inorganic carbon, oxygen) and biological (phytoplankton, invertebrates) components of the target ecosystem established at the national level. By combining sclerochronological, geochemical, morphometric, and ecotoxicological approaches, we aim to facilitate the conservation of this heritage species near the community of Qikiqtarjuaq, NU.

CONDITIONS

**Specified Conditions:**  
See Appendix A for map of authorized sampling locations

**Waters:**

**Water Body:** Qikiqtarjuaq  
Point A: 0° 0' N, 0° 0' W

Species: Soft Shelled Clam

Gear: Hand Harvest  
Rake Drag  
Sample from Subsistence Harvest

| Total Weight | Weight<br>Live | Weight<br>Dead | Number<br>Alive | Number<br>Dead | Number<br>Tows | Number<br>Sets | Hours | Minutes |
|--------------|----------------|----------------|-----------------|----------------|----------------|----------------|-------|---------|
|              |                |                |                 | 80             |                |                |       |         |

**Fishing Period:** August 01, 2024 to March 31, 2025



**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.**

**Authorized Study Areas:**

See Appendix A for map of authorized sampling locations

**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.

**Disposal of Fish Caught:**

Fish not required for the purpose of dead sampling and/or retention **MUST** be returned to the water at the site of capture. Retained fish may be made available to the nearest settlement for domestic consumption or sold commercially within the Territory. Any dead fish for commercial sale beyond the Territory in which it was caught requires authorization under the Fish Inspection Regulations. Disposal of any fish remains must be in accordance with local land use regulations.

**Report on Activities:**

The Project Authority will submit to the Area Licensing Coordinator, 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 Licensing Coordinator 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:  
DFO.ArcticLicensing-PermisArctique.MPO@dfo-mpo.gc.ca

**Retention & Disposal of Fish Caught:**

Fish not required for the purpose of dead sampling and/or retention **MUST** be returned to the water at the site of capture. Retained fish may be made available to the nearest settlement for domestic consumption or sold commercially within the Territory. Any dead fish for commercial sale beyond the Territory in which it was caught requires authorization under the Fish Inspection Regulations. Disposal of any fish remains must be in accordance with local land use regulations.



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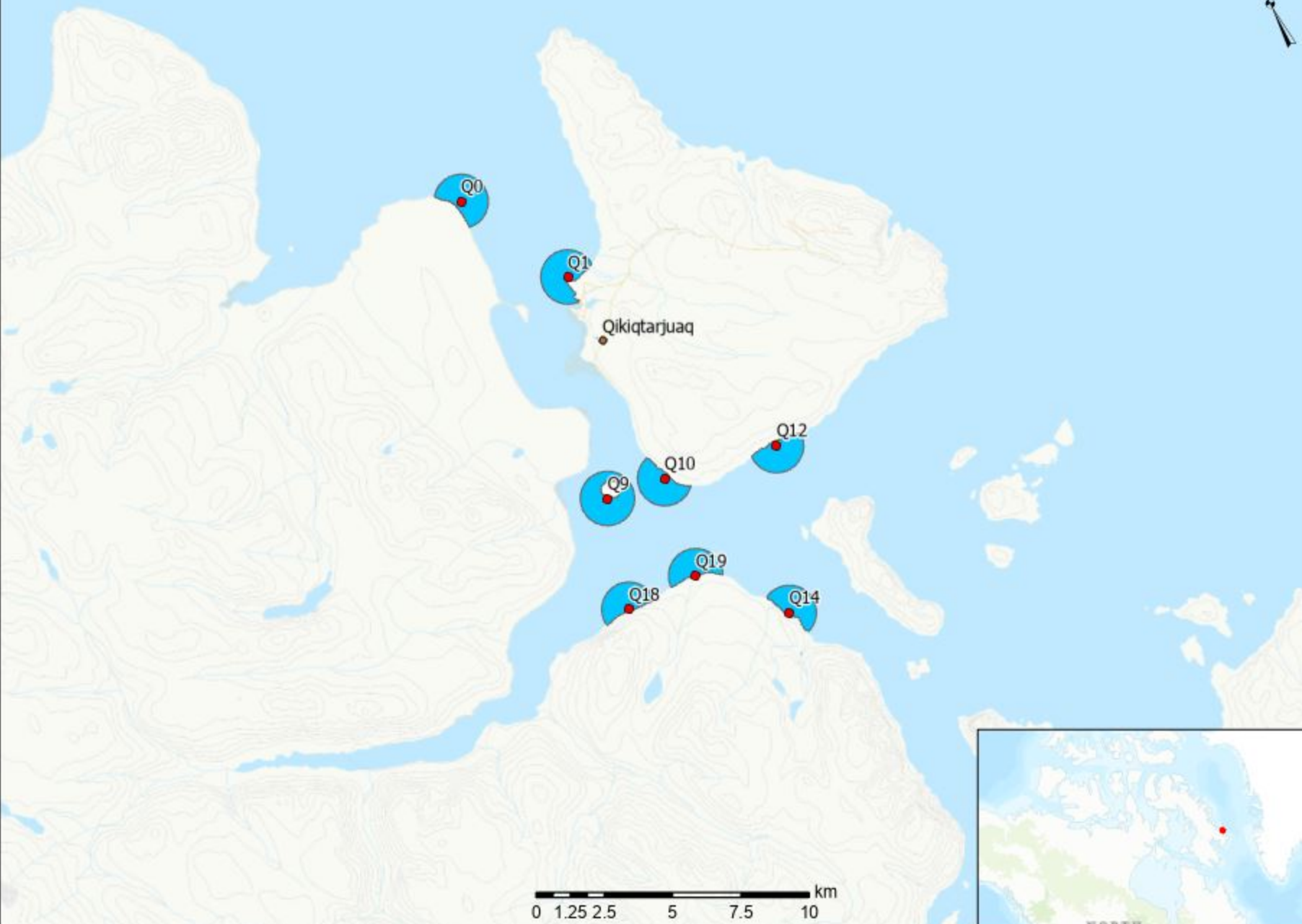
Jason Simms  
A/ Regional Director, Fisheries Management  
Arctic Region  
Fisheries and Oceans Canada

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Date

For the Minister of Fisheries and Oceans.  
Pursuant to Section 52 of the Fishery (General) Regulations.

## Licensed Waterbodies



0 1.25 2.5 5 7.5 10 km

