



NIRB Uuktuutinga Ihivriughikhamut #125970

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

Uuktuutinga Qanurittuq:	New
Havaap Qanurittunia:	Scientific Research
Uuktuutinga Ublua:	5/28/2024 10:48:45 AM
Period of operation:	from 2024-06-01 to 2024-08-31
Havauhikhaq	Jessica Kassar
Ikayuqtinga:	Environment and Climate Change Canada - Canadian Wildlife Service 301-933 Mivvik Street Iqaluit Nunavut X0A 2H0 Canada Hivayautit Nampanga:: 6479643647, Kayumiktukkut Nampanga::

Tukhiannaqtunik havaariya uyumayumik uqauhiyun

[illegible]

Days on site: 3

Total Person days: 12

Operations Phase: from 2024-06-01 to 2024-08-31

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannguqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
Nanuit Ittilinga cabin location	Camp	Crown	The cabin at this site is used frequently by community members, CWS, Parks Canada, and others.	Unknown.	Located inside Nanuit Itillinga National Wildlife Area. Closest community is Resolute Bay.
Seymour Island desired location for camera and ARU set up.	Researching	Crown	Has been infrequently visited for Ivory Gull colony research. Mainly just presence/absence data or counts.	Unknown	Seymour Island is a migratory bird sanctuary. Closest community is Resolute Bay.
Tentative Camera 1 Location NINWA	Researching	Crown	Unknown	Unknown	Located inside Nanuit Itillinga National Wildlife Area. Closest community is Resolute Bay.
Tentative Camera 2 Location NINWA	Researching	Crown	Unknown	Unknown	Located inside Nanuit Itillinga National Wildlife Area. Closest community is Resolute Bay.
Tentative Camera 3 Location NINWA	Researching	Crown	Unknown	Unknown	Located inside Nanuit Itillinga National Wildlife Area. Closest community is Resolute Bay.
Tentative Camera 4 Location NINWA	Researching	Crown	Unknown	Unknown	Located inside Nanuit Itillinga National Wildlife Area. Closest community is Resolute Bay.

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Qausuittuq	Resolute Bay HTA	Baffin HTOs	2024-04-22

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Kaanatami Huradjat Munariniq	Application for a Migratory Birds Regulations Scientific Permit	Applied, Decision Pending		
Kaanatami Huradjat Munariniq	Application for a National Wildlife Area and Migratory Bird Sanctuary Permit (Access)	Applied, Decision Pending		
Nunavut Kavamanga, Avatiliriyikkut	Application for a GN Wildlife Research Permit	Applied, Decision Pending		

Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Air	Bell 206L (LR) (Helicopter) will be used to transport the crew from resolute bay to Nanuit Itillinga NWA and Seymour Island MBS	
Land	On foot	

Project accomodation types

Temporary Camp

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
NWA Cabin	1	Unknown	There is a cabin in Nanuit Itillinga 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.
Drone	1	Unknown	Aerial photography of areas surrounding the wildlife cameras and ARUs we propose to install in the NWA and MBS

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Propane	fuel	2	4	8	Gallons	Potentially to heat the cabin and use as a fuel source for cooking if the crew stays overnight in Nanuit Itillinga cabin.
Aviation fuel	fuel	7	205	1435	Liters	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.

Imaqmik Aturninnga

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Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqtittagaani qanuq	Atulirumayain imavaluin utiqtittagani humi
0	Only necessary if we are camping at the cabin in Nanuit Itillinga. Retrieval from nearby stream using a water container.	Not yet determined. May not be necessary.

Iqqakuq

Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Camp	Qirnarivyaktuq imaq	60 L	This is only necessary if we end up camping at the Nanuit Itillinga cabin, but at the moment we are not sure we will camp there. If so, we will dispose of greywater by digging a small pit and disposing there. If we do not camp, we will not generate greywater.	With lime if greywater is generated.
Camp	Anaagun (inuin anaaguin)	2 per person per day	This is only necessary if we end up camping at the Nanuit Itillinga cabin, but at the moment we are not sure we will camp there. If we camp and generate waste, we remove from the NWA using Go Anywhere Kit waste bags. They will be transported with us back to the PCSP warehouse in Resolute.	NA

Avatiliriniqmut Ayurhautingit:

As we will be installing wildlife-monitoring equipment (cameras, ARUs), wildlife disturbance is a potential environmental impact of our activities as well as hydrocarbon spill from transportation by aviation. Researchers on site will take all measures to reduce disturbance to a minimum (keeping distances, avoid encounters, reducing time of observation/disturbance). Participants in the work will be briefed to follow the same measures. Spill kits will be onsite. All garbage will be brought back to the community for proper managing.

Additional Information

SECTION A1: Project Info

SECTION A2: Allweather Road

SECTION A3: Winter Road

SECTION B1: Project Info

SECTION B2: Exploration Activity

SECTION B3: Geosciences

SECTION B4: Drilling

SECTION B5: Stripping

SECTION B6: Underground Activity

SECTION B7: Waste Rock

SECTION B8: Stockpiles

SECTION B9: Mine Development

SECTION B10: Geology

SECTION B11: Mine

SECTION B12: Mill

SECTION C1: Pits

SECTION D1: Facility

SECTION D2: Facility Construction

SECTION D3: Facility Operation

SECTION D4: Vessel Use

SECTION E1: Offshore Survey

SECTION E2: Nearshore Survey

SECTION E3: Vessel Use

SECTION F1: Site Cleanup

SECTION G1: Well Authorization

SECTION G2: Onland Exploration

SECTION G3: Offshore Exploration

SECTION G4: Rig

SECTION H1: Vessel Use

SECTION H2: Disposal At Sea

SECTION I1: Municipal Development

Qanurittuq Ittunik Avatinga: Avatingalluanga

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

Miscellaneous Project Information

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

Tamatkiumayunik Ihuikgutivaktunik

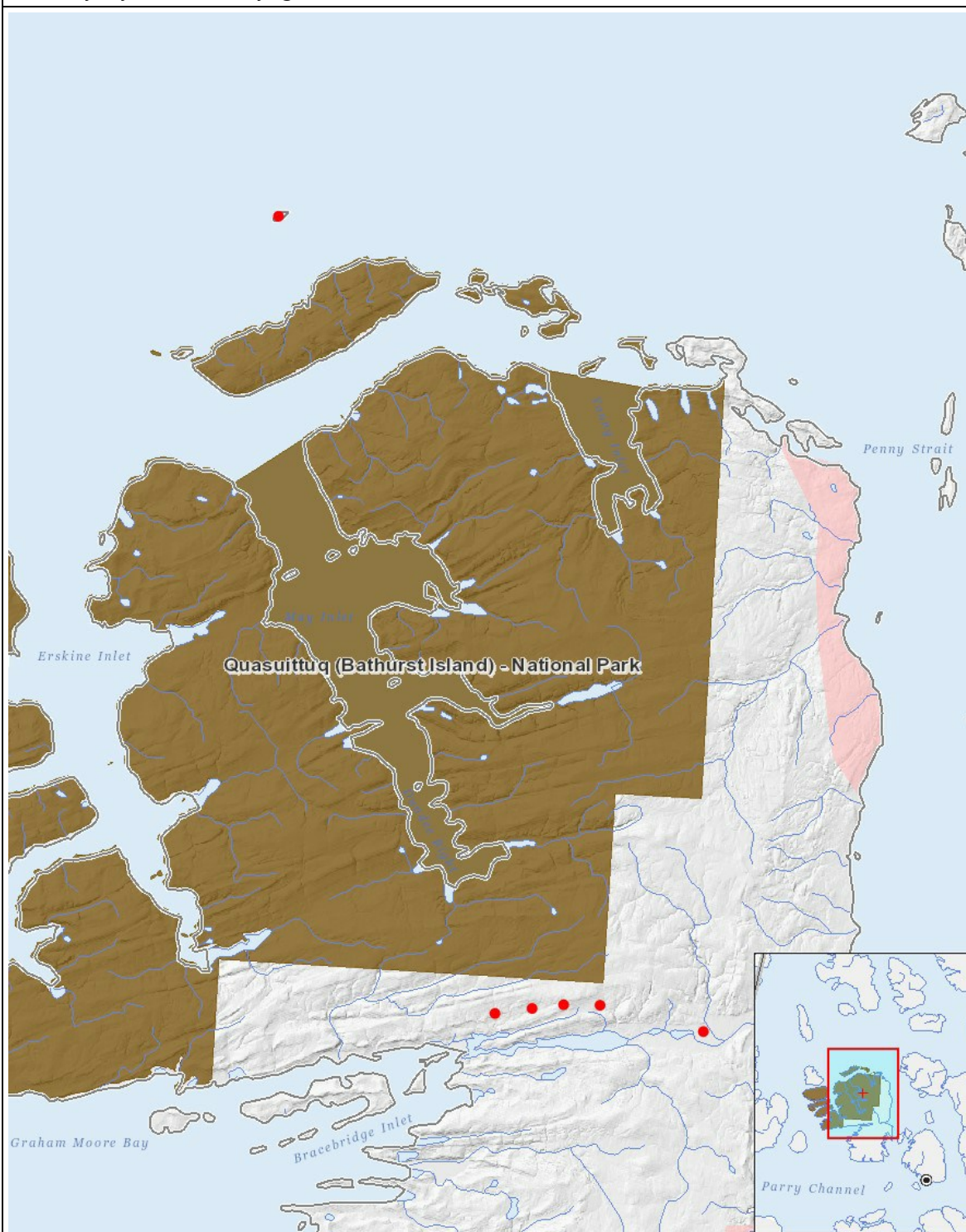
Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

			PHYSICAL										BIOLOGICAL										SOCIO-ECONOMIC				
			Designated environmental areas										Wildlife, including habitat and migration patterns										Archaeological and cultural historic sites				
			Ground stability										Birds, including habitat and migration patterns										Employment				
			Permafrost										Aquatic species, incl. habitat and migration/spawning										Community wellness				
			Hydrology / Limnology										Wildlife protected areas										Community infrastructure				
			Water quality										Wildlife protected areas										Human health				
			Climate conditions										Wildlife protected areas										Human health				
			Eskers and other unique or fragile landscapes										Wildlife protected areas										Human health				
			Surface and bedrock geology										Wildlife protected areas										Human health				
			Sediment and soil quality										Wildlife protected areas										Human health				
			Tidal processes and bathymetry										Wildlife protected areas										Human health				
			Air quality										Wildlife protected areas										Human health				
			Noise levels										Wildlife protected areas										Human health				
			Vegetation										Wildlife protected areas										Human health				
			Wildlife, including habitat and migration patterns										Wildlife protected areas										Human health				
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			Aquatic species, incl. habitat and migration/spawning										Wildlife protected areas										Human health				
			Wildlife protected areas										Wildlife protected areas										Human health				
			Socio-economic										Wildlife protected areas										Human health				
			Archaeological and cultural historic sites										Wildlife protected areas										Human health				
			Employment										Wildlife protected areas										Human health				
			Community wellness										Wildlife protected areas										Human health				
			Community infrastructure										Wildlife protected areas										Human health				
			Human health										Wildlife protected areas										Human health				

Havakvinga																									
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Aulapkaininnga																									
Camp		M	-	-	-	-	-	-	-	-	-	-	-	M		M	M	M	-	-		-	-	P	-
Piiqtauniq																									
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(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)



List of Project Geometries

- | | | |
|---|-------|--|
| 1 | point | Nanuit Ittilinga cabin location |
| 2 | point | Seymour Island desired location for camera and ARU set up. |
| 3 | point | Tentative Camera 4 Location NINWA |
| 4 | point | Tentative Camera 3 Location NINWA |
| 5 | point | Tentative Camera 2 Location NINWA |
| 6 | point | Tentative Camera 1 Location NINWA |