



## **Demande de la CNER faisant l'objet d'un examen préalable #125501 Iqaluit 2019 Emergency Water Supply Project**

**Type de demande :** New

**Type de projet:** Eau

**Date de la demande :** 1/15/2020 5:49:12 PM

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

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

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# DÉTAILS

## Description non technique de la proposition de projet

Anglais: The City of Iqaluit is applying to amend water licence 3AM-IQA1626 on an emergency basis to allow supplementation of Lake Geraldine Reservoir from the Niaqunguk (Apex River) and Unnamed Lake in 2019. The scope of activities including the construction of an access trail from the Road to Nowhere to Unnamed Lake including the installation of culverts; construction of a semi-permanent pipeline from Niaqunguk (Apex) River to Lake Geraldine; mobilization, operation, maintenance and demobilization of equipment and infrastructure (except semi-permanent pipeline), to Niaqunguk (Apex) River and Unnamed Lake pumping sites; installation and operation of temporary pumps and a pipeline approximately 1.2 kilometres (km) to transfer water from Unnamed Lake to the Niaqunguk (Apex) River; temporary withdrawal (August 2019-October 2019) of up to 700,000 cubic metres (m<sup>3</sup>) of water from Unnamed Lake; withdrawal of up to 700,000 m<sup>3</sup> water from the Niaqunguk (Apex) River; increase in the total amount of water allowed to be withdrawn from Lake Geraldine, from 1,100,000 m<sup>3</sup>/year to 2,000,000 m<sup>3</sup>/year; conduct research on depth, waterflow and water quality in Unnamed lake; and monitor project activities in accordance with an Operational Monitoring Plan, to maintain compliance with the City of Iqaluit's Type "A" Water Licence 3AM-IQA1626 (Amendment No. 3) and with advice provided by DFO in a Letter of Advice (19-HCAA-00969).

Français: Not Available

Inuktitut: Not Available

Inuinnaqtun: Not Available

## Personnel

Personnel on site: 0

Days on site: 0

Total Person days: 0

Operations Phase: from 2019-08-15 to 2019-09-21

## 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
Pipeline from Unnamed Lake to Niaqungauk (Apex) River	Other	Commissioners	Unknown	Unknown	Iqaluit
Pipeline from Niaqungauk (Apex) River to Lake Geraldine Reservoir	Other	Commissioners	Unknown	Unknown	Iqaluit

### 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:

South Baffin

### Autorisations

Organisme de régulation	Description des autorisations	État actuel	Date de l'émission/de la demande	Date d'échéance
Office des eaux du Nunavut	Amendment 003 to Type A Water Licence 3AM-IQA1626 - Emergency Undertaking	Active	2019-08-09	

### Project transportation types

Transportation Type	Utilisation proposée	Length of Use
Air	Helicopter	
Land	ATV	

### 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
Information is not available			

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
Information is not available						

Consommation d'eau

Quantité quotidienne (m3)	Méthodes de récupération de l'eau proposées	Emplacement de récupération de l'eau proposé
700	The City proposes to withdraw water from the Unnamed Lake and transfer it approximately 1.5 km via flexible hoses into the Apex River at a location approximately 2.3 km upstream.	Apex River Pump location water is then withdrawn and conveyed by pipeline to Lake Geraldine

# 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 :

See attached supporting documents.

# **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**

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

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

**Miscellaneous Project Information**

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

**Répercussions cumulatives**



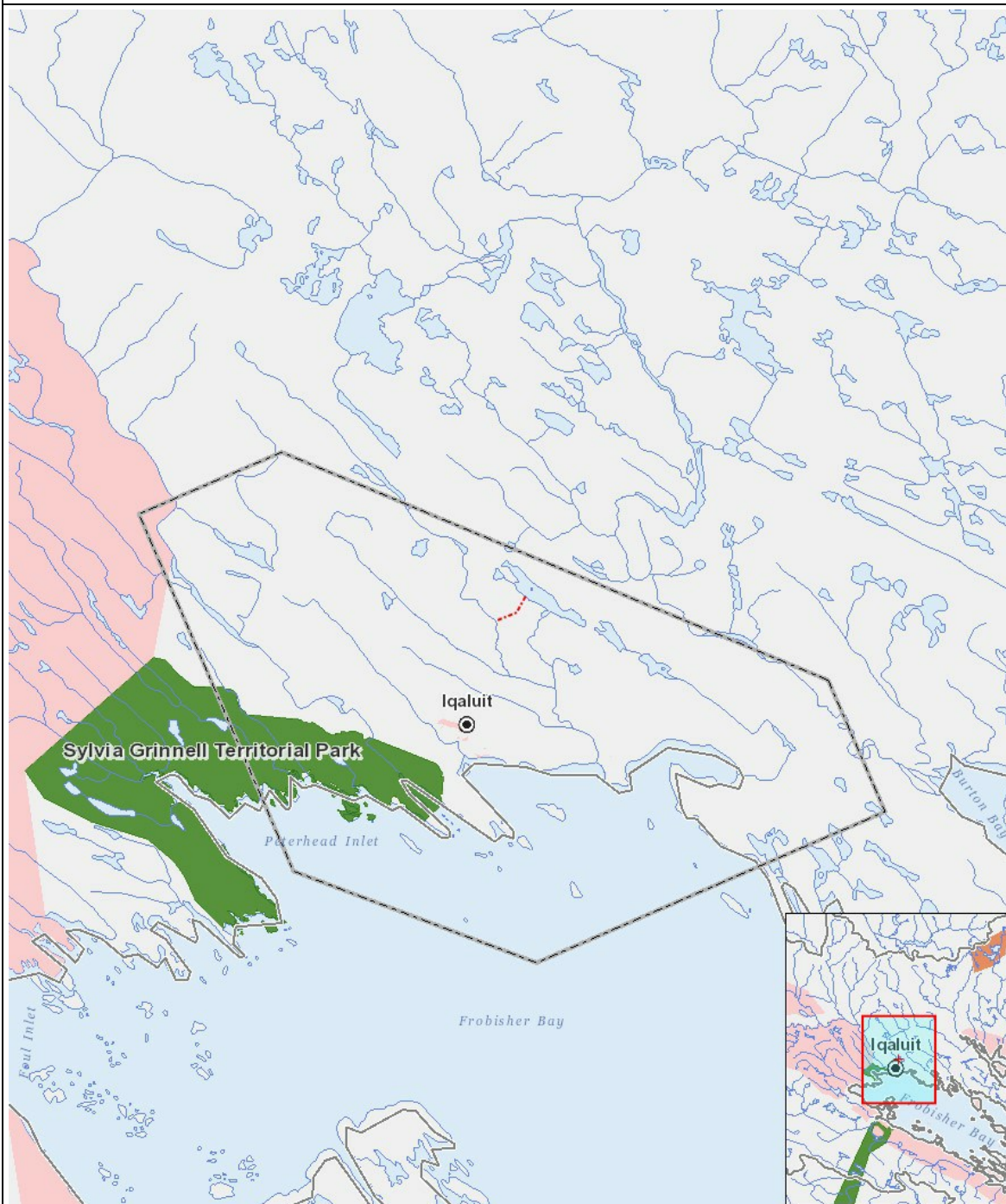
Impacts

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
Construction	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Exploitation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Désaffectation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

## Site du projet



## Liste des géométries de projet

- |   |          |   |
|---|----------|---|
| 1 | polyline | Pipeline from Unnamed Lake to Niaqungauk (Apex) River             |
| 2 | polyline | Pipeline from Niaqungauk (Apex) River to Lake Geraldine Reservoir |