

# **Demande de la CNER faisant l'objet d'un examen préalable #125546**

## **Arcite Haven Runway Overlay**

## DÉTAILS

## Description non technique de la proposition de projet

Anglais: 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 took place 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

Français: N/A

[illegible]

Post-Closure Phase: from to

## Activités

Emplacement	Type d'activité	Statut des terres	Historique du site	Site à valeur archéologique ou paléontologique	Proximité des collectivités les plus proches et de toute zone protégée
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

### Engagement de la collectivité et avantages pour la région

Collectivité	Nom	Organisme	Date de la prise de contact
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

# Autorisations

Indiquez les zones dans lesquelles le projet est situé:

Kivalliq

## Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Affaires autochtones et Développement du Nord Canada	Approval pending NIRB decision	Applied, Decision Pending		

## Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Air		

## Project accomodation types

Permanent Camp

## Utilisation de matériel

Équipement à utiliser (y compris les perceuses, les pompes, les aéronefs, les véhicules, etc.)

Type d'équipement	Quantité	Taille – Dimensions	Utilisation proposée
Bull dozer	500	Cu MTS	Move gravel and sand
John Deere 450 BullDozer	1	N/A	Moving material
Kubota 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

Décrivez l'utilisation du carburant et des marchandises dangereuses

Décrivez l'utilisation de carburant :	Type de carburant	Nombre de conteneurs	Capacité du conteneur	Quantité totale	Unités	Utilisation proposée
Diesel	fuel	25	205	5125	Liters	Fueling the equipment

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
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

# Déchets

## Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires
Tourism Activities	Eaux usées (matières de vidange)	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

## Répercussions environnementales :

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 de l'environnement existant : Environnement physique**

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 de l'environnement existant : Environnement biologique**

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 de l'environnement existant : Environnement socio-économique**

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

### **Miscellaneous Project Information**

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### **Identification des répercussions et mesures d'atténuation proposées**

### **Répercussions cumulatives**

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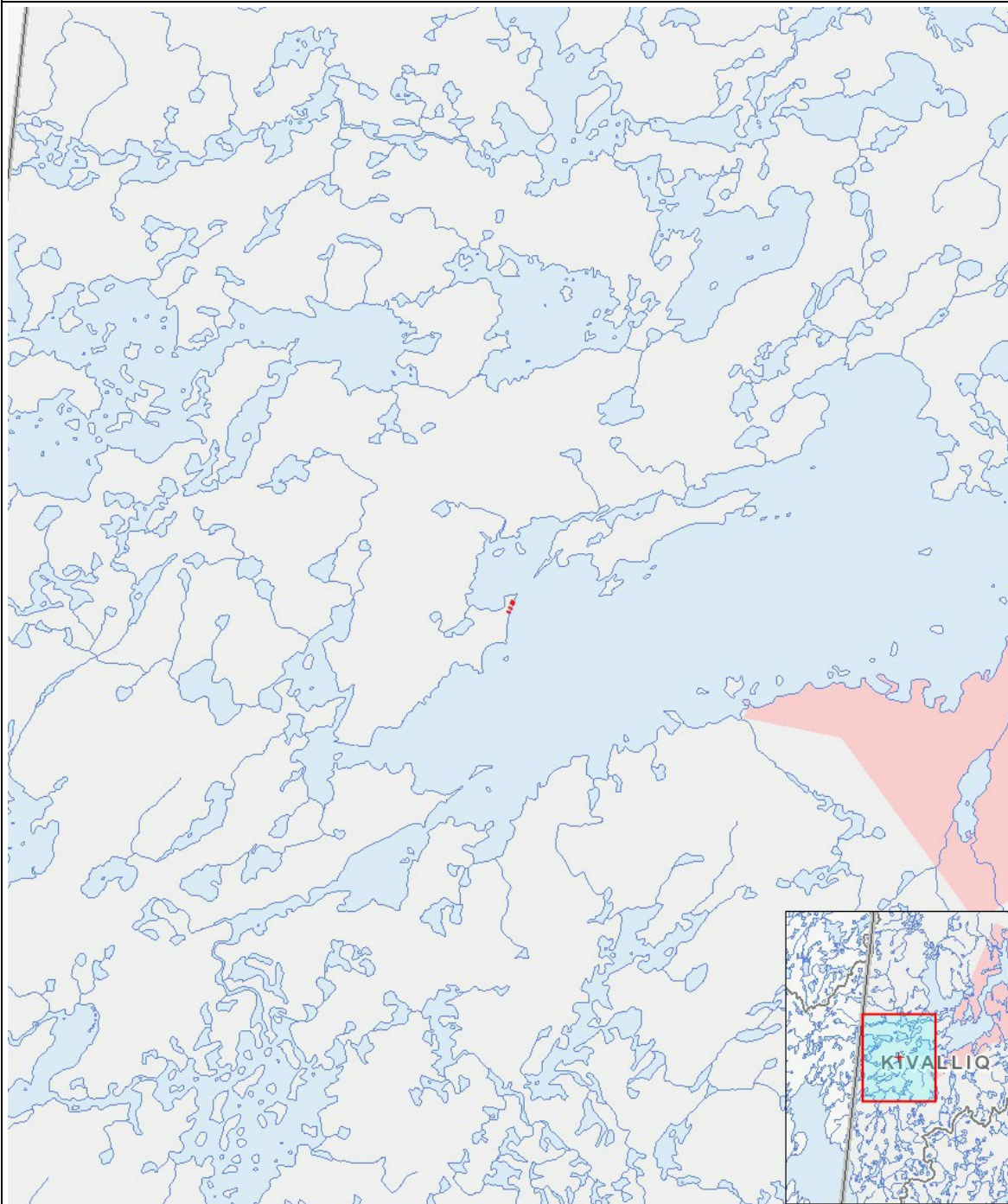
# Impacts

## Identification des répercussions environnementales

		ENVIRONMENTAL AND SOCIO-ECONOMIC IMPACTS																																													
		PHYSICAL												BIOLOGICAL												SOCIO-ECONOMIC																					
		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		Vegetation		Wildlife, including habitat and migration patterns		Birds, including habitat and migration patterns		Aquatic species, incl. habitat and migration/spawning		Wildlife protected areas		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		N	N	N	P	P		P	P	P	P	P	P	P	P							
Exploitation																																															
Tourism Activities		P	P	P	-	P	P	M	N	P	-	P	N		N	N	N	P	P		P	P	P	P	P		N	N	N	P	P		P	P	P	P	P	P	P	P							
Désaffectation																																															
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(P = Positive, N = Négative et non gérable, M = Négative et gérable, U = Inconnue)

## Site du projet



## Liste des géométries de projet

1	polyline	Arctic Haven Airstrip location
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