



## **NIRB Application for Screening #125894**

### **Parks Canada Douglas Harbour Shelter Amendment Application**

**Application Type:** New

**Project Type:** Infrastructure

**Application Date:** 3/12/2024 4:08:02 PM

**Period of operation:** from 2020-04-05 to 2030-05-05

**Project Proponent:** Ronald J Oolooyuk  
Parks Canada - Nunavut Field Unit  
C1-1104B Qamaniqtuaq Street  
Iqaluit Nunavut X0A 3H0  
Canada  
Phone Number:: 8672220157, Fax Number::

### Non-technical project proposal description

French: Le CNER a finalisé un examen préalable du projet intitulé "Douglas Harbour Shelter" (abri de Douglas Harbour) en 2020 (dossier CNER numéro #20UN005). Ce projet se situe dans le parc national Ukkusiksalik. Parcs Canada est encore en train d'enlever l'ancien abri du Gouvernement du Nunavut qui avait été endommagé et a entre-temps continué de planifier l'installation du nouvel abri à l'endroit prévu à l'origine (65.7053N, 88.8995W). Le plan actuel pour l'installation du nouvel abri est d'utiliser des caissons comme soutien à l'abri qui pourraient être remplis de sable ou de roches provenant de la rive (jusqu'à 2.8 m3). Des roches pourraient aussi être nécessaires pour des câbles servant à ancrer l'abri ou d'autres structure ou des structures temporaires telles que des tentes, une clôture électrique pour les ours. L'utilisation de sable et roches de la rive est proposé pour éviter d'affecter des sites archéologiques/artéfacts qui se trouvent à proximité. Parcs Canada est aussi en train de considérer d'autres options, notamment l'utilisation d'ancres qui nécessiteraient possiblement de creuser dans l'empreinte de l'abri, afin d'éviter d'utiliser une grande quantité de sable et roches.

[illegible]

## Personnel

### Post-Closure Phase: from to

## Activities

Location	Activity Type	Land Status	Site history	Site archaeological or paleontological value	Proximity to the nearest communities and any protected areas
Location of new shelter	Other	Crown	No previous infrastructure but archaeological features nearby	Cultural resource site assessment conducted in 2023 by Parks Canada when precise location of shelter determined to avoid impacts on nearby archaeological features. A statement of Cultural Resource Impact Analysis is being prepared by a Parks Canada archaeologist to provide recommendations for the project overall as well as for the proposed amendment to use sand and rocks for the shelter and associated camp structures/tents.	The shelter will be located within Ukkusiksalik National Park. The park's adjacent communities are Naujaat (the closest), Coral Harbour, Chesterfield Inlet, Baker Lake, Rankin Inlet.

## Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Naujaat	Ukkusiksalik Park Management Committee. The committee is made up of 6 members. Three appointed by the Kivalliq Inuit Association and 3 appointed by Canada.	Ukkusiksalik National Park is cooperatively managed with Inuit. During the discussions about the location of the Douglas Harbour Shelter there was a member from each adjacent community. One member was present during the site visit this summer. Discussions occurred in 2019 01 10 and 2019 12 13.	2019-12-14
Naujaat	Various organizations, stakeholders and the public in Naujaat, Coral Harbour, Baker Lake, Chesterfield Inlet, Rankin Inlet	Various organizations, stakeholders and the public in Naujaat, Coral Harbour, Baker Lake, Chesterfield Inlet, Rankin Inlet consulted in 2016 and 2017 on the proposed management plan for the park (which includes strategies to have hard-sided shelters incl. in Douglas Harbour).	2016-08-01



# Authorizations

Indicate the areas in which the project is located:

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Parks Canada	Authorization will be from Field Unit Superintendent. The Ukkusiksalik Park Management Committee is supportive of placing the shelter in the new location. Placing a shelter in the area conforms to the park management plan. Authorization requires completion of screening from NIRB re. proposed amendment, completion of Parks Canada Statement of Cultural Resource Impact Analysis and internal Parks Canada impact assessment.	Applied, Decision Pending		

## Project transportation types

Transportation Type	Proposed Use	Length of Use
Air	Possibility of transport of debris from old GN cabin by helicopter in summer 2024	
Water	Possibility of transport of debris from old GN cabin by boat	
Land	Transport of sand and rocks to shelter site on foot.	

## Project accomodation types

Other,

## Material Use

Equipment to be used (including drills, pumps, aircraft, vehicles, etc)

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Boat	1	27 foot	Possible access to old GN cabin to transport equipment. Use otherwise as originally planned, to access new shelter.
Helicopter	1	206LR or similar	See original project description plan to possibly pick up small debris like nails by helicopter at old GN cabin. Now, possibility of using helicopter with sling to transport larger pieces as well in summer 2024 if transport of debris not feasible in spring by snowmachine (if debris covered in snow for example). Possibility of helicopter access to vicinity of new shelter as part of ongoing operation.

### Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Information is not available						

### Water Consumption

Daily amount (m3)	Proposed water retrieval methods	Proposed water retrieval location
0		

# Waste

## Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Information is not available				

### Environmental Impacts:

It is expected that the removal of sand and/or rocks from shore would have a minimal impact on fish habitat if any. Mitigations that are currently being considered would include the following: 1) distribute the removal of sand/rocks in the area, 2) avoid muddy areas that may be habitat for invertebrates, 3) aim to remove rocks/sand on land or above the high tide line as much as possible, 4) not to remove rocks along the river where Arctic char may be found. Based on the tables available at <https://www.dfo-mpo.gc.ca/pnw-ppe/timing-periodes/nu-eng.html>, the project would avoid the spawning period. A request for review was submitted to DFO for the removal of sand/rocks from the shoreline in the event that this is the most feasible option logistically and to avoid disturbance to archaeological sites. A response from DFO on that request has not been received yet. If rocks and sand are taken from the terrestrial environment, there is a risk of disturbing nearby archaeological sites based on information from a cultural resource site assessment conducted in summer 2023. Rocks would only be taken in the terrestrial environment in accordance with guidance from a Parks Canada archaeologist that will be detailed in a Statement of Cultural Resource Impact Analysis and that will provide guidance on avoiding disturbance of nearby archaeological sites. Mitigations being considered would also include avoiding taking rocks that would disturb plants in areas in the vicinity of the camp that are more vegetated and in adjacent small wetlands.

# **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**

### **Description of Existing Environment: Physical Environment**

### **Description of Existing Environment: Biological Environment**

### **Description of Existing Environment: Socio-economic Environment**

### **Miscellaneous Project Information**

Information in this amendment request is focused on changes being proposed, so details in original application including concerning equipment and material use were not copied in this amendment request. The plans for the installation of the new cabin now involves cribbing supports that may be filled with sand and/or rocks (up to 2.8 m<sup>3</sup>). Rocks will also be needed to secure the cabin anchoring cables and to secure other and temporary structures such as tents, a bear fence. Sand and rocks could be taken from the terrestrial environment or the shoreline. Parks Canada is considering other options to avoid using that many rocks or that much sand, so this amendment request is to ensure a contingency is available if the other options do not become logistically feasible. The most likely other option at the moment is the use of anchors that may involve digging within the footprint of the shelter, to avoid the needs for large quantities of sand and rocks and to limit impacts outside the footprint of the shelter and associate camp structures. Parks Canada is also considering the following options to stabilize the cribbing: 1. Bring cement from outside of the park; this option may not be logistically feasible or cost efficient due to the weight of the material that would need to be transported by air or boat or snowmachine for 150 to 370 Km; it would also result in the production of more greenhouse gases. 2. Use sand from the building site, well above the high tide line, but this may not provide enough or adequate materials. Construction of the cabin and requirement for rocks would happen over 12 days in early to mid-August. That quantity of rocks and sand for the cribbing would only be needed once, although a few rocks or some sand may be needed in the future, around the same time of the year, for maintenance of the cabin, outhouse, bear fence, and for temporary tents.

### **Identification of Impacts and Proposed Mitigation Measures**

### **Cumulative Effects**

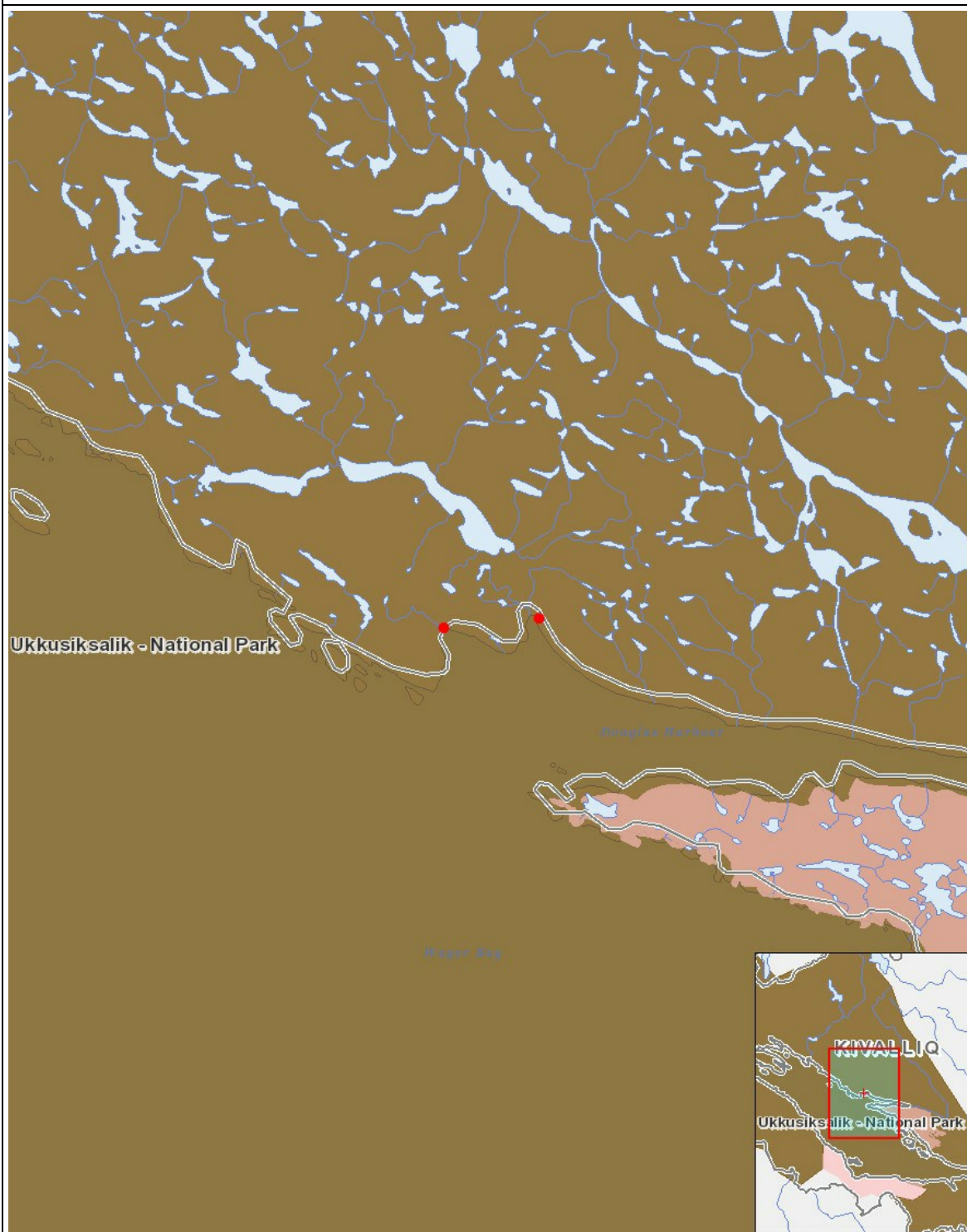
Impacts

Identification of Environmental Impacts

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

(P = Positive, N = Negative and non-mitigatable, M = Negative and mitigatable, U = Unknown)

## Project Location



## List of Project Geometries

- |   |       |                         |
|---|-------|-------------------------|
| 1 | point | Location of new shelter |
| 2 | point | Old GN Cabin            |