



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: Arctic Haven Overlay Project Company / Applicant: Aziz Kheraj, 994458 Nunavut Limited Land use type: Tourism Activities, Airport, and Tourism Activities Regions: Kivalliq Planning Regions: Keewatin Email: azizkheraj@gmail.com Phone: 1-(867)-252-3838 Address: House 112, Box 300, Resolute Bay X0A 0V0 Project description: Arctic Haven Lodge is located on Ennadai Lake. The lodge is an arctic wildlife-viewing based adventure lodge. (<https://www.weberarctic.com>) The lodge supports up to 20 guests a week from all over the world. The only mode of transportation in and out of the lodge is by aircraft from Yellowknife. The lodge has a 3200ft gravel airstrip. To facilitate and accommodate our seasonal lodge operations along with the aircraft charter company regulations, we are in need of extending the overall length of the airstrip by 800 feet. The extension of the airstrip will be on the northwest end of the current airstrip. See attached image. The project will be undertaken over several seasons. The gravel needed for this work is about 500 cubic meters. Currently the northwest end of the airstrip is at a much higher level than the southeast end. We will be effectively levelling the airstrip and using the excess material to extend the airstrip. We will not need to displace material from a different location other than the current airstrip. The equipment used for the project is already on location at Arctic Haven. We will be using a dump truck, bulldozer, small excavator and compactor to transport and move the material. We are not aware of any short or long term environmental implications by 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. All the work roads are performed on the existing airstrip and lodge roads. As Arctic Haven Lodge is wildlife based viewing lodge it is essential for the nature of business that the flora and fauna remains intact and the landscape is disrupted to a minimal. No new lodge infrastructure will be needed to house the workers. Proposed dates for multi-year construction phase: 2021-06-01 - 2025-10-15 Operational season: June 1st - September 15th Workers on site: 6 people for approximately 75 days *See image below for more details on location

French: N/A

Inuktitut: D P D 5 b C 5 b J 5 G h A c e A b d C 5 b r 5 b j A c n d b h 5 b e 5 b f 5 b s 5 b n d r 5 b / j 5 b r 5 b n : q 5 b j 5 b d 5 b , 994458 m e j 5 c e f n c m e f b d j 5 d 5 b r 5 j l 5 l 5 c : > e 5 b j 5 c n e s 5 j 5 l 5 r 5 c A c n d b h 5 d c , g a c n e s 5 b , q 5 l 5 j 5 > e 5 g 5 n 5 c A c n d b h 5 b r 5 c e s 5 b r 5 c : P e c e 5 b c 5 e j n d c e s 5 b : P j 5 d n 5 d 5 b r 5 p n l 5 : azizkheraj@gmail.com d 5 e d n l 5 : 1-(867)-252-3838 j 5 p n l 5 : d 5 j 5 112, n n 5 b e s d 5 b 300, 5 h j 5 c d X0A 0V0 A c n d b h 5 c 5 b m d c e s 5 n e 5 c j 5 c : D P D 5 b C 5 b J 5 G h A c e A b r 5 m b C 5 A b d e c d e d b f 5 b . r 5 m b C 5 A b D P D 5 c j 5 c s 5 r 5 n 5 r 5 m b 5 r 5 f 5 p 5 a d 5 c j 5 c j 5 l 5 a c b e p e b a d 5 c j 5 c r 5 m b C 5 A b . (d P 4 5 r 5 a d c <https://www.weberarctic.com>) r 5 m b C 5 A b d m 5 b p e 5 j 5 b d c n o m b d 5 m 5 b A e r 5 d p r 5 j 5 c e p e l 5 b m e 5 r 5 d 5 g 5 l 5 j 5 c . C j 5 l 5 d e 5 j 5 b m e 5 l 5 m c d d e 5 j 5 n b j 5 c 5 b 5 l c j 5 d c P r 5 d o s 5 j 5 e d e f c . r 5 m b C 5 A b g a 5 b 5 j 5 b 3200 g b d r 5 l e s 5 b C P o e b j 5 d c 5 b g c h e b d l 5 r 5 b f e a 5 l . e l n d q 5 d j 5 d j 5 q 5 l 5 j 5 d e s 5 b n d q 5 d j 5 c d 5 j 5 e l 5 b l 5 j 5 c l j 5 d 5 l 5 b c j 5 b r 5 m b C 5 A b l j 5 d 5 l 5 b c j 5 b d 5 c e d j 5 n b 5 b 5 l c j 5 d c j 5 c l e s 5 m b c d l e c j 5 n b , C e r 5 d 5 b e s n d 5 b 5 c j 5 c d C 5 b r 5 j 5 c P o s 5 l f e a d c C e r 5 d 5 j 5 j 5 800 m b d r 5 l e s 5 b . C e r 5 d 5 c d o s 5 l f e a d c d d e 5 c r 5 d o s A e 5 e 5 l c d 5 r 5 d o s l e d 5 r 5 b f e a d c . C d j 5 d q 5 b c d r 5 b d 5 j 5 b . A c n d j 5 c b e r 5 d 5 j 5 b d d 5 b d c d C d r 5 d c d 5 l 5 c . j 5 d c b d j 5 c d 5 b e n d e b d e c l j 5 l 5 l 5 j 5 c 500 P b c 5 n b r 5 r 5 l 5 r 5 c d 5 b j 5 c f 5 c d . l e d 5 r 5 b d d e 5 c r 5 d o s A e 5 e 5 l e s f a d c 5 d n o m b 5 h d l c s r 5 c r 5 d c b e 5 e 5 l c d r 5 d c . r 5 d o n d 5 r 5 b d e r 5 c e n c d o s d 5 j 5 b f e a b d l 5 j 5 d j 5 c d 5 c d 5 c j 5 c d 5 d c b e r 5 d p n r 5 j 5 f e a 5 j 5 c . d r 5 l 5 l 5 m c m b n e b n d 5 b 5 j 5 r 5 j 5 c d n d e c n o m b P r 5 d o s l e d 5 r 5 b f a 5 b j 5 o m b . d 5 d l d j 5 o d n 5 c d j 5 c d o s d 5 j 5 c c l j 5 l 5 l 5 A c n d j 5 c c d e c e n 5 j 5 c D P D 5 b C 5 b J 5 G h A c e A b r 5 m b C 5 A b . d j 5 j 5 j 5 c d r 5 b 5 c d f b m e d 5 r 5 b , b e b c d n g b , f p j 5 g b d l j n g b d l 5 j 5 n r 5 b n p n g b j 5 d c b j 5 p n r 5 o s d 5 c n o m d l 5 j 5 j 5 d 5 j 5 c d 5 c 5 b d 5 r 5 b 5 o s d p n j 5 c . 5 b d 5 l 5 r 5 j 5 c 5 r e f d 5 r 5 m c d e j 5 c d d o s d 5 j 5 l 5 r 5 m c d e n d c r 5 m b C d o s n o s d 5 c o s b c l j 5 l 5 l 5 A c n d n e l 5 b n o m c . d j 5 c d 5 c j 5 c m b n 5 n o s d 5 c j 5 c r 5 d 5 r 5 b d l 5 b d l 5 j 5 j 5 d 5 c l e 5 g b . e p c j 5 d c 5 c o s d l 5 l 5 c h 5 c j 5 d 5 r 5 c d r 5 l e n 5 j 5 b d l 5 j 5 A p j 5 r 5 c A e a 5 b 5 o d 5 c j 5 d c b e a d e d r 5 l e s 5 l e s f e a c e d 5 o s d 5 n 5 c d r 5 l e s 5 j 5 b 2000 j n c j 5 . d l 5 b 5 a d 5 c j 5 b a r 5 b c 5 c o s r 5 c 5 b c d 5 j 5 r 5 c m b n 5 c d 5 r 5 c j 5 o m b c l j 5 l 5 l 5 A c n d n o m c . m c 5 o m b d 5 r 5 d 5 j 5 r 5 j 5 c d e j 5 c j 5 d c b e 5 r 5 j 5 c c l j 5 l 5 l 5 j 5 d c 5 b 5 n 5 n e l 5 l e s n o m c . A c n d c d 5 c d 5 j 5 d 5 n 5 c d j 5 c d o s d 5 j 5 c l e d 5 r 5 b f e a d 5 r 5 g d l 5 j 5 r 5 m b C 5 A b d 5 j 5 n 5 r 5 m b . D P D 5 b C 5 b J 5 G h A c e A b r 5 m b C 5 A b s 5 r 5 n o m b j 5 l 5 a 5 b 5 j 5 c 5 d 5 r 5 d 5 a d 5 c j 5 o s r 5 m b C 5 A b A l n d j 5 b A r 5 n r 5 b 5 l e 5 f o s n e b c A p j 5 r 5 c d l d o s r 5 c j 5 r 5 s r 5 l 5 r 5 j 5 d 5 r 5 c d l 5 j 5 m e 5 l r 5 s 5 c d r 5 l 5 r 5 c j 5 o s r 5 m b C d o s d 5 c d 5 r 5 l 5 r 5 c j 5 o s r 5 m b C d o s 5 l . m c 5 g b

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	Approval pending NIRB decision	Applied, Decision Pending		

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
John Deere 450 BullDozer	1	N/A	Moving material
Kuboda Excavator XC 90	1	N/A	Moving material
Dump Truck International model	1	N/A	moving material
Compactor tow behind 10000 lbs vibratory compactor	1	N/A	compacting runway

Detail Fuel and Hazardous Material Use

Detail fuel material use:	Fuel Type	Number of containers	Container Capacity	Total Amount	Units	Proposed Use
Diesel	fuel	25	205	5125	Liters	Fueling the equipment

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. We are not adding foreign material or liquids such as concrete to the ground or material being moved. 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 located on the 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. Any other animal species or bird life in the area would already be accustomed to the runway due to the fact that the proposed working area has already been cleared of trees when the original construction was made back in the early 2000's. The only issue could be fuel spill from a work vehicle, we have the proper fuel spill kits on site in case of an emergency.

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

-

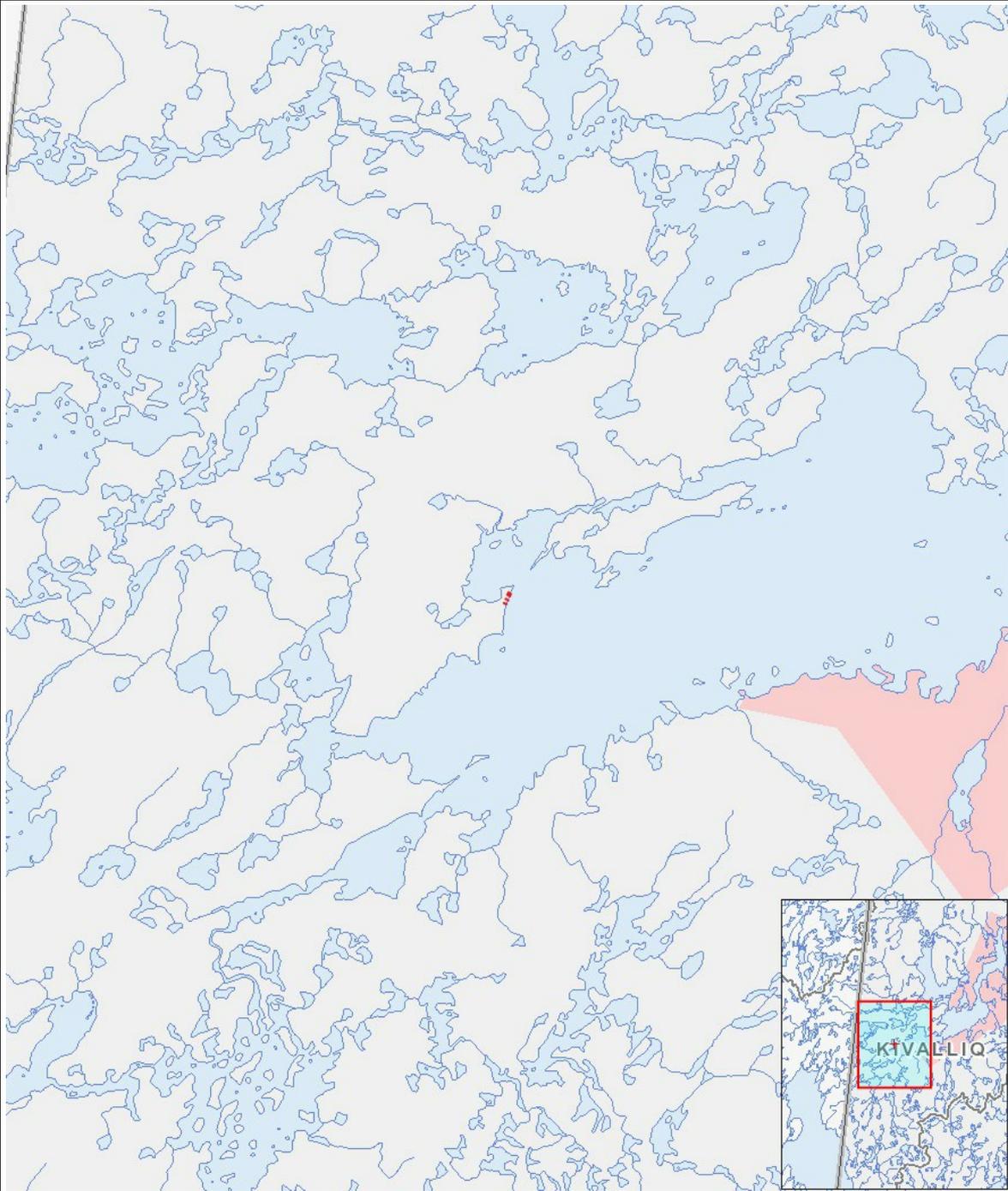
Impacts

Identification of Environmental Impacts

	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																									
Tourism Activities	P	P	P	-	P	P	M	U	N	-	P	N		N	N	N		P	P		P	P	P	P	P
Operation																									
Tourism Activities	P	P	P	-	P	P	M	N	P	-	P	N		N	N	N		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 |
|---|----------|--------------------------------|