

NPC 150274: Nanuit Itillinga NWA and Seymour Island (Naujavaat) MBS Management Activities

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Proposal Status: Conformity Determination Issued

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[Project Overview](#)

Type of application: New

Proponent name:

Charlie Nakashuk

Proponent company:

Environment and Climate Change Canada - Canadian Wildlife Service

Project Description:

To better manage the Nanuit Itillinga National Wildlife Area, we would like to install remote cameras and acoustic recording units to monitor the biodiversity present in the area and more precisely estimate the abundance of caribou and the specific area used by the herd when crossing the pass. Installed in a line with motion detection and time-lapse setting picture will help collect important data for the protected area management plan. The automatic recording unit will also help investigate insects' abundance, wolf presence/absence, anthropogenic disturbance, as well as bird song. We would install 4 to 6 camera/ARUs along the north side of the valley by helicopter. It should take 30 minutes per stop to install them. Depending on weather and the state of the cabin at 75.716667, -98.416667, we might spend time there doing maintenance on the cabin and potentially spending an evening there. Additionally, we will visit Seymour Island (Naujavaat) on a day trip to install acoustic recording units and remote cameras. Naujavaat Migratory Bird Sanctuary has been created to protect one of the largest known colonies of Ivory Gull. Nevertheless, no recent record of presence exists on the island. We would like to install remote cameras and automatic recording unit to improve our capacity to detect the presence of nesting Ivory Gull on the island.

Project Schedule

Start Date:

2024-06-01

End Date:

2024-08-31

Project Map

List of project geometries:

Id	Geometry	Location Name
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[11272](#)

point

Nanuit Ittilinga cabin location

[11871](#)

point

Seymour Island desired location for camera and ARU set up.

NPC Planning regions:

North Baffin

Project Land Use and Authorizations

Project Land Use:

Scientific Research

Scientific Research

Licensing Agencies:

Government of Canada - Canadian Wildlife Service

Government of Canada - Canadian Wildlife Service

Government of Nunavut - Department of Environment

Material Use

Equipment:

	Type	Quantity	Type	Use
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NWA Cabin

1

Unknown

There is a cabin in Nanuit Ittilinga NWA. It will be used if the crew is grounded and must stay overnight for any reason.

Helicopter

1

32.4 ft

Bell 206L (LR) will be used to get from Resolute Bay (PCSP) and transport the crew to the locations of work. It will return the crew to Resolute Bay each day.

Twin Otter

1

20 m

To transport 7 drums of fuel from Resolute Bay to the Nanuit Itillinga cabin for fuel caching. This cache may be built in 2 trips anytime between June 1 and 30. Between July 17 and Aug 31, all fuel caches will be removed by twin otter in multiple trips.

Fuel Use:

	Type Container Capacity Use
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Propane

2

4

Potentially to heat the cabin and use as a fuel source for cooking if the crew stays overnight in Nanuit Itillinga cabin.

Aviation fuel

7

205

For use of the helicopter to travel to and from Nanuit Itillinga National Wildlife Area to Seymour Island (Naujavaat Migratory Bird Sanctuary) and Resolute Bay. Will bring the crew back to Resolute each day.

Hazardous Material and Chemical Use:

	Type Container Capacity Use
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No data found

Water Consumption:

	Daily Amount (m ²) Retrieval Method Retrieval Location
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0

Waste and Impacts

Environmental Impacts:

The field team is responsible for removing and properly disposing of any waste they may accumulate while carrying out this work. Waste such as garbage will be transported back to Resolute with the crew. Human waste will be disposed of in poop bags that will be transported to Resolute with the crew. Disturbance

to wildlife will be kept to a minimum, with a safe distance maintained when any wildlife is encountered. The helicopter will keep a safe distance from all wildlife. Wildlife interaction will be avoided.

Waste Management:

Waste Type
Quantity Generated
Treatment Method
Disposal Method

Sewage (human waste)

2 bags/day per person(6) x 3 days = ~ 36 poop bags

NA

Poop bags will be transported back to Resolute with the crew