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Parks Canada Douglas Harbour Shelter Project Summary In Ukkusiksalik National Park, the former Government of Nunavut cabin (N65° 42.324, W88° 49.263) was found destroyed by wind in spring of 2017. A new shelter will be constructed within a 1.5km radius of N 65'42' 19.0 W 088'54'06.1. The new location is approximately 4km west of the old location. The new location will provide better protection from wind and a safe mooring place for boats. The Douglas Harbour Shelter project will help support:

- Key Strategy 1 in the Ukkusiksalik National Park management plan: Infrastructure – ensure facilities are available for protection, presentation and promotion of Ukkusiksalik
- Achieve Target 1.1.3 of the Ukkusiksalik management plan: to have hard-sided shelters in priority areas for park users and visitors
- Article 10.1 of the IIBA that hard sided structures are available to ensure the safety of all users.

The Shelter will provide a safe hard sided shelter for staff, visitors, and community members who are accessing the area for operational, visitation, harvesting or emergency purposes. Three to four Parks Canada Staff, 6-8 local Inuit contractors and bear guards will conduct the clean up and build the new shelter between April 15 2020 and May 15 of 2020; weather permitting. If delayed by weather, the construction may be conducted at a later date within the year or next season. All materials will be transported by snowmobile and qamutiiks. The clean up and shelter build are scheduled to occur at the same time with 12 people at a temporary camp for approximately 10 days.

Clean up

- Set up a temporary camp (bear fence, dome tents, canvas kitchen and toilet tents)
- Clean-up of the former Government of Nunavut cabin site N65° 42.324, W88° 49.263
- Separate and package wood with red paint and label “lead contamination”.
- Lift each section of wall/floor/ceiling using steel bars and wrap with blue tarps. Staple tarps to wood. Collect and crate loose debris.
- Load 2-3 sections onto each qamutiik.
- Transport to Naujaat via snowmobile route along Roes Welcome North. Non-contaminated debris will be deposited in Naujaat landfill. Contaminated materials will be sealifted south to an appropriate waste facility.

Shelter Build

- Construct new cabin (MonGazebo structure) in the area of a 1.5km radius from N 65° 42.253 / W 88° 54.067
- Potential for snow removal on building site
- Construct the above ground footings using 6x6 timbers.
- Construct floor on the footings and then build the 12’x16’ shelter. Construction estimated at 3-4 days.
- Take down temporary camp and return to Naujaat via snowmobile

Future Use

- Construct an outhouse
- Hard sided-shelter and outhouse will remain on site
- Periodically, when required for operational purposes, a temporary camp with Bear fence and tents may be set up for several days or weeks around the shelter to conduct park work or research.
- 4-6 barrels of fuel may be stored temporarily on site to support park work or research
- Local harvesters and visitors may use the shelter to support their activities
- In future, the zone 3 area that permits motorized activities around the old cabin site will be moved to around the new shelter location.

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### Post-Closure Phase: from to

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Old GN Cabin site N65° 42.324, W88° 49.263	Site Cleanup/Remediation	Crown	Site of the Former GN Cabin. Cabin was used by GN Staff on patrol, researchers and local Inuit for harvesting purposes	No known archeological features	Naujaat, Coral Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
New Shelter Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1.	Camp	Crown	No previous infrastructure in this area	No Known features in the immediate area of Shelter. Many known sites and features in the surrounding area	Naujaat, Coral Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
New Shelter Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1.	Fuel and chemical storage	Crown	No previous infrastructure or fuel stored	No Known features in the immediate area of Shelter. Many known sites and features in the surrounding area	Naujaat, Coral Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
New Shelter Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1.	Harvesting Activities	Crown	No previous infrastructure on the site. Local hunters were known to use the former GN cabin in the area.	No Known features in the immediate area of Shelter. Many known sites and features in the surrounding area	Naujaat, Coral Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
New Shelter Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1.	Researching	Crown	No previous infrastructure in this area	No Known features in the immediate area of Shelter. Many known sites and features in the surrounding area	Naujaat, Coral Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
New Shelter	Tourism Activities	Crown	No previous	No Known features	Naujaat, Coral

Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1.			infrastructure on site	in the immediate area of Shelter. Many known sites and features in the surrounding area	Harbour, Rankin Inlet, Chesterfield Inlet and Baker Lake
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ᓄᓇᓕᓯᓪᓐ	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

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Kivalliq

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### Project transportation types

Transportation Type	How to Access	Length of Use
Water	The shelter may be accessed by boat in the summer.	
Land	Materials from the clean up of the old GN Cabin and materials for the construction of the new shelter will be by transported by snowmobile. Park staff may also access the site in future by snowmobile for park patrols. Local harvesters may access the shelter by snowmobile.	

### Project accomodation types

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ΔL<sup>5b</sup> ΔD<sup>5b</sup> CD<sup>5b</sup> ΔL<sup>5b</sup> ΔD<sup>5b</sup>

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0	ice from a small near by lake will be melted or onsite snow will be melted during the 10days 12 people will be at temporary camp to clean up the old GN cabin and build the new shelter.	Small lake near by the site of the old cabin. Estimating 50L a day for drinking, cooking and dishes

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$$\Delta^b C d_c n_\sigma \Delta^a \sigma^a$$
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# **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

see attached documents

## 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 11: Municipal Development

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see attached documents

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### Miscellaneous Project Information

see attached documents

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see attached documents

## Cumulative Effects

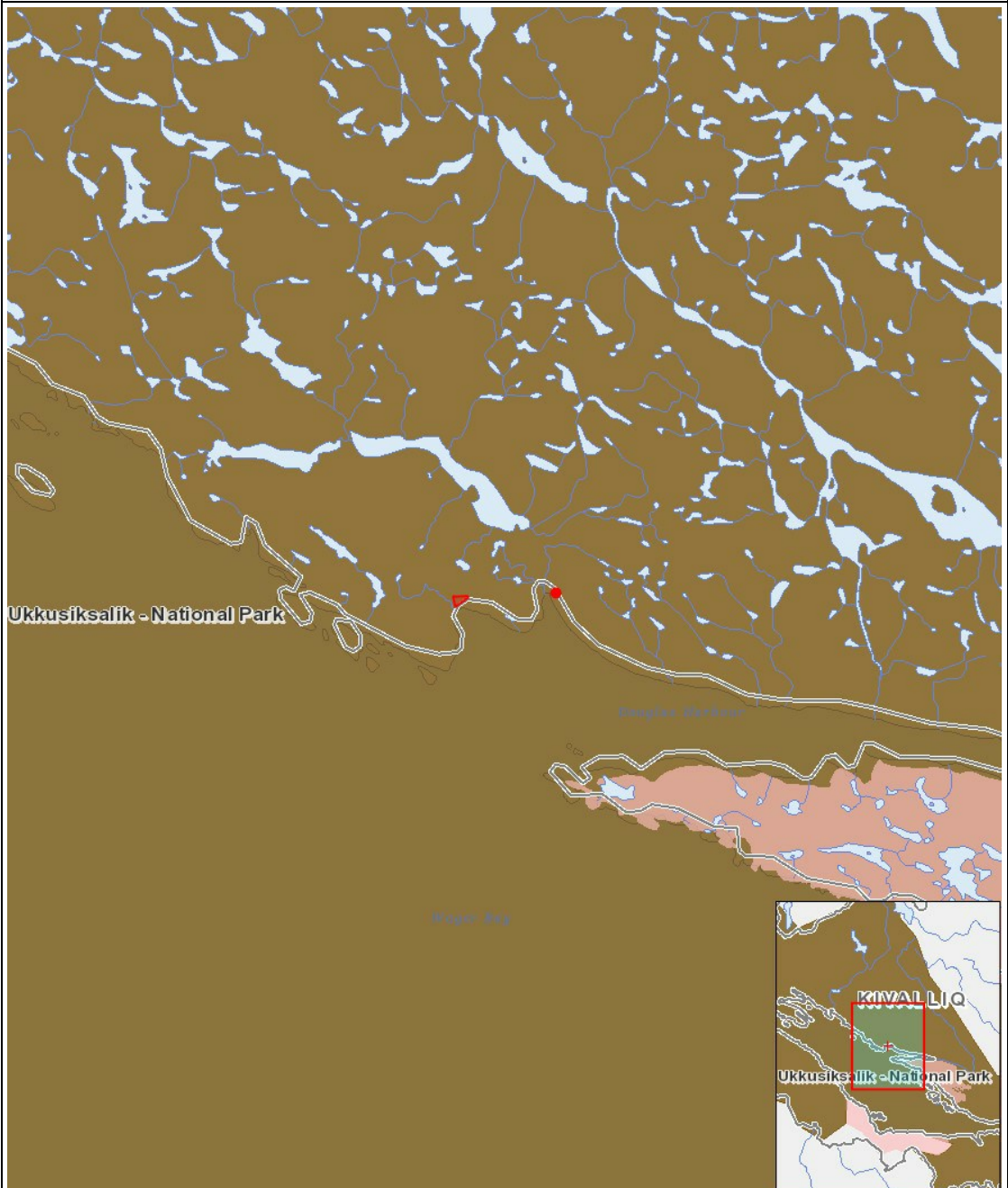
see attached documents

## Impacts

$\omega \rightarrow \omega \Delta^{\epsilon_b} C D \sigma^{-\epsilon_r} C$      $A \in \Pi \Gamma D C \dot{\sigma}^C D^C$      $A^b D^{\epsilon_b} C D \rho L \downarrow^C$

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													

$$(P = \langle \text{b} \rangle \text{a} \text{p} \cap \text{r}^{\text{a}} \text{a}^{\text{b}})^{\text{c}}, N = \langle \text{b} \rangle \text{r}^{\text{b}} \text{r}^{\text{c}} \text{d} \text{r}^{\text{a}} \text{a}^{\text{b}})^{\text{c}} \langle \text{c} \rangle \text{d} \text{r}^{\text{b}} \text{r}^{\text{b}})^{\text{b}} \text{c} \text{d} \text{r}^{\text{a}} \text{a}^{\text{b}} \text{r}^{\text{c}})^{\text{c}}, M = \langle \text{b} \rangle \text{r}^{\text{b}} \text{r}^{\text{c}} \text{d} \text{r}^{\text{a}} \text{a}^{\text{b}})^{\text{c}} \langle \text{c} \rangle \text{d} \text{r}^{\text{b}} \text{r}^{\text{b}})^{\text{b}} \text{c} \text{d} \text{r}^{\text{a}} \text{a}^{\text{b}})^{\text{c}}, U = \text{r}^{\text{b}} \text{r}^{\text{c}} \text{r}^{\text{a}} \text{a}^{\text{b}} \text{r}^{\text{c}})^{\text{b}})$$



## List of Project Geometries

- |           |  |
|-----------|--|
| 1 polygon | New Shelter Area. New shelter will be constructed within 1.5km of N 65'42' 19.0 W 088'54'06.1. |
| 2 point   | Old GN Cabin site N65° 42.324, W88° 49.263   |