







			them to help her make the appropriate measurements/descriptions of the site to report to Culture and Heritage.	and 1 cache.	
Cobourg Island- Zodiac cruise around Nirjutiqavvik NWA site	Tourism Activities	Crown	Students on Ice had not visited Cobourg Island before. This year, we intent to conduct zodiac cruises at the island in accordance with CWS regulations on visiting NWAs and MBSs.	N/A	Cobourg Island is a part of the Nirjutiqavvik National Wildlife Area, and is closest to the Hamlet of Grise Fiord.
Grise Fiord- Landing and Community Visit	Tourism Activities	Municipal	Students on Ice has not visited Grise Fiord before.	N/A	N/A
Dundas Harbour- Landing at RCMP archaeological site	Tourism Activities	Crown	Students on Ice expedition have visited Dundas Harbour in 2015 and 2016. Our onboard archaeologist provides instruction to students and staff before landing, as well as interpretation while onshore.	Site of RCMP post, graveyard and Thule site.	N/A
Croker Bay- Landing at South Croker Glacier and zodiac cruise	Tourism Activities	Crown	Students on Ice visited this Croker Bay site in 2015 and 2017. Excursions include a shore landing at the South Croker glacier with interpretation/workshops by glaciologists, as well as zodiac cruises within the bay area.	None known.	N/A
Beechey Island- Landing at archaeological site	Tourism Activities	Crown	Our expedition visited Beechey Island in 2015 and 2017. Our onboard archaeologist provides instruction to students and staff before landing, as well as interpretation while onshore. Students are split into two groups and rotate between sites.	Archeology site of Franklin Camp as well as remnants of gravel foundations.	N/A
Prince Leopold Island- Zodiac cruise around MBS site	Tourism Activities	Crown	Students on Ice visited Prince Leopold in 2015 and 2017. These visits are sail-by or zodiac cruise only and are conducted in accordance with CWS regulations on viewing migratory bird sanctuaries. Interpretation is provided during these excursions by	N/A	Prince Leopold Island is a part of the Prince Leopold Migratory Bird Sanctuary managed by CWS and the Resolute Bay Co-

			CWS scientists.		Management Committee.
Resolute Bay-Landing and community visit	Tourism Activities	Municipal	Students on Ice has visited Resolute Bay in 2015 and 2017. In the past, we have worked with the Hamlet as well as the Polar Continental Shelf Project for a half day of community programming in Resolute Bay. This year, Resolute will be the site of our departing charter flight.	N/A	N/A

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ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ	Nancy Amarualik	Hunters and Trappers Organization	2018-01-18
ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ	Mike Stevens	Hamlet Office	2018-01-18
ᓄᓇᓕᓯᓴ	Nicole Monchamp	Hamlet Office	2018-01-18
ᓄᓇᓕᓯᓴ	Natasha	Hunters and Trappers Organization	2018-01-18
ᓄᓇᓕᓯᓴ	Tamera Kakee	Hamlet Office	2018-01-18
ᓄᓇᓕᓯᓴ	Terry Noah	Hunters and Trappers Association	2018-01-18

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ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ	Business License from Sirmilik National Park	Not Yet Applied		
ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ ᓄᓇᓕᓯᓴ	Canadian Wildlife Service-Northern Region. Application for a National Wildlife Area and Migratory Bird Sanctuary Permit	Applied, Decision Pending		
Government of Nunavut, Department of Culture, Language, Elders, and Youth	Class 1 Archaeology permit for Coutts Inlet, Dundas Harbour and Beechey Island.	Not Yet Applied		

<p>ΔΔΔ<sup>c</sup> 6Δ<sup>b</sup>Γ<sup>c</sup>6Π<sup>b</sup>Δ<sup>c</sup>Γ<sup>c</sup></p>	<p>Land use permit for parcels of Inuit Owned Land.</p>	<p>Not Yet Applied</p>		
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**Project transportation types**

<p>Transportation Type</p>	<p>ᖃ<sup>c</sup>ᖃ<sup>c</sup></p>	<p>ᖃ<sup>c</sup>ᖃ<sup>c</sup> ᖃ<sup>c</sup>ᖃ<sup>c</sup>ᖃ<sup>c</sup></p>	<p>Length of Use</p>
<p>Water</p>	<p>0</p>	<p>Our expedition vessel, the MS Ocean Endeavour, will be used for accommodation and transportation. We intend to enter Nunavut territorial waters on July 30th and disembark the Endeavour in Resolute Bay on August 6th.</p>	

**Project accomodation types**

ᖃ<sup>c</sup>ᖃ<sup>c</sup>,



ΔL<sup>5b</sup> ΔJ<sup>5b</sup>CD<sup>5b</sup>ΔL<sup>5b</sup>J<sup>5b</sup>

Δ <sup>c</sup> Δ <sup>5b</sup> C <sup>5b</sup> ΔJ <sup>5b</sup> CD <sup>5b</sup> ΔL <sup>5b</sup> J <sup>5b</sup>	5 <sup>b</sup> ΔΓ <sup>5b</sup> C <sup>5b</sup> C <sup>5b</sup> σ <sup>5b</sup> Δ <sup>5b</sup> Δ <sup>c</sup>	αP <sup>c</sup> ΔΓ <sup>5b</sup> C <sup>5b</sup> C <sup>5b</sup> σ <sup>5b</sup> Δ <sup>5b</sup> Δ <sup>c</sup>
700	Ship will retrieve fresh water from designated ports	Greenland

Δ<sup>b</sup>CΔ<sup>c</sup>

Δ<sup>b</sup>CΔ<sup>c</sup>Δ<sup>c</sup>Δ<sup>5b</sup>σ<sup>5b</sup>

Λ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup>	5 <sup>b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>b</sup> CΔ <sup>c</sup>	5 <sup>b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>b</sup> CΔ <sup>c</sup>	5 <sup>b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>b</sup> CΔ <sup>c</sup>	Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup>
Tourism Activities	Δ <sup>b</sup> CΔ <sup>c</sup> ΔΔ <sup>c</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup>	approx 8cbm per week	Per ship's plan in accordance with Marpol Annex V	n/a
Tourism Activities	Other, Oil	Approx .3 cbm per week	Per ship's plan in accordance with Marpol Annex I	n/a
Tourism Activities	5 <sup>b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup> Δ <sup>5b</sup> Δ <sup>c</sup>	20cbm per week	Per ship's plan in accordance with Marpol Annex IV	n/a

Δ<sup>c</sup>Δ<sup>5b</sup>Δ<sup>c</sup>Δ<sup>5b</sup>Δ<sup>c</sup> Δ<sup>b</sup>Δ<sup>c</sup>Δ<sup>5b</sup>Δ<sup>c</sup>Δ<sup>5b</sup>Δ<sup>c</sup>

The greatest potential for disturbance and adverse effects on Students On Ice is improper wildlife viewing protocol, and insufficient monitoring during shore landings. (Note that expedition activities will not involve any research - we will not kill or interfere in any way with the species. Participants will strictly be visiting for educational purposes only. No materials nor animals will be removed from the sites nor harmed.) All steps will be taken to avoid damage to land, water, flora and fauna. Prior to all zodiac cruises, shore landings and community visits, expedition staff will give a briefing to all participants on the environmental aspects and impacts of our visits to each site. Building on the feedback from previous expeditions, we will be more adamant about dividing our participant body into smaller groups during shore landings. Each of these groups will include multiple expedition field staff to ensure onshore activity/behaviour is respectful and minimizes disturbance. The SOI Expedition Field Staff team includes a senior CWS representative, a number of polar scientists, botanists, marine biologists, migratory bird specialists, archaeologists and Inuit Elders. We will consult and work closely with our staff team to ensure that there are no adverse effects on the species during our visit. Specific members of the expedition staff team are licensed gun holders and will be bringing firearms on the expedition as a safety measure during our shore landings. There will be 10 shotguns and 7 rifles. The safety and wellbeing of any bears we encounter is of paramount importance to us, second only to the safety of our party.

## **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**



