



<b>Type de demande :</b>	New
<b>Type de projet:</b>	Site Cleanup/Remediation
<b>Date de la demande :</b>	7/7/2022 9:34:40 AM
<b>Period of operation:</b>	from 0001-01-01 to 0001-01-01
<b>Autorisations proposées:</b>	from 0001-01-01 to 0001-01-01
<b>Promoteur du projet:</b>	Dele Morakinyo CIRNAC (NRO) P.O. Box 2200 Iqaluit Nunavut X0A 0X0 Canada Téléphone :: (873) 354-1694, Télécopieur ::

# DÉTAILS

## Description non technique de la proposition de projet

Anglais: Please find the executive summary in English Language attached as to the Project Documents' section as: Coral Harbour Site Remediation Project Executive Summary (English),pdf

Français: Not Applicable

Inuktitut: Please find the executive summary in Inuktituit Language attached as to the Project Documents' section as: Coral Harbour Site Remediation Project Executive Summary (Inuktituit),pdf

Inuinnaqtun: Not Applicable

## Personnel

Personnel on site: 35

Days on site: 105

Total Person days: 3675

Operations Phase: from 2022-04-01 to 2025-03-31

Operations Phase: from 2022-04-01 to 2025-03-31

Closure Phase: from 2024-11-01 to 2025-03-31

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
Coral Harbour Site	Site Cleanup/Remediation	Crown	Coral Harbour Site consists of areas around the Hamlet of Coral Harbour operated between the 1940s to the mid 1950s as training areas and base (staging area) for operations (including the DEW Line Sites) by the US and Canadian Militaries. In the 1970s, the airfield became the municipal airport and the rest of the site was abandoned. Site contains non-hazardous and hazardous wastes, waste disposal areas and contaminated soils	3 archaeological sites were identified on Coral . 2 of the sites are pre-contact stone feature that may represent a cache or collapsed inuksuk, and a historic tent ring. The third site not within proximity of Project components and consists of multiple stone features, both pre-contact and historic. During remediation the 3 sites will be avoided. Fencing may be used to ensure avoidance.	Coral Harbour Site is about 10 km northwest of the hamlet of Coral Harbour, Nunavut,

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

Collectivité	Nom	Organisme	Date de la prise de contact
Coral Harbour	Hamlet and Community Members	Community of Coral Harbour	2022-03-02

## 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	Land Use Permit (LUP)	Not Yet Applied		
Office des eaux du Nunavut	Water Use License (WUL))	Not Yet Applied		
Affaires autochtones et Développement du Nord Canada	Quarrying Permits (QPs)	Not Yet Applied		
Government of Nunavut, Community Government & Services	Land Use Permit / Authorization certificate	Not Yet Applied		
Transports Canada	Authorization Letter for Lot 541 and 542 (previously lot 8)	Not Yet Applied		
Pêches et Océans Canada	Authorization Letter for Lot 1001 which is under the administration and control of DFO	Not Yet Applied		
Autre	Authorization Letter from the Municipality of Coral Harbour for Lot 384 which is a municipal land, occupied by DFO without interest	Not Yet Applied		

### Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Air		

### Project accomodation types

Temporary 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
Backhoe	3	> minimum Weight 10 tons	Site Remediation - demolition, construction, grading, regrading etc. (precise details to provided by successful contractor)
Tracked Tractors	2	> minimum Weight 10 tons	Site Remediation - demolition, construction, grading, regrading etc. (precise details to provided by successful contractor)
others - various	10	> minimum Weight 10 tons	Various - Site Remediation - demolition, construction, grading, regrading etc. (precise details to provided by successful contractor)

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	10	10000	100000	Liters	run equipment, vehicles and camp heating
Gasoline	fuel	10	205	2050	Liters	run vehicles and ATVS
None	hazardous	0	0	0	Liters	N/A

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
13	Pumping, on-site treatment and trucking to camp. Details of treatment and polishing unit to be provided by successful contractor, after contract award.	On-site freshwater source to be determined by the successful remediation contractor

# Déchets

## Gestion des déchets

Activités du projet	Type des déchets	Quantité prévue	Méthode d'élimination	Procédures de traitement supplémentaires
Site Cleanup/Remediation	Déchets combustibles	To be determined (TBD)	On-site incineration in an enclosed container	None
Site Cleanup/Remediation	Eaux grises	5000 L/day	Disposed of with sewage	None
Site Cleanup/Remediation	Déchet dangereux	TBD	Shipped off-site to a licensed southern facility	None
Site Cleanup/Remediation	Déchets non combustibles	TBD	Shipped off-site for disposal	None
Site Cleanup/Remediation	Mort-terrain (sol organique, déchets, résidus)	TBD	Shipped off-site for disposal	None
Site Cleanup/Remediation	Eaux usées (matières de vidange)	2000 L/day	On-site Lagoon or other approach that may be suggested by the contractor	None

## Répercussions environnementales :

The predicted environmental impacts of this project and the proposed mitigations are contained in the attached Project Proposal Report (PPR). After the application of the mitigation measures proposed in the PPR, the potential residual effects of the project are anticipated: to be short-term in nature with the exception of potential effects to groundwater associated with the NHW facility; to occur occasionally throughout the Project; and to be limited to areas directly disturbed by the Project (footprint) and areas within 500 m of the footprint because the Project will use areas of existing disturbance as much as possible to mitigate potential residual effects. The effects to all value components (VCs) are evaluated as low magnitude and will not threaten the sustainability of VCs.

# **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**

- <10 m3 Batteries - Removal of batteries from vehicles and equipment, if present, and off-site disposal at a registered hazardous waste facility. ~134,100 L Liquid - To be sampled and incinerated on-site if they meet incineration criteria. Residual ashes disposed of in the recommended on-site NWH facility following leachate analysis. Barrel contents unfit for incineration will be amalgamated and shipped off-site to a licensed facility for treatment and/or disposal. For incinerated remains disposed of in NHW, the NHW will undergo long term monitoring (LTM) post remediation- >5 m3 Asbestos - Abate, double bag and dispose of in the recommended on-site NHW facility. The NHW will undergo long term monitoring (LTM) post remediation. >100 m2 Lead Amended Paint - Partial abatement on-site of poorly adhered paint and off-site disposal of removed paint at hazardous waste facility. Following partial abatement, materials with remaining well adhered paint may be treated with Lead Defender® and disposed of in the on-site NHW facility. The NHW will undergo long term monitoring (LTM) post remediation. -16000L Aqueous Liquid - To be sampled and incinerated on-site if they meet incineration criteria. Residual ashes disposed of in the recommended on-site NWH facility following leachate analysis. Barrel contents unfit for incineration will be amalgamated and shipped off-site to a licensed facility for treatment and/or disposal. For incinerated remains disposed of in NHW, the NHW will undergo long term monitoring (LTM) post remediation- unknown volume (m3) of Hazardous Buried Debris - Classification of the WDAs in accordance with the AMSRP to designate each as a Class A, B or C and determine the appropriate remedial action prior to the remedial program. Dispose of as HW if indicated by results. For wastes disposed offsite, no further treatment required. For wastes disposed in the NHW, the facility will undergo LTM post remediation. - 60 m3 (vol. after crushing) - The non-hazardous waste (empty barrels) will be emptied, cleaned, crushed, and disposed of in a non-hazardous waste (NHW) facility constructed at the Site. The NHW will undergo long term monitoring (LTM) post remediation- 6815 m3 (in waste disposal areas (WDAs)) - The WDAs will be classified in accordance with the Abandoned Military Site Remediation Protocol (AMSRP) (INAC, 2008) to designate each as a Class A, B or C and determine the appropriate remedial action prior to the remedial program. Any excavated hazardous materials shall be segregated and disposed off-site, while excavated NHW will be disposed of in the on-site NHW facility. The NHW and any WDA left in place will undergo long term monitoring (LTM) post remediation- 80 m3 (may contain some combustible wood) - The Infrastructure (Tank Farm and Wooden Shed) will be dismantled, incinerated or compacted, and non-combustibles will be disposed of in the on-site NWH facility. Tank farm will require an assessment prior to remedial program to determine if/what contents are present and if the paint on tanks is amended paint. The NHW will undergo long term monitoring (LTM) post remediation. - 3430 m3 The surface solid debris will be collected, segregated, shredded, compacted and disposed of in the on-site NWH facility. Combustibles such as inert wooden materials will be segregated and incinerated on-site. The NHW will undergo long term monitoring (LTM) post remediation. - 1950 m3 Soil (PHC) - surface staining - Areas of surficial staining to be excavated to an assumed depth of 1 m and disposed of in the on-site NHW facility. Excavated areas to be filled with borrow material and regraded to match surrounding landscape.

## **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**

Please refer to the attached Phase III ESA, RAP and PPR

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

Please refer to the attached Phase III ESA, RAP and PPR



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

Please refer to the attached Phase III ESA, RAP and PPR

**Miscellaneous Project Information**

None

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

The predicted environmental impacts of this project and the proposed mitigations are contained in the attached Project Proposal Report (PPR). After the application of the mitigation measures proposed in the PPR, the potential residual effects of the project are anticipated: to be short-term in nature with the exception of potential effects to groundwater associated with the NHW facility; to occur occasionally throughout the Project; and to be limited to areas directly disturbed by the Project (footprint) and areas within 500 m of the footprint because the Project will use areas of existing disturbance as much as possible to mitigate potential residual effects. The effects to all value components (VCs) are evaluated as low magnitude and will not threaten the sustainability of VCs.

**Répercussions cumulatives**

Reference to the attached PPR

# 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>																										
Site Cleanup/Remediation		-	P	P	-	P	P	P	P	P	M	-	M	-		P	P	P	P	-		M	P	P	P	P
<b>Exploitation</b>																										
Site Cleanup/Remediation		-	P	P	-	P	P	P	P	P	P	-	P	-		P	P	P	P	-		P	P	P	P	P
<b>Désaffectation</b>																										
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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	point	Coral Harbour Site
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