

NPC 151106: Tallurutiup Imanga NMCA Research and Monitoring Pilot Project

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Proposal Status: Conformity Determination Issued

[Overview Documents](#)

[Project Overview](#)

Type of application: New

Proponent name:

Vincent Marmillot

Proponent company:

Parks Canada

Project Description:

As part of the establishment of the Tallurutiup Imanga National Marine Conservation Area (TINMCA), a Research and Monitoring Strategy is being co-developed with Parks Canada, the Qikiqtani Inuit Association (QIA), Fisheries and Oceans Canada (DFO), and Transport Canada (TC), in collaboration with the five communities adjacent to the protected area (Arctic Bay, Clyde River, Grise Fiord, Pond Inlet, and Resolute Bay). This monitoring program is intended to be implemented incrementally over the next several years, with the goal of addressing Inuit concerns identified through in-person engagement with community members since 2023. The monitoring will focus on indicators aligned with Inuit priorities and needs, helping to assess the state of the NMCA and informing decision-making for its management. The pilot project proposed for 2026 aims to identify optimal sampling stations, to provide training in oceanographic measurements, and potentially to collect initial data on seawater properties, sea conditions, and some data on seabird and marine mammal abundance and distribution.

[Project Schedule](#)

Start Date:

2026-08-15

End Date:

2026-08-30

[Project Map](#)

List of project geometries:

Id

Geometry

Location Name

[20659](#)

polygon

PP2026TINMCA

NPC Planning regions:

North Baffin

[Project Land Use and Authorizations](#)

Project Land Use:

Scientific Research

Marine-Based Activities

Scientific Research

Licensing Agencies:

Government of Canada - Canadian Wildlife Service

Nunavut Research Institute

Nunavut Impact Review Board

[Material Use](#)

Equipment:

Type

Quantity

Type

Use

Small boat

1

7m

transport to sampling stations

CTD + loggers

1

1m

Measure the seawater properties (conductivity, temperature, Depth, Fluorescence, dissolved oxygen, turbidity, Carbon dioxide)

Drone

1

0.5

Sea Ice and seabirds survey

Fuel Use:

Type

Container

Capacity

Use

Gasoline

10

25

Four stroke engine of the boat

Hazardous Material and Chemical Use:

Type

Container

Capacity

Use

No data found

Water Consumption:

Daily Amount (m²)

Retrieval Method

Retrieval Location

0

Waste and Impacts

Environmental Impacts:

Potential adverse effect and mitigation measures: - Marine mammals and birds from noise and proximity: Standard mitigations about minimum distances from wildlife will be followed, including those developed by DFO and the Canadian Wildlife Service. Mitigations specific to drone use will also be followed and only a trained pilot will operate the drone. - Fuel spills: Mitigations will be followed on how to safely fuel the boat and how to address potential spills. - Disturbance of Inuit engaging in harvesting or cultural activities: Consultations will take place with the HTO of Pond Inlet to ensure the proposed timing and location of the project does not affect community members' harvesting and cultural activities and to modify proposed plans accordingly. - Disturbance of seafloor from temporary anchoring: Mitigations will be researched and implemented as needed.

Waste Management:

Waste Type

Quantity Generated

Treatment Method

Disposal Method

No data found