



NIRB Uuktuutinga Ihivriughikhamut #125614

Kivalliq Hydro-Fibre Link Baseline Research

Uuktuutinga Qanurittuq: New

Havaap Qanurittunia: Scientific Research

Uuktuutinga Ublua: 5/17/2021 12:40:03 PM

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

Piumayaat Angirutinga: from 0001-01-01 to 0001-01-01

Havauhikhaq Ikayuqtinga: Kono Tattuninee
Kivalliq Inuit Association
32-4 Sivulliq Ave. P.O. Box 340
Rankin Inlet NU X0C 0G0
Canada
Hivayautit Nampanga:: (867) 645-5725, Kayumiktukkut Nampanga::

Operations Phase: from 2021-04-23 to 2023-04-23

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannuqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
KHFL proposed development corridor	Baseline data	Inuit Owned Surface Lands	N/A	N/A	Arviat, Whale Cove, Rankin Inlet, Chesterfield Inlet, Baker Lake, McConnell River (Kuugaarjuk) Migratory Bird Sanctuary, Inuujaarvik Territorial Park, and Iqalugaarjuup Nunanga Territorial Park.

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Arviat	Mayor Joe Savikataaq Jr.	Hamlet of Arviat	2020-07-16
Tikiraryuaq	Mayor Percy Kabloona	Hamlet of Whale Cove	2020-07-16
Kangirliniq	Mayor Harry Towtongie	Hamlet of Rankin Inlet	2020-07-16
Igluligaaryuk	Mayor Bernie Aggark	Hamlet of Chesterfield	2020-07-16
Qamaniittuaq	Mayor Richard Aksawnee	Hamlet of Baker Lake	2020-07-16
Arviat	Daniel Kablutsiak	Arviat Hunters and Trappers Organization	2020-07-28
Qamaniittuaq	Richard Aksawnee	Baker Lake Hunters and Trappers Organization	2020-07-28
Igluligaaryuk	Harry Aggark	Aqigiq Hunters and Trappers Organization	2020-07-28
Kangirliniq	Harry Ittinuar	Kangiqiliniq Hunters and Trappers Organization	2020-07-28
Tikiraryuaq	Simon Enuapik	Issatik Hunters and Trappers Organization	2020-07-28
Kangirliniq	Stanley Adjuk	Kivalliq Wildlife Board	2020-07-29

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Transboundary
Kivalliq

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunavut Kavamanga, Avatiliriyikkut	Wildlife Research Permit	Not Yet Applied		
Iqalukhiurniqmut Tariuqmilu Kaanata	Fish for Scientific Purposes Permit	Not Yet Applied		
Nunavut Imaligiyyit Katimayit	Approval to Use Water/Deposit Water Without a License	Not Yet Applied		
Government of Nunavut, Department of Culture, Language, Elders, and Youth	Archaeology and Paleontology Research Permit, Class I	Not Yet Applied		
Kivalliq Inuit Katimayit	Exemption Certificate	Not Yet Applied		
Nunaqaqqaahimayuliriyikkut Ukiuqtaqtumi Pivallianiq Kaanata	Class B Land Use Permit	Not Yet Applied		
Nunavunmi Ihivriunqniqmut Timiqutigiyanga	Physical and natural sciences license & Social sciences research license	Not Yet Applied		

Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Air	helicopter	
Land	snowmobile and ATV	

Project accomodation types

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

Hanalrutit atuqtaunahuat (ukuallu ikuutat, pampiutainnik, tingmitinik, akhaluutinik, hunaluuniit)

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Autonomous Recording Units	25	22x17x8	Provide data on song and waterbird presence
Helicopter	1	4 passengers	Overflights of proposed development corridor and crew transport between research sites
Ground temperature sensors	10	2x120x2	Ground temperature sensors will be installed to understand active layer dynamics and sensitivity to climate change.
Reconyx Remote Camera	30	15X25X 10	Recording photos of wildlife
Backpack electrofisher	2	20x36x12	Fish community assessment
YSI 556 multi-meter	1	15x5x10	Assess water chemistry
Lamotte 2020e turbidity meter	1	15x5x10	Assess water chemistry
Backpack-portable permafrost drill	2	81x66x52	Assess soil and ground ice conditions

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Aviation fuel	fuel	28	205	5740	Liters	Overflight of proposed development corridor and crew transport between research sites

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagaani qanuq	Atulirumayain imavaluin utiqittagani humi
0		

Iqqakuq

Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Baseline data	Ikulalaaqtun iqqakuuvaluin	less than one kilogram	Packaging associated with sampling materials will be collected and disposed at municipal waste sites	none applicable

Avatiliriniqmut Ayurhautingit:

Potential for wildlife disturbance during ground activities and helicopter overflights. Where research activities require ground access field teams will be consolidated to minimize disturbance. Ground activities typically limited to groups of three people along proposed development corridor. Researchers will avoid known important wildlife locations (e.g., nests) and will travel with local Inuit Wildlife Monitors who will be responsible for spotting wildlife and taking action to avoid crew interactions with wildlife. Helicopter altitude will ensure that animals are not dispersed, and any circling will be minimal at an altitude sufficient to not cause disturbance. Helicopter flights, installation of equipment, and any aquatic habitat investigations will adhere to guidelines issued by the responsible regulatory authority to minimize effects. Any packaging associated with sampling materials will be collected and removed from site and disposed of in acceptable municipal waste disposal facilities.

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

Qanurittuq Ittunik Avatinga: Avatingalluanga

N/A

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

N/A

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

N/A

Miscellaneous Project Information

N/A

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

N/A

Tamatkiumayunik Ihuikgutivaktunik

N/A

Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

[illegible]

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaaqtuq, U = Naluyauyuq)

Havaariyauyukhamut Nayugaa



List of Project Geometries

1	polygon	KHFL proposed development corridor
---	---------	------------------------------------