



NIRB Application for Screening #125546

Arcite Haven Runway Overlay

Application Type: New

Project Type: Tourism

Application Date: 7/23/2020 11:27:02 AM

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: Please see attached documents

French: N/A

Inuktitut: Please see attached documents

Inuinnaqtun: N/A

Personnel

Personnel on site: 6

Days on site: 75

Total Person days: 450

Operations Phase: from 2020-06-14 to 2025-10-11

Operations Phase: from 2021-05-28 to 2025-10-11

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
Arctic Haven Airstrip location	Tourism Activities	Crown	Arctic Haven lodge on Ennadai Lake. Extension of current airstrip	No archaeological sites on location	Arviat 400km east of Arctic Haven Lodge

Community Involvement & Regional Benefits

Community	Name	Organization	Date Contacted
Arviat	No community involvement	We have Inuit workers we hire from Arctic Bay which are part of the Arctic Haven construction crew.	2021-06-01

Authorizations

Indicate the areas in which the project is located:

Kivalliq

Authorizations

Regulatory Authority	Authorization Description	Current Status	Date Issued / Applied	Expiry Date
Aboriginal Affairs and Northern Development Canada	Have not applied for anything yet. We will go through the proper authorizations in due course.	Not Yet Applied		

Project transportation types

Transportation Type	Proposed Use	Length of Use
Air		

Project accomodation types

Permanent Camp

Material Use

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

Equipment Type	Quantity	Size - Dimensions	Proposed Use
Bull dozer	500	Cu MTS	Move gravel and sand

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	We will be using the Arctic Haven lodge facilities. We have a water permit for the lodge. No other methods of water retrieval will be needed or used.	Ennadai Lake

Waste

Waste Management

Project Activity	Type of Waste	Projected Amount Generated	Method of Disposal	Additional treatment procedures
Tourism Activities	Sewage (human waste)	N/A	We will be using Arctic Haven facilities for the workers. No secondary camp will be built. The lodge has approved septic system.	Septic system

Environmental Impacts:

We are not aware of any short or long term environmental implications for this project. The material being displaced is sand and light gravel. The location of the proposed extension is already cleared of trees and brush from when the original construction of the airstrip back in the year 2000. No water sources are being redirected or displaced for this project. No new roads or gravel quarry will be made for the purpose of moving material. There are no mammals or birds being displaced for the extension of the runway.

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

The location of the proposed airstrip extension is a continuation of the current airstrip located on an esker. This is primary sand and fine gravel. The area is very dry with small dwarf birch and black spruce.

Description of Existing Environment: Biological Environment

No species of concern will be affected by this project. The construction will take place during the summer when the caribou have already migrated past Ennadai lake. The caribou migrate past during the last week of April first week of May.

Description of Existing Environment: Socio-economic Environment

There are not archaeological sites in the area. No subsistence harvesting, trapping will be affected by this project.

Miscellaneous Project Information

Identification of Impacts and Proposed Mitigation Measures

Cumulative Effects

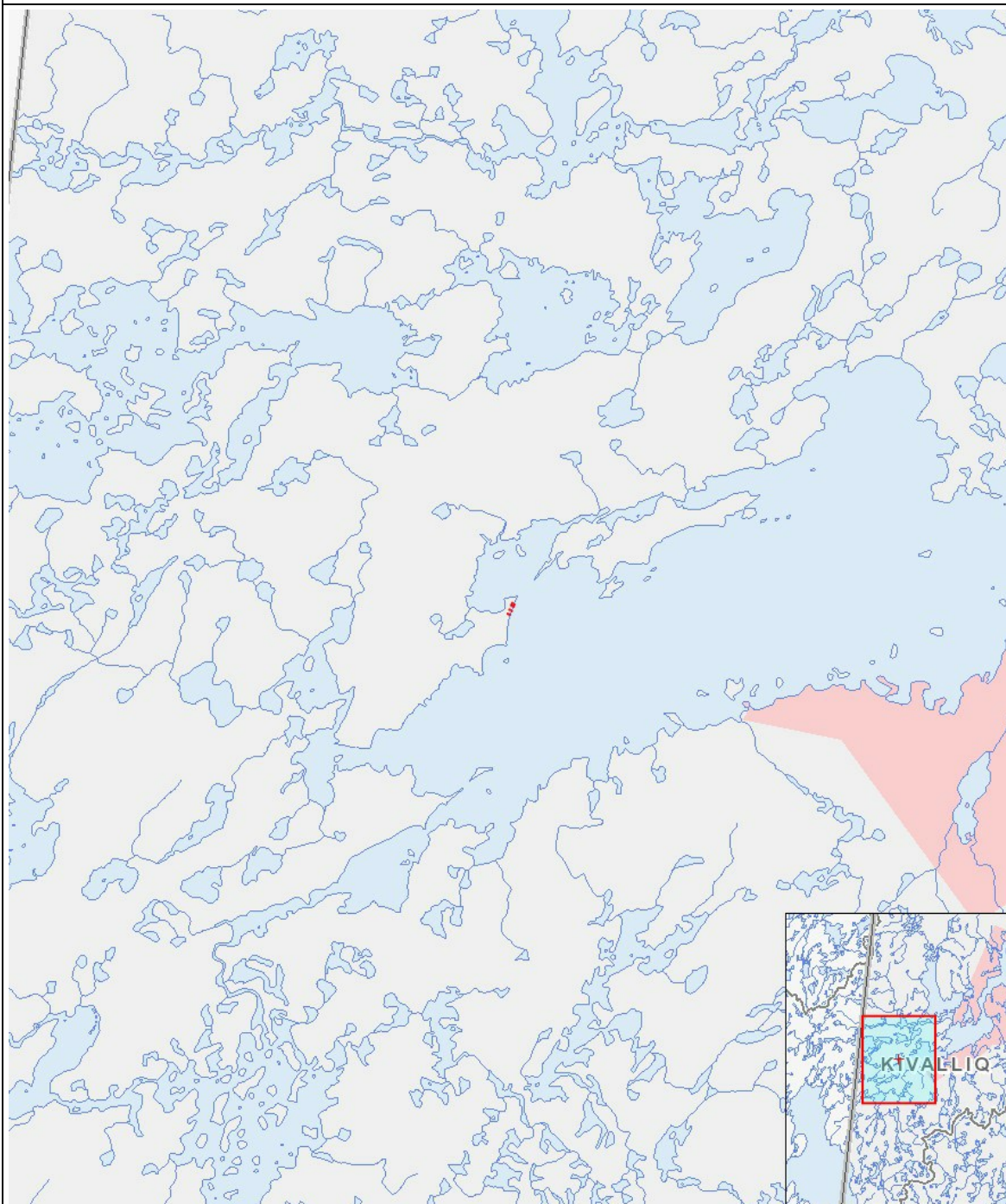
Impacts

Identification of Environmental Impacts

		P H Y S I C A L										B I O L O G I C A L										S O C I O - E C O N O M I C				
		Designated environmental areas										Vegetation										Archaeological and cultural historic sites				
		Ground stability										Wildlife, including habitat and migration patterns										Employment				
		Permafrost										Birds, including habitat and migration patterns										Community wellness				
		Hydrology / Limnology										Aquatic species, incl. habitat and migration/spawning										Community infrastructure				
		Water quality										Wildlife protected areas										Human health				
		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																								
		Vegetation																								
		Wildlife, including habitat and migration patterns																								
		Birds, including habitat and migration patterns																								
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		Employment																								
		Community wellness																								
		Community infrastructure																								
		Human health																								
Construction																										
Tourism Activities		P	P	P	-	P	P	N	U	M	-	P	M		M	M	M	P	P		P	P	P	P	P	P
Operation																										
Tourism Activities		P	P	P	-	P	P	N	M	P	-	P	M		M	M	M	P	P		P	P	P	P	P	P
Decommissioning																										
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-	-

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

Project Location



List of Project Geometries

1	polyline	Arctic Haven Airstrip location
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