

Post-Closure Phase: from to

Hulilukaarutit

Hulilukaarutit

Inigiya	Hulilukaarut Qanurittuq	Nunannga Qanurittaakhaanik	Initurlinga qanuritpa	Initurlinga utuqqarnitat unaluuniit Ingilraaqnitat Uyarannuqtut akhuurninnga	Qanitqiyauyuq qanitqiamut nunallaat kitulluuniit ahiruqtaliyainnit nuna
Iqaluit Power Plant Fuel Farm	Fuel and chemical storage	Commissioners	The fuel tank farm has existed since 1964 and has since then been used to store diesel fuel to power electrical generators. An upgrade was done in 1994 to expand the berm in anticipation of installing another fuel tank.	N/A	North of Iqaluit and 500m from residential area subdivision.
1st water source	Other	Crown	No past activities have been identified in this area. This lake lies on un-surveyed crown land within the Iqaluit municipal boundary.	N/A	west of the power plant and slightly south of the Road to Nowhere subdivision.
2nd water source	Other	Crown	same as 1st water source. This could be a potential 2nd choice for drawing water.	N/A	West of power plant and slightly north of Plateau Subdivision.

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigiyaungmata
Information is not available			

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq

South Baffin

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunavut Imaligiyyit Katimayit	May require a water license to draw water from a nearby natural water source. Nature of license is unknown at this time.	Not Yet Applied		

Project transportation types

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Transportation Type	Qaffiuyut	Qanuq Atuqtauniarmangaa	Length of Use
Land	0	Transport equipment through city to mobilize and demobilize. Crew will travel daily by pickup truck to plant site.	

Project accomodation types

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

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

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Excavator	1	Large	Civil work to gravel berm
Crane	1	20 meters	Hoisting steel into place
Water pump	1	15 m3/hr	Draw water for hydrostatic testing
Welding machine	2	2m3	Weld plate steel together

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Diesel	fuel	1	205	205	Liters	Run excavator, crane and pump

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayain imavaluin utiqittagani qanuq	Atulirumayain imavaluin utiqittagani humi
299	Pump a total of 5700 m3 direct from natural ponds using a gas powered water pump. Continuously monitored by qualified personnel.	There are two natural ponds near the power plant which may be used to retrieve water for hydrostatic testing. One is down gradient south of the road to nowhere subdivision and one north of the plateau

Iqqakuq

Ikkakunik Munakgiyayunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyauyuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikhan piyutin
Information is not available				

Avatiliriniqmut Ayurhautingit:

N/A

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

The project is located on an existing tank farm. The infrastructure consists of a 5.7 M litre steel tank within a lined gravel berm. The potential water sources are fed by annual snow melt and rain, are not significant in the surrounding watershed and are not connected to the watershed which feeds Lake Geraldine (city potable water source)

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

The potential water sources are not known to contain fish or any other substantial wildlife.

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

The existing tank farm holds the total fuel for the production of electricity for the city. The potential water sources do not substantially contribute to community social, sporting or recreational activities.

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

Possible spill risk will be mitigated by lined secondary containment berm. Contractor will have extensive spill response equipment on hand. Positive impacts include a better fuel handling capacity with fewer transfer operations. Potential water sources hold well beyond the volume required for testing purposes.

Tamatkiumayunik Ihuikgutivaktunik

Over time extended fuel storage will save money and time and eventually affect future power costs.

Impacts

Ilitariyauniq Avatiliriniqmut Ayurhautingit

Havakvinga																									
Other		-	-	-	-	N	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-
Fuel and chemical storage		-	P	N	-	-	-	-	-	N	-	-	-		-	-	-	N	-		P	-	-	-	-
Aulapkaininnga																									
Fuel and chemical storage		-	P	P	-	-	-	-	-	N	-	-	-		-	-	-	-	-		P	-	-	-	-
Piiqtauniq																									
-		-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-		-	-	-	-	-

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