



NIRB Uuktuttinga Ihivriuqhikhamut #125420

Arviat Fuel Capacity Increase

Uuktuttinga Qanurittuq: New

Havaap Qanurittunia: Ukhukyuattigut

Uuktuttinga Ubla: 11/9/2018 9:13:20 AM

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

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

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QANURITTUT

Tukihianaqtunik havaariyauyumayumik uqauhiuyun

Qablunaatitut: Government of Nunavut (GN) Department of Community and Government Services (CGS) through the Petroleum Product Division (PPD) provide bulk fuel storage and distribution of Gasoline and Diesel (ULSDL) petroleum products for the community of Arviat, NU. PPD has identified that the current bulk fuel storage facility at Arviat is in need of expansion and code upgrades. The optimal option of the bulk fuel storage expansion in Arviat is to propose a new tank farm east of Arviat (location shown on map). This option will satisfy ULSDL (diesel) and gasoline demand in 20 years for fuel capacity projection. Four vertical tanks would be constructed; three ULSD (20.8m Dia, 3333 m³ capacity) and one new gasoline (20.85 Dia, 3333 m³ capacity). The development of a new tank farm would require decommissioning the existing 920 m long resupply pipeline and Arviat Tank Farm Facility once the new resupply and tank farm facility is operational. A new dispenser and operator shelter building will be required with sloped roof design in accordance with NBC and PPD standards. Expected Operations Phase is 25 years.

Uiviitut: Le ministère des Services communautaires et gouvernementaux du gouvernement du Nunavut, par l'intermédiaire de sa Division des produits pétroliers (DPP), assure le stockage en vrac et la distribution de l'essence et du diésel à très faible teneur en soufre (DTFTS) pour la localité d'Arviat, au Nunavut. La DPP a déterminé que l'installation de stockage actuelle de cette localité doit être agrandie et mise aux normes. L'option privilégiée pour accroître l'espace de stockage est la construction d'un nouveau parc de stockage à l'est d'Arviat (emplacement montré sur la carte). Ceci permettra de satisfaire la demande d'essence et de DTFTS dans 20 ans, selon les prévisions relatives à la capacité. Le projet comprend la construction de quatre réservoirs verticaux : trois pour le DTFTS (diamètre de 20,8 m, capacité de 3 333 m³) et un pour l'essence (diamètre de 20,85 m, capacité de 3 333 m³). Une fois le nouveau parc et les nouvelles installations de réapprovisionnement en service, il faudra déclasser le pipeline de réapprovisionnement de 920 m de long et le parc de stockage actuels d'Arviat. Le projet comprend aussi la construction d'un bâtiment pour les opérateurs et la distribution des produits, dont le toit en pente devra être conforme au Code national du bâtiment et aux normes de la DPP. Le parc devrait demeurer en exploitation pendant 25 ans.

Инуктитут: **Инуктитут** (Inuit Tapiriit Kanatami) – это организация, созданная в 1972 году для защиты интересов инуитов Канады. Организация имеет штаб-квартиру в Торонто и представительства во всех провинциях Канады. Инуктитут является членом Ассоциации коренных народов Канады (ACORN).
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Personnel

Personnel on site: 30

Days on site: 20

Total Person days: 600

Operations Phase: from 2023-05-31 to 2025-10-30

Operations Phase: from 2025-10-30 to 2048-10-30

Post-Closure Phase: from to

Hulilukaarutit

Inigiyá	Hulilukaarut Qanurittuuq	Nunanngá Qanurittaakhaanik	Initurlingá qanuritpa	Initurlingá utuqqarnítat unaluumiit Ingilraaqnítát Uyarannguqtut akhuurninngá	Qanitqiayuq qanitqiamut nunallaat kitulluuniit ahiruqtailiyainnit nuna
Proposed New Tank Farm Site	Fuel and chemical storage	Commissioners	N/A	N/A	Within the Hamlet of Arviat boundary
Existing Tank Farm	Site Cleanup/Remediation	Municipal	Existing tank farm site.	N/A	Within the Hamlet of Arviat boundary

Nunaliin Ilauyun, Aviktuqhimayuniitunullu Ikayuuhiarunguyun

Nunauyuq	Atia	Timiuyuq	Upluani Uqaqatigyaungmata
Arviat	Steve England	Hamlet of Arviat	2018-09-17
Arviat	Roxi Illnik	Hamlet of Arviat	2018-09-17

Angiuttauvaktunik

Naunaiqlugu nunanga talvani havauhikhaq ittuq:

Kivalliq

Angiuttauvaktunik

Munariniqmut Ayuittiaqtuq	Angirutinga Qanurittuq	Tadja Qanurittaakhaanik	Ublua Tuniyauyuq/Uuktuqtuq	Umikvikhaa Ublua
Nunavut Imaligiyit Katimayit	Not yet applied.	Not Yet Applied		
Environment and Climate Change Canada	Not yet applied.	Not Yet Applied		
Tingmiliqiyiitkut Kaanatami	Not yet applied.	Not Yet Applied		
Nunavut Kavamanga, Avatiliriyikkut	Not yet applied.	Not Yet Applied		
Indigenous and Northern Affairs Canada	Not yet applied.	Not Yet Applied		
Iqalukhiurniqmut Tariuqmiu Kaanata	Not yet applied.	Not Yet Applied		

Project transportation types

Transportation Type	Qanuq Atuqtauniarmangaa	Length of Use
Water	Sealft materials for new tank farm and construction equipment.	
Land	Heavy equipment vehicles required for construction.	

Project accomodation types

Nunauyuq

Ihuaqutivaluin Atuqtauyukhan

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

Hanalrutit Qanurittuq	Qaffiuyut	Aktikkulaanga – Qanurittullu	Qanuq Atuqtauniarmangaa
Information is not available			

Qanurittuq Urhuqyuaq unalu Qayangnaqtut Hunavaluit Aturninnga

Qanurittuq urhuqyuaq hunavaluit aturninnga:	Urhuqyuaq Qanurittuq	Qaffiuyut qattaryut	Qattaryuk Aktikkulaanga	Atauttimut Qaffiuyut	Ilanga	Qanuq Atuqtauniarmangaa
Diesel	fuel	3	3333000	9999000	Liters	Will meet and exceed foretasted fuel storage requirements in 20 years.
Gasoline	fuel	1	3333000	3333000	Liters	Will meet and exceed foretasted duel storage requirements in 20 years.

Imaqmik Aturninnga

Ubluq qanuraaluk (m3)	Aturumayaing imavaluin utiqittagani qanuq	Atulirumayaing imavaluin utiqittagani humi
0		

Iqqakuq

Ikkakunik Munakgiyauyunik

Havauhikhaq Hulilukaarut	Qanurittuq Iqqakut	Ihumagiyaayuq Qanuraaluktut Atuqtait	Qanuq Iqqakuurniarmangaa	Halummaqtirarnirutikan piyutin
Information is not available				

Avatiliriniqmut Ayurhautingit:

The marshes in this area would need to be filled in to build the tank farm.

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

Qanurittuq Ittunik Avatinga: Inuuhimayunut Avatinga

Qanurittuq Ittunik Avatinga: Inungit-maniliurutingit Avatinga

Miscellaneous Project Information

Naunaiyainiq ukuninnga Ayurhautingit unalu Piumayaat Ikikliyuumiutinahuarutit

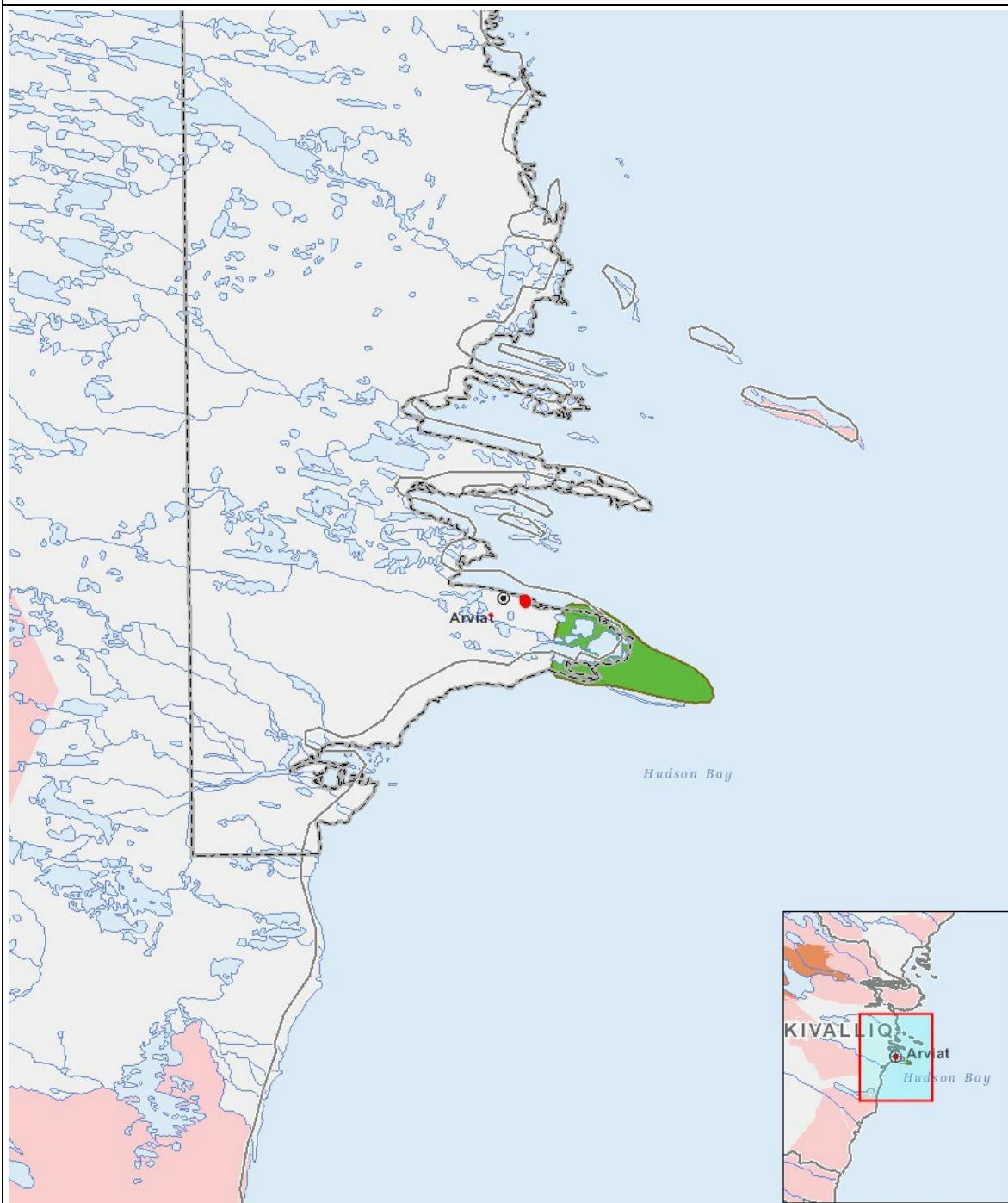
Tamatkiumayunik Ihuikgutivaktunik

Impacts

Iilitariyauniq Avatiliriniqmut Ayurhautingit

(P = Nakuuyuq, N = Nakuungittut unalu mikhilimaittuq, M = Nakuungittut unalu mikhittaqaqtuq, U = Naluyaayuq)

Havaariyauyukhamut Nayugaa



List of Project Geometries

- | | | |
|---|----------|-----------------------------------------------------------------------|
| 1 | polyline | Proposed New Tank Farm Site |
| 2 | polyline | Proposed New Tank Farm Site |
| 3 | polyline | Existing Tank Farm |
| 4 | polyline | Existing Tank Farm |
| 5 | point | Proposed New Tank Farm Site; Longitude -94.045230, Latitude 61.107772 |