



## **Demande de la CNER faisant l'objet d'un examen préalable #125364 Crocker Bay Study and NW Passage to Gjoa Haven**

**Type de demande :** New

**Type de projet:** Scientific Research

**Date de la demande :** 6/27/2018 10:46:41 PM

**Period of operation:** from 0001-01-01 to 0001-01-01

**Autorisations proposées:** from 0001-01-01 to 0001-01-01

**Promoteur du projet:** Nicole Trenholm  
990 Awald Rd  
Annapolis md 21403  
United States  
Téléphone :: 2152084464, Télécopieur ::

## DÉTAILS

## Description non technique de la proposition de projet

Anglais: Marine Based Scientific Research: This is a low impact study using a vessel of opportunity. The research group is made up of 2 University graduate students and two Canadian pleasure yacht adventurers. The total voyage is from July 28 to August 26, 2018. The work involves a 4 day stop at Croker Bay in a 40 sailing boat for bathymetric & oceanographic surveys. Cruise ends for 2 students at Gjoa Haven, where they will fly back to the US, while Canadian vessel will proceed through the passage. Alternative fly out locations includes Pond Inlet and Resolute. Location: Qikiqtani Region [Croker Bay and Northwest Passage Transit]

Français: n/a

[illegible]

Inuinnaqtun: n/a

## Personnel

Personnel on site: 4

Days on site: 4

Total Person days: 16

Operations Phase: from 2018-07-28 to 2018-08-26

## 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
Transit through Northwest Passage with survey in Crocker Bay	Marine Based Activities	Marine	N/A previously surveyed bay	N/A	Resolute, Pond Inlet and Gjoa Haven

### 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  
Kitikmeot  
North Baffin

### Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Institut de recherche du Nunavut	NPC No 148838	Active	2018-06-19	2018-08-28

### Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Water	recreational yacht	

### 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
yacht	1	39 feet	cruise, research

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	3	300	900	Gallons	inboard engine when needed

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
1	Carry drinking and washing water needs from Greenland	Greenland

# Déchets

## Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires
Marine Based Activities	Other, kitchen rubbish	2 bags	leave stowed in vessel	n/a

## Répercussions environnementales :

More collaborative research discoveries between Canadian agency and academic researchers with US academic researchers.

# **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**

Survey observations regarding the ice and ocean physical and environmental conditions in the NW Passage and Crocker Bay.

## **SECTION H2: Disposal At Sea**

## **SECTION I1: Municipal Development**

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

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

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

## **Miscellaneous Project Information**

7/12/2018 Additional details request: As the Canadian vessel approaches the Northwest Passage the Canadian Captain will assess the ice conditions to determine if the 2 Americans can be checked into the country in a navigable open port. If conditions do not permit stopping in Pond Inlet then the Canadian Captain will call the proper authorities to provide arrival Passport information and details for checking in the 2 Americans. All aboard are familiar with this process. The 2 Americans are planned to depart from Gjoa Haven and fly back to the US around the 25th of August. If ice conditions do not allow the 2 Americans may depart from a different ice free harbor town such as Resolute or Pond Inlet. The two Canadians will continue on through the Northwest Passage keeping to the Canadian Coast Guard mandatory 24 hour position check in and departure from Canadian waters. The two Canadians continue through the Northwest Passage to International waters and then Alaska.

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

### **Répercussions cumulatives**

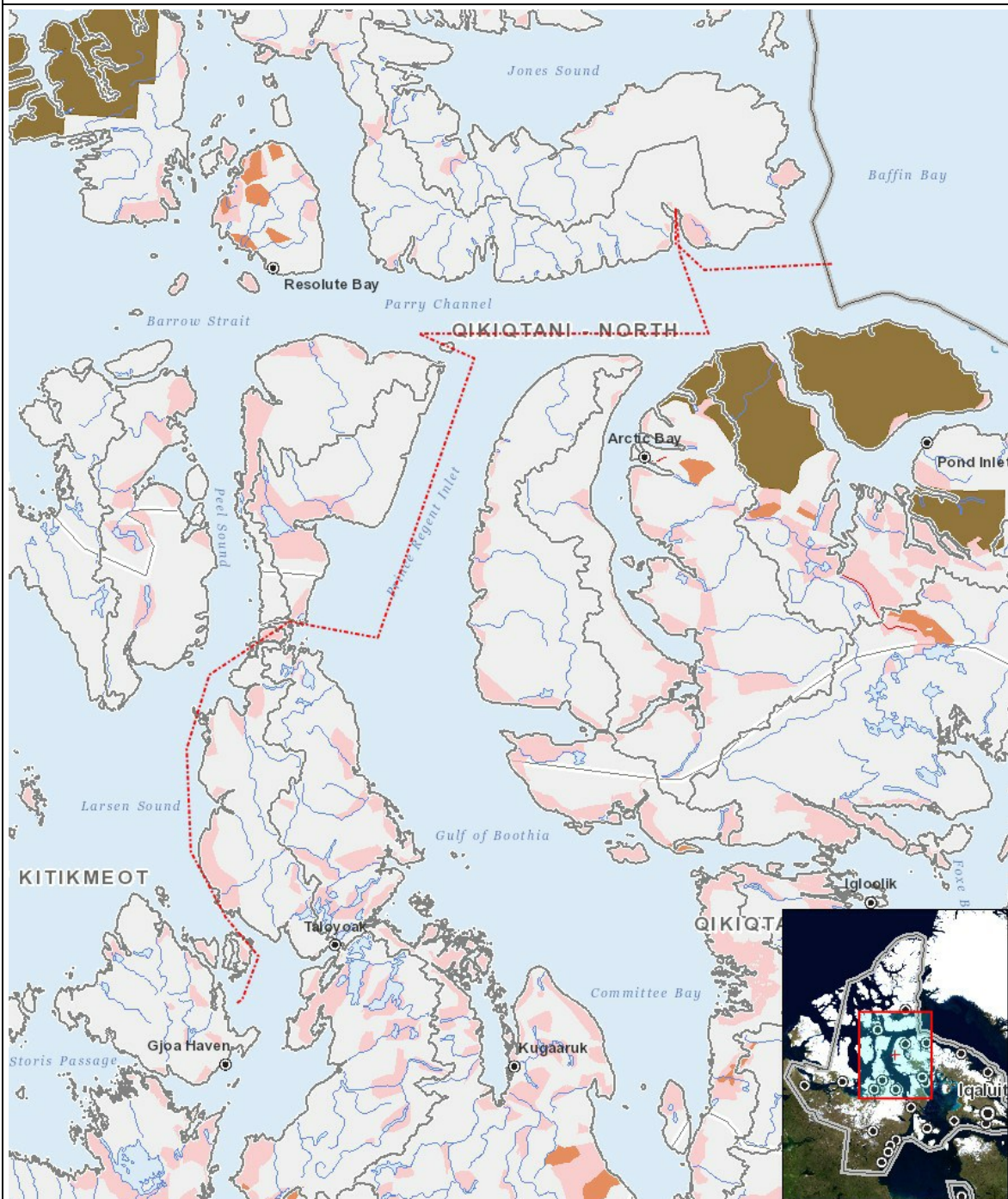
# Impacts

## 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>																										
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<b>Exploitation</b>																										
Marine Based Activities		-	-	-	-	-	P	-	-	-	P	-	-		-	-	-	-	-		-	-	-	-	-	-
<b>Désaffectation</b>																										
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(P = Positive, N = Négative et non gérable, M = Négative et gérable, U = Inconnue)

## PROJECT MAP



## LIST OF PROJECT GEOMETRIES:

- |   |          |  |
|---|----------|--|
| 1 | polyline | Transit through Northwest Passage with survey in Crocker Bay |
|---|----------|--|