

Demande de la CNER faisant l'objet d'un examen préalable #125834
Annual shrimp survey in Hudson Strait.

DÉTAILS

Description non technique de la proposition de projet

[illegible]

Personnel

Personnel on site: 16
Days on site: 50
Total Person days: 800
Operations Phase: from 2023-07-14 to 2023-09-28

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
Shrimp survey area	Marine Based Activities	Marine	The survey performed annually.	n/a	Nearest community - Kimmirut, about 65km away from sampling area; proximity of Hatton Basin Closure, no sampling in closure

Engagement de la collectivité et avantages pour la région

Collectivité	Nom	Organisme	Date de la prise de contact
Information is not available			

Autorisations

Indiquez les zones dans lesquelles le projet est situé:

Transboundary
South Baffin

Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l’émission/de la demande	Date d’échéance
Pêches et Océans Canada	License to Fish for Scientific Purposes	Applied, Decision Pending		

Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Water	Fishing Vessel Katsheshuk II	

Project accomodation types

Autre,

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
Fishing vessel	1	60m length	Fishing Vessel Katsheshuk II will be used to do the survey.

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	1	460	460	Metric Tons	This is a fuel capacity of the vessel.

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
Marine Based Activities	Eaux grises	200t/day	According with Transport Canada regulations for offshore fishing operations.	Treated as per Transport Canada regulations.

Répercussions environnementales :

The impacts of the proposed research will be negative (removal of the resource, bottom disturbance), however, mitigation measures (catch not retained, short duration of the individual tow) will mitigate the impacts to some extent.

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

The vessel to be used is a Canada registered (Home Port: ST.JOHN'S), operational (active) fishing vessel - Katsheshuk II(IMO: 9127174; Call Sign: VAAI); it will be used to deploy the demersal trawl (Campelen) in the pre-selected locations in the Hudson Strait.

SECTION H2: Disposal At Sea

Catch and bycatch will be disposed immediately after processing (enumeration). Any disposal from the vessel will be done according to marine regulations of Transport Canada for the offshore operating vessel. The vessel will not dispose waste in the inshore areas.

SECTION I1: Municipal Development

Description de l'environnement existant : Environnement physique

There are no impacts for the physical environment.

Description de l'environnement existant : Environnement biologique

Catch and bycatch species removals are limited to an absolute minimum (15 minutes tows). Past history of the survey indicates that the following catch and bycatch amounts are expected: - shrimp: Northern Shrimp - 550kg, Striped Shrimp: 3200kg; - finfish (bony fish species): 2000kg; - other taxa (including sponges, corals, seastars etc.): 900 kg

Description de l'environnement existant : Environnement socio-économique

The survey provides information that feed directly into decision making on the Total Allowable Catch of shrimp. The shrimp in Hudson Strait are solely caught by the parties from Nunavut and Nunavik.

Miscellaneous Project Information

Identification des répercussions et mesures d'atténuation proposées

There is a catch (shrimp) and bycatch (fishes, sponges) involved in this research activity. The duration of the individual tow, thus the overall impact at the particular location, are minimized by reducing the tow time to 15 minutes and live release of fish when they are enumerated.

Répercussions cumulatives

Bycatch removal, shrimp (catch) removal from the particular location, disruption of the bottom by the trawl (minimal due to short tow duration).

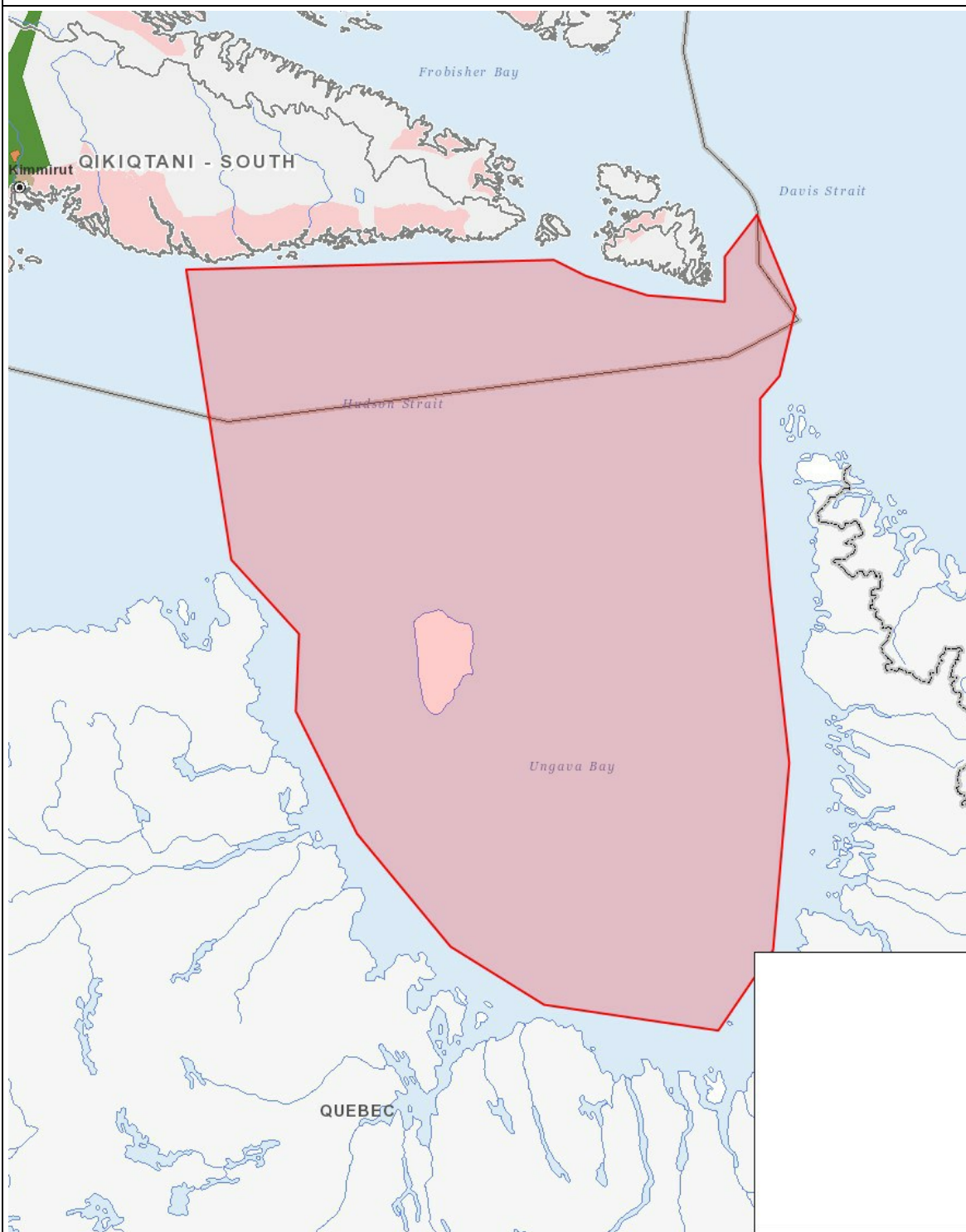
Impacts

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
Construction																										
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Exploitation																										
Marine Based Activities		-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	M	-		-	-	-	-	-
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	polygon	Shrimp survey area
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