



## **Demande de la CNER faisant l'objet d'un examen préalable #125972**

### **Kinngait beluga and walrus biopsy, tagging, camera, and drone work**

**Type de demande :** New

**Type de projet:** Scientific Research

**Date de la demande :** 6/3/2024 1:04:29 PM

**Period of operation:** from 2024-09-09 to 2024-10-08

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## 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
Kinngait	Researching	Marine	Baffinland shipping operations will begin in the area in the next few years.	None known	Within 200 km of Kinngait, conducting day trips from the community.

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

Collectivité	Nom	Organisme	Date de la prise de contact
Cape Dorset	Annie Suvega	Aiviq Hunters and Trappers Organization	2024-03-01

# Autorisations

Indiquez les zones dans lesquelles le projet est situé:

Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Hunters and Trappers Associations/Organizations	Support letter from the Aiviq Hunters and Trappers Organization (Kinngait) for community-led fieldwork on walrus (tagging, biopsy, and imagery collection).	Active	2024-04-23	
Hunters and Trappers Associations/Organizations	Support letter from the Aiviq Hunters and Trappers Organization (Kinngait) for community-led fieldwork on beluga (tagging, biopsy, and imagery collection).	Applied, Decision Pending		
Pêches et Océans Canada	License to fish for scientific purposes (needed for tagging)	Applied, Decision Pending		
Pêches et Océans Canada	Authorization to Disturb a Marine Mammal	Not Yet Applied		
Pêches et Océans Canada	Approval of Animal Use Protocol	Not Yet Applied		

## Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Water	Motor boats will be used during day trips from the community	

## Project accomodation types

Collectivité

## 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
Drones	2	3.8 x 3.6 x 8.7	Will be flown by licensed pilots to collect information on beluga and walrus diving behaviour and body condition
Air rifle	2	42.5x3	To collect biopsy samples
Crossbow	2	15x20	To deploy satellite telemetry tags
Camera	2	5x 4	To take time lapse images of walrus haul-outs
Boat	2	0x0	Boat dimension / driver will be determined by the Aiviq HTO

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
Gasoline	fuel	2	205	410	Gallons	Boats needed for day trips

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
0		

# Déchets

## Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires
Information is not available				

### Répercussions environnementales :

No adverse environmental impacts are expected based on this project.

# **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**

No adverse effects are expected based on this project.

### **Description de l'environnement existant : Environnement biologique**

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

### **Miscellaneous Project Information**

Monitoring walrus and beluga is especially important because Baffinland Iron Mines plans to ship ore from its Mary River mine on Baffin Island using a railway south to Steensby Inlet. This will include an all-season deep-water port, and ice-breaking ore carriers travelling through Foxe Basin and Hudson Strait. This project is important for gathering baseline data on marine mammals in Hudson Strait.

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

This project is a collaboration with the HTO, ongoing discussions and joint planning will ensure timing of this study does not coincide with the subsistence hunt.

### **Répercussions cumulatives**

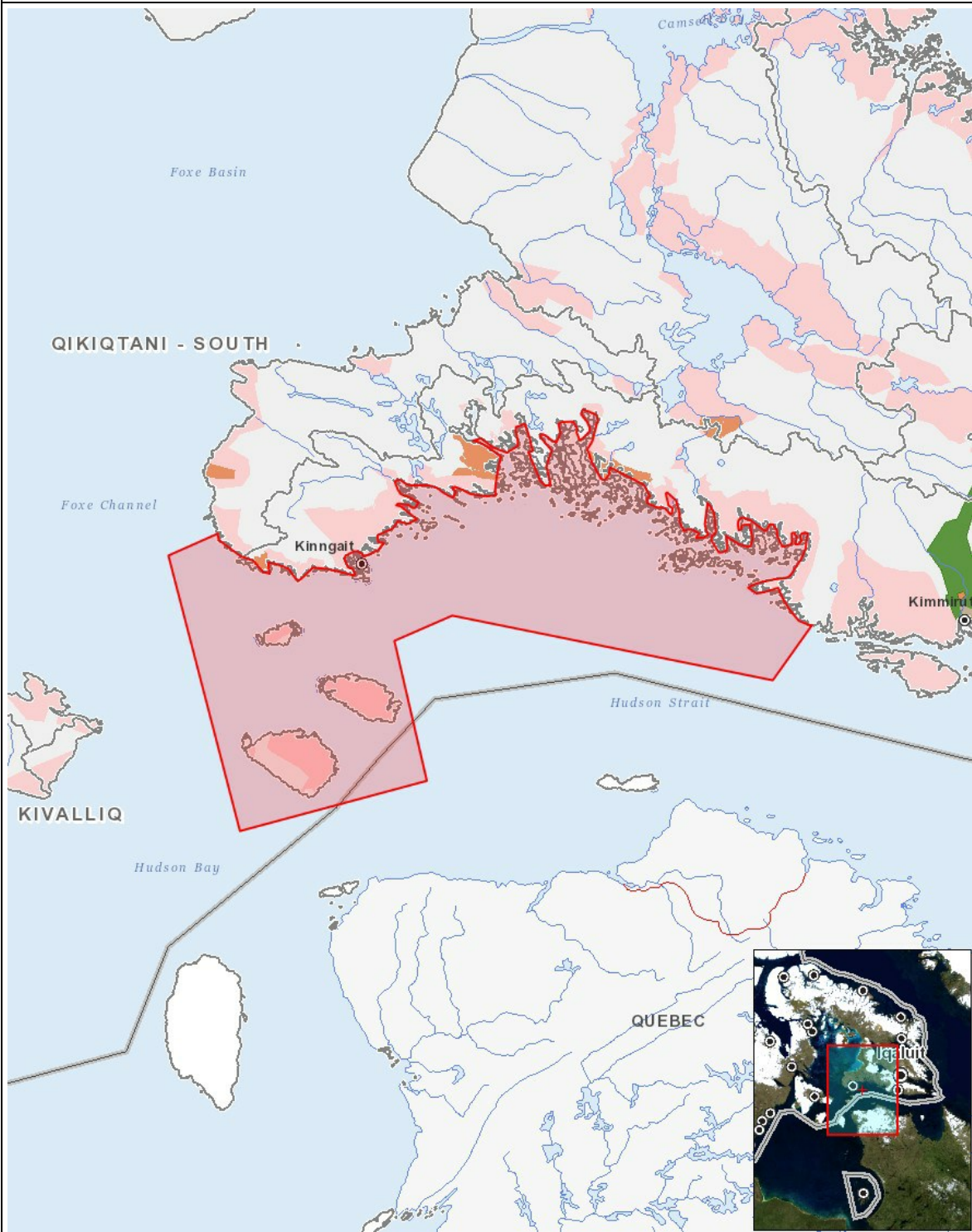
# Impacts

## Identification des répercussions environnementales

	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
<b>Construction</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Exploitation</b>																									
Researching		-	-	-	-	-	-	-	-	-	-	-	-								P	-	-	-	-
<b>Désaffectation</b>	-	-	-	-	-	-	-	-	-	-	-	-	-												

(P = Positive, N = Négative et non gérable, M = Négative et gérable, U = Inconnue)

Site du projet



Liste des géométries de projet

1	polygone	Kinngait
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