

▷ᑭᓕ▷ᑎᓚ: 867-975-6449, ᓱᓐᓴᓄᓚᓚ:

$${}^{\epsilon}b_{\Delta}{}^c \dot{\bar{\jmath}} \bar{\sigma}^b \wedge c_{\Delta}{}^{\epsilon} b^{\epsilon} \sigma_{\Delta}{}^{\epsilon} \bar{L}^a \sigma^b$$

ᐱᕈᑦᓴᑦ: 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 ULSLD (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.

DΔΛΠC: 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 diesel 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.

[illegible]

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

$$\Lambda \subset \mathbb{N} \triangleleft \mathbb{N} \xrightarrow{\sigma} \mathbb{N} \xrightarrow{\sigma^b} \mathbb{N}^c$$
[illegible]

ಮೇರ್ದು ಡೆರ್ದುಬೆರ್ದುಶೇರ್ದು ಮೇರ್ದು ಡೆರ್ದುಬೆರ್ದುಶೇರ್ದು ಡೆರ್ದುಬೆರ್ದುಶೇರ್ದು ಡೆರ್ದುಬೆರ್ದುಶೇರ್ದು

ᑭᓇᓕᒋᓂ ᑦᑖ	ᐃᑏᑦ	ᑲᐅᔪᐅᐊᑦᑎᑏᒋᓂ ᑦᑖ	ᑦᑖᑲᓚᐅ ᐅᐊᑦᑎᑕᐅᓗᓕᐅᓚᐅᑦᒋᑦᑖ
ᐅᑦᐱᐅᑦ	Steve England	Hamlet of Arviat	2018-09-17
ᐅᑦᐱᐅᑦ	Roxi Illnik	Hamlet of Arviat	2018-09-17

ᄒᄆᅃᆫ ᄇᄊᅃᄂᆺ ᄈᅃᆫᄌᄎᄆᄀᄆᄀᄆᄀ

$a^b r^a r^b \wedge c^d r^d \Delta \sigma^a r^b \gamma^c \partial \partial \gamma^a r^c:$

Kivalliq

[illegible][illegible]

Project transportation types

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

Project accomodation types

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◀▷↳◀⁹⁶▷⁹⁶

Λ⁹d^c d^abΓ²Δ⁶ ΔD⁵C DσD⁴Δ⁵ Δc⁵bΓDΠ³Γ^c ΔjCΔ^c, Γ^c_→D Pñ^c, Ξ^bΞLCj⁵b, ωeΓD^c dΓ^abΓ^c_→

<p>ᐃᓄᒥᐱ ᐱᓴᑦ</p> <p>ᐃᑐᕊᐅᓂ ᐃᓄᑐᓄ</p> <p>ᓄᓇᐃᑦᑐᓂᓴ</p>	ᓄᑦᒥᐅᑦᑦ	ᐃᓄᒥᓂᓄᒥᑦ - > ᓄᑐᓂᓴᑦ	ᓯᓇᐱᑦ ᐃᑐᕊᐅᓂ ᐃᓄᑦ
Information is not available			

$\partial \partial \nabla \rho_{\mu} \omega^{\alpha} \partial^{\beta} \rho_{\nu} \omega^{\gamma} \partial^{\delta} \rho_{\sigma} \omega^{\epsilon}$

[illegible]

ΔL^{9b} ΔD^{9b} CD^{9b} ΔL^{9b} ΔD^{9b}

$\mathcal{D}^c \rightarrow \mathcal{C} \dot{\mathcal{L}}^{\mathfrak{b}} \rightarrow \mathcal{D}^{\mathfrak{b}} \mathcal{C} \mathcal{D}^{\mathfrak{b}} \mathcal{D}^{\mathfrak{b}} \mathcal{D}^{\mathfrak{b}}$	$\mathfrak{b} \rightarrow \mathfrak{b} \rightarrow \Delta \Gamma^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}} \sigma \mathcal{D}^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}}$	$\mathfrak{a} \mathcal{P}^{\mathfrak{b}} \rightarrow \Delta \Gamma^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}} \sigma \mathcal{D}^{\mathfrak{b}} \mathcal{C}^{\mathfrak{b}}$
0		

$\triangleleft^b C d^c$
$$\Delta^b C d_c \sim \sigma \Delta^q \sigma^q$$
[illegible]

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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 11: Municipal Development

[illegible]

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[illegible]

Miscellaneous Project Information

[illegible]

Cumulative Effects

Impacts

$\mathcal{L}(\mathcal{D}) = \mathcal{L}(\mathcal{D}^{\text{train}}) \cup \mathcal{L}(\mathcal{D}^{\text{test}})$

	PHYSICAL																BIOLOGICAL																SOCIO - ECONOMIC															
	Designated environmental areas																Vegetation																Archaeological and cultural historic sites															
	Ground stability																Wildlife, including habitat and migration patterns																Employment															
	Permafrost																Birds, including habitat and migration patterns																Community wellness															
	Hydrology / Limnology																Aquatic species, incl. habitat and migration/spawning																Community infrastructure															
	Water quality																Wildlife protected areas																Human health															
	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																																															

[illegible]

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

- | | | |
|---|----------|-----------------------------------------------------------------------|
| 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 |