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▷ Δ&NDS: Travaux prévus et en cours Phase 3 : La conception préliminaire (FEED) a débutée à la fin de 2024. Les principaux aspects de la phase 3 sont les activités commerciales, l'ingénierie préliminaire, les enquêtes et la mobilisation. Voici une liste des activités sur le terrain qui seront terminées en 2025.

- Études environnementales de base - Géophysique o L'échantillonnage de terrain opportuniste (sol, eau de surface, nappes phréatiques) achèvera au cours de la première année en coopération avec les équipes de terrain déployées pour d'autres disciplines.
- Terrestre o Un vaste réseau de caméras animalières entourant le réservoir primaire proposé sera déployé dans une zone tampon entourant les tracés routier. Ces caméras permettent également l'analyse des animaux non sauvages. o Pendant le déploiement des caméras, l'équipe de protection de la faune sera accompagnée d'un spécialiste des écosystèmes terrestres pour effectuer les évaluations de l'écosystème et de l'habitat de la faune à chaque emplacement de caméra.
- Oiseaux o Relevés aériens et comptage de points pour les oiseaux nicheurs o Postes de comptage répartis dans les zones de perturbation proposée o Des relevés de surveillance le long des routes proposées pour

[illegible]

Operations Phase: from 2025-07-02 to 2025-10-11

Λ Γ Δ Ε Ζ Η Θ Ι Κ Λ Μ Ν Ξ Ο Π Ρ Σ Τ Υ Φ Χ Ψ Ω

[illegible][illegible][illegible]

$\subset \Delta^{\text{a}} j^c \wedge J^{\text{a}} q \triangleright \dot{n} \triangleleft^{\text{a}} r^{\text{ab}} C \triangleright l L r^c$

Project transportation types

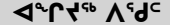



Transportation Type	Transportation Mode	Length of Use
Air	Helicopter and fixed wing plane	
Water	Small open boat with outboard motor for travel across the potential reservoir	
Land	By foot only	

Project accomodation types

Temporary Camp

◀▷σ◀^{ε_b}▷^{ε_b}

A^cd^c d^ar^ts^b d^cs^bCd^csd^ah^ts^b ΔL^cbi^cDn^cr^c ΔjCΔ^c, Γ^c-j^cd^pn^c, s^bu^cLⁱs^b, m^er^cd^c d^ra^c-j

			
AutoSalt water flow monitoring systems	2	24.5 x 23 x 48 tall	The two AutoSalt monitoring systems will be commissioned in the McKean River to monitor water flow for a one-year period.

[illegible]

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Gasoline	fuel	350	20	7000	Liters	ATV Use
Diesel	fuel	200	20	4000	Liters	Camp Gensets
Diesel	fuel	526	20	10520	Liters	Tent Heat

$\Delta L^{\zeta_b} \triangleleft^{\zeta_b} C \triangleright^{\zeta_b} \dot{L}^{\zeta_b} \triangleright^{\zeta_b}$

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0	Treatment of local surface water via pumps.	Unknown at this point but in proximity to the camp.

$$\nabla^b C d \zeta \rho \sigma \nabla^a \sigma^{\zeta b}$$

$\triangleleft \nabla \cap \Gamma \triangleright C \dot{\sigma}^C \supset^C \triangleleft^b \supset^{cb} C \triangleright \gamma \perp \gamma^C$

Physical, Biological, and Socio-economic impacts marked as positive below (with the exception of employment) will all benefit from this research as more information is collected on the hydrological, geological, soil quality, vegetation, wildlife, bird, aquatic specific, and archaeological conditions in the area. Employment will be positively impacted as a result of increased employment opportunities for Iqalungmiut and Panniqtuumiut during this field season. Noise levels have been marked as Negative/Mitigable as there may be increases in noise levels from increased air traffic and the temporary camp on-site. These impacts will be mitigated through coordination with Rightsholders on the field season plan to ensure Inuit Qaujimajatuqangit is incorporated into the field plan, including recognizing migratory windows and other environmental parameters that will define access to the area and use of the area during the research activities.

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

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The Project Area in which this research is planned is undeveloped nuna. The location of the temporary camp from which the research will be conducted is approximately 60 km northeast of Iqaluit at the base of a large reservoir of water on the McKeand River (Kuugaluk Area). There is no pollution in the area as a result of its undeveloped status. There is another temporary camp approximately 40 km northeast of the proposed camp being used for mining exploration activities. The area in which the research is being proposed has been used as a transportation route for hunters and travelers on skidoo travelling between Iqaluit and Panniqtuuq, or for travelers heading to Sukaanga. The goal of this research is to enable a holistic and accurate understanding of the physical environment before anything is proposed for potential future development in the area.

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The area in which the research is being proposed is nearby the McKeand River (Kuugaluk Area) wherein a variety of flora and fauna species exist. The purpose of this research is to confirm exactly how the biological environment in the area functions. The team performing the proposed baseline studies has completed similar studies at the nearby exploratory mining camp. The team is aware of various wildlife in the area (terrestrial and aquatic) as well as various flora and vegetation in the area. The goal of the research planned for this year is to collect accurate data to ensure the biological environment is well understood in its current state before anything is proposed for future development in the area.

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The area in which the research is being planned is approximately 60 km northeast of Iqaluit. There is no permanent human settlement in the area, though the area is used as a transportation route for hunters and travelers on skidoo travelling between Iqaluit and Panniqtuuq, or for travelers heading to Sukaanga. There is no economic development in the area. As the proposed area lies between Iqaluit and Panniqtuuq, there will be employment opportunities for both Iqalungmiut and Panniqtuumiut throughout the planned field work this season. NNC will also be engaging directly with Rightsholders in Iqaluit and Panniqtuuq to ensure comfort with the planned field work planned for the season. Incorporation of Inuit Qaujimajatuqangit will occur before the field season plans are finalized. The goal of this research is to confirm baseline understanding of the area before anything is proposed for future development.

Miscellaneous Project Information

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Cumulative Effects

Impacts

$\mathbb{A}^1_{\mathbb{A}^1} \xrightarrow{\sigma} \mathbb{A}^1 \xrightarrow{\tau} \mathbb{A}^1 \xrightarrow{\rho} \mathbb{A}^1$

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																	

($P = \langle b \rangle_{\mathcal{A} \cap \mathcal{B}}$, $N = \langle b \rangle_{\mathcal{A} \cap \mathcal{B}}$, $M = \langle b \rangle_{\mathcal{A} \cap \mathcal{B}}$, $U = \langle b \rangle_{\mathcal{A} \cap \mathcal{B}}$)

1	polyline	Potential flooded extent of the reservoir
2	point	Potential outflow location

- | | | |
|---|----------|---|
| 1 | polyline | Potential flooded extent of the reservoir |
| 2 | point | Potential outflow location |