



NIRB Application for Screening #125443

Prince Leopold Island Migratory Bird Sactuary Permit & Nirjutiqarvik NWA wildlife viewing permit

| | |
|--------------------------------|---|
| Application Type: | Amendment |
| Project Type: | Tourism |
| Application Date: | 1/29/2019 5:24:34 PM |
| Period of operation: | from 0001-01-01 to 0001-01-01 |
| Proposed Authorization: | from 0001-01-01 to 0001-01-01 |
| Project Proponent: | Nansen Weber Canadian Arctic Holidays Ltd. PO 1252 STN MAIN Yellowknife NWT X1A 2n9 Canada Phone Number:: 2503084656, Fax Number:: |

DETAILS

Non-technical project proposal description

English: Number of personnel covered under permit: Maximum 10 Project objectives: View the arctic flora and fauna on Prince Leopold Island and Coburg Island with guests from Arctic Watch Wilderness Lodge. Project location: Prince Leopold Island MBS and Nirjutiqarvik NWA Prince Leopold Island MBS (74°N 090°W) Nirjutiqarvik NWA (75°57'N 79°18'W) Please keep in mind that I do not have exact location of the airstrips for both Prince Leopold Island or Coburg Island since I have not visited either. They both have twin-otter landing strips walking distance from the viewpoints we wish to visit. Proposed dates and Duration of Visit: We would like to fly and land a Summit Air Twin-Otter too both Prince Leopold Island and Coburg Island. We will be using the airstrips that are already designated on the islands and then walk to the cliffs and waters edge. No vessel, all-terrain vehicles or helicopters will be used in either location. Proposed dates for visiting both locations are August 2-4, 2019 weather permitting. This is a one-day visit, with an approximate 3-4 hour viewing at each location. Activity Summary: Once on land, we will be strictly walking and viewing the wildlife from a safe distance. Our primary goal is to insure that we do not frighten the wildlife and birdlife. We will be viewing the birds and mammals using binoculars and cameras. We do not have hiking routes mapped out, as we have not yet visited the island and there is no information available to visitors online. We would be happy to map out a route after the first visit. They are both fairly small islands, we do not plan on spending more than a few hours each visit. Archaeological sites are not of interest. We are visiting to see flora and fauna. We would only be visiting each sanctuary for a few hours at a time, before flying back to Arctic Watch Wilderness Lodge. The maximum group size would be 10 guests with two trained arctic guides as tour leaders. There will be no overnighing, camps or structures being constructed on the island. No fuel for the aircrafts will be stored on Prince Leopold Island or Coburg Island. All fueling will be done at Arctic Watch Wilderness Lodge or Resolute Bay. Guests will be expected to have restroom needs before departure to the island at Arctic Watch Lodge. If a guests or guide do need to have an emergency restroom break, all personal garbage or waste will be carried off the island in a garbage bag by guests themselves or by the guides and disposed of properly. We will not be disturbing the birds. Viewing only, no touching, catching, killing will be involved. Guides and guests will be sure to keep a safe distance from any nests in order not to scare wildlife. Potential Environmental Impacts: Guests and guides will be expected to stay a 30 meters away from any nesting birds or wildlife. Visitors will be encouraged not to make loud noises while approaching the cliffs with birds. No food or waste will be left on the island in order to minimize environmental impacts. Spill protocol: As stated above the aircraft will not be fueled on the islands and we will not be bringing any other combustibles or chemicals onto the islands. Dangerous Wildlife Encounter: We will have our arctic guides watching for polar bears at all times. If a bear is spotted, the guides will take appropriate measures to ensure safety for guests and bears. No firearms will be carried onto the island. Guides and guests will have bear spray as a last defence deterrent against a polar bear. No camping food will be prepared on the island as not to attract wildlife. Emergency Protocol: We do not intend to be camping over night on the island, however safety precautions will be taken and emergency camping equipment will be stored in the aircraft as a precaution of a weather or mechanical delay. We will be traveling with Iridium Satellite phones, Garmin Inreach, complete first aid. Canadian Arctic Holidays owns and operates Arctic Watch Wilderness lodge on Somerset Island. We are a tourist-based lodge for wildlife watching activity. All the guides have at least 20 years of arctic experience with wilderness first aid and CPR certification along with Canadian firearms certification. Canadian Arctic Holidays is a well-established wildlife and arctic expedition tourism based operation. We have been operation in Nunavut for 30 years. Visiting Prince Leopold Island MBS and Nirjutiqarvik NWA is currently a one trip viewing expedition. We may wish to apply for a multi-year permit once we have visited the sites. The HTO of Grise Fjord and Resolute Bay will be contacted to as part of the permit application, in due time. We will not be hiring Inuit from Resolute as guides. At this point we have no local Resolute Inuit's that are keen to leave town for work. We would most definitely look into hiring a local for future visits if the opportunity arises from a multi-year permit.

French: Not Applicable

[illegible]

Operations Phase: from 2019-08-01 to 2019-08-03

Activities

| Location | Activity Type | Land Status | Site history | Site archaeological or paleontological value | Proximity to the nearest communities and any protected areas |
|-----------------------|--------------------|-------------|-----------------------------------|--|--|
| Prince Leopold Island | Tourism Activities | Crown | National Migratory Bird Sanctuary | We are not interested in any archaeological sites | Resolute Bay |
| Coburg Island | Tourism Activities | Crown | National Wildlife Protected Area | We are not interested in any archaeological sites. We are visiting to see wildlife only. | Grise Fiord |

Community Involvement & Regional Benefits

| Community | Name | Organization | Date Contacted |
|------------------------------|------|--------------|----------------|
| Information is not available | | | |

Authorizations

Indicate the areas in which the project is located:

North Baffin

Authorizations

| Regulatory Authority | Authorization Description | Current Status | Date Issued / Applied | Expiry Date |
|---------------------------|--|----------------|-----------------------|-------------|
| Canadian Wildlife Service | Permit application being processed, waiting on a Inuktitut translated document from Resolute bay local Susan Salluviniq. | Active | | |

Project transportation types

| Transportation Type | Proposed Use | Length of Use |
|---------------------|--------------|---------------|
| Air | Twin-Otter | |

Project accomodation types

Other,

Material Use

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

| Equipment Type | Quantity | Size - Dimensions | Proposed Use |
|-----------------------|----------|-------------------|--|
| Summit Air Twin-Otter | 1 | N/A | Fly from Arctic Watch ,Somerset Island to Prince Leopold Island and return to Arctic Watch the same day. |
| Summit Air Twin-Otter | 1 | N/A | Fly from Arctic Watch to Resolute Bay then to Coburg Island and return to Arctic Watch the same day. |

Detail Fuel and Hazardous Material Use

| Detail fuel material use: | Fuel Type | Number of containers | Container Capacity | Total Amount | Units | Proposed Use |
|---|-----------|----------------------|--------------------|--------------|----------|--|
| Aviation fuel | fuel | 0 | 0 | 0 | Cubic ft | Plane will be fuel at Arctic Watch and or Resolute Bay. No fueling at the desired visiting locations |
| No Hazardous materials are part of our activities | hazardous | 0 | 0 | 0 | Cubic ft | N/A |

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 |
|-------------------------------|----------------------|----------------------------|---|---------------------------------|
| Environmental monitoring site | Sewage (human waste) | 0 | Guests will be expected to have restroom needs before departure to the island at Arctic Watch Lodge. If a guest or guide does need to have an emergency restroom break, all personal garbage or waste will be carried off the island in a garbage bag by guests themselves or the guides. | N/A |

Environmental Impacts:

Canadian Arctic Holidays is a tourist company. Guests travel from around the world to visit Arctic Watch wilderness lodge and Arctic Haven Wilderness lodge. All our tours and activities offered through are our operations are largely based on wildlife viewing. We aim to preserve and care for the species and environment at all times above all. In doing so we wish to show guest from around the world the beauty Nunavut has to offer. We do not think visiting Prince Leopold Island and Coburg will have any environmental impacts. We will not do any flybys over nesting cliffs or shores at either location, all viewing will be done by foot. We always convey the message to our guest to keep a reasonable distance from birds and wildlife in order not to scare or disturb off any wildlife. We will be using already designated landing strips and there for not disturbing the tundra. Archaeological sites are not of interest and will be left alone.

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

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

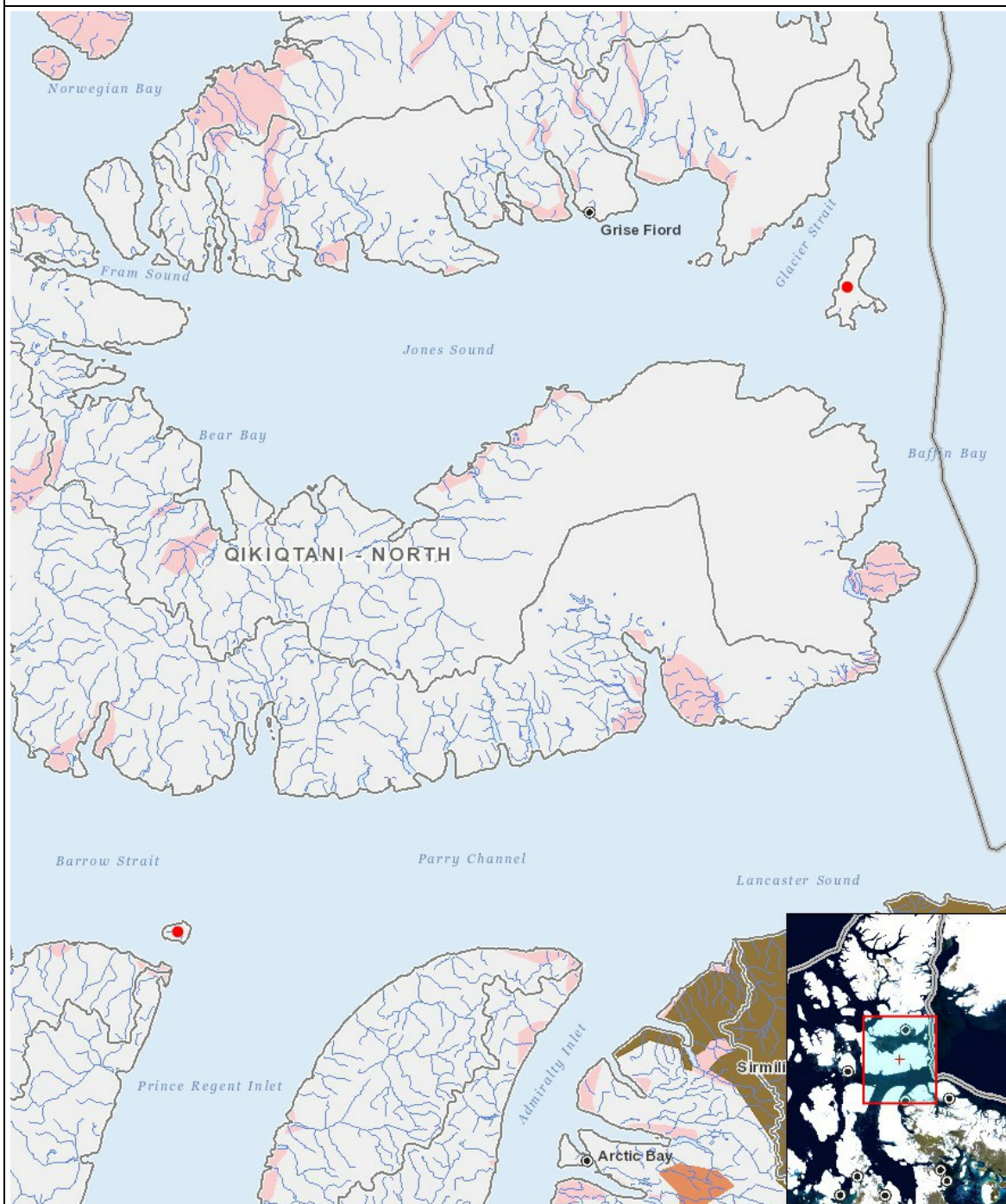
Impacts

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 | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Operation | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Decommissioning | | | | | | | | | | | | | | | | | | | | | | | | | | |
| - | | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

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

Project Location



List of Project Geometries

| | | |
|---|-------|-----------------------|
| 1 | point | Prince Leopold Island |
| 2 | point | Coburg Island |