



Cambridge Bay Material Extraction and Quarrying

New

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5/24/2017 12:06:13 PM

from 2017-05-24 to 2017-05-24

from 2017-05-24 to 2017-05-24

Glen Molloy

Nunavut Excavating 2007 Inc.

P.O.Box 1984

Iqaluit Nunavut X0A 0H0

Canada

ᐃᓴᑲᑦᑕᐅᐱᑦ: 867-975-3320, ᓴᑲᓴᑲᑦᑕᐅᐱᑦ: 867-975-3321

$\gamma_b \Delta^c \dot{\bar{N}}_{\sigma^b} \wedge c_n d^{\gamma_b} \sigma d_n d^{\alpha_L} \sigma^b$

ᐃᐃᐱᐅᐅᐅ: Nunavut Excavating 2007 Inc, have been in operation in Nunavut Since 2007, and currently managing 2 borrow areas out of the communities of Iqaluit and Rankin Inlet. Nunavut Excavation 2007 Inc. is planning to establish own quarry near the community of Cambridge Bay for the purpose of extracting an approximate quantity of 1200 cu.m annually. The proposed quarry is adjacent to the gravel pit being used by the Hamlet of Cambridge Bay. The proposed location have been disturbed and used previously for quarrying activities. Extracted materials will be used in the Community of Cambridge Bay to build house pads, parking areas, and access roads.

ᐃᓂᑦᑎᑕ: Nunavut Excavating 2007 Inc Pualriqtuiyit, havakhimaliqtu Nunavunmi atulihaaqtiillugu 2007, tadjalu aulapkaihimayut malrungnik pualriqturvianni hilataani Iqaluit Kangirlinirmilu. Nunavut Excavating 2007 Inc. Pualriqtuiyit parnaiyaqpalliyat uyaraktarvigiumayaanni hilataani Iqaluktuuttiap immaqaak 1200 cu.m –nik ukiuq atauhirni piyumaniaqtu. Una uyaraktarviuyumayuq ilanganiittuq uyaraktarviuvaktumi Hamalatkuat Iqaluktuuttiarmi. Tahamna uvaraktarviuyumavuq atuqatuhimayunniatuq uvaraktarviuhimavakhuni.

Pualriqhuqtauhimaniit atuqtauvangniaqtut Nunallaani Iqaluktuuttiap, akhaluutiqarviuyullu, apqutiqarviuyunilu.

Inuinnaqtun: Nunavut Excavating 2007 Inc Pualriqtuiyit, havakhimaliqutut Nunavunmi atulihaaqtillugu 2007, tadjalu aulapkaihimayut malrunnik pualriqturvianni hilataani Iqaluit Kangirlinirmilu. Nunavut Excavating 2007 Inc. Pualriqtuiyit parnaiyaqpalliyut uyaraktarvigiyumayaanni hilataani Iqaluktuuttiap immaqaak 1200 cu.m –nik ukiuq atauhirmi piyumaniaqtut. Una uyaraktarviuyumayuq ilanganiittuq uyaraktarviuvaktumi Hamalatkuat Iqaluktuuttiarmi. Tahamna uyaraktarviuyumayuq atuqtauhimayuunniatuq uyaraktarviuhimavakhuni. Pualriqhuqtauhimaniit atuqtauvangniaqtut Nunallaani Iqaluktuuttiap, akhaluutiqarviuyullu, apqutiqarviuyunilu.

Personnel

Personnel on site: 3

Days on site: 20

Total Person days: 60

Period of operation: from 2017-05-24 to 2017-05-24

Proposed term of operation: from 2017-05-24 to 2017-05-24

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9km West of Cambridge Bay Community	Quarry/Borrow pit	Municipal	The site has been used and still being used as a gravel pit for the use of the Hamlet of Cambridge Bay and others.	The site has been utilized for more than 20 years for gravel production, and does not have no archaeological / paleontological value.	The site is about 9km west of Cambridge Bay Community

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Information is not available			

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Information is not available				

43LDσ 4^{9b} 5^{9b}

Λ⁹δ^c δ⁹Γ²ξ^b δ⁹ξ^bCDσD⁴Λ⁹ξ^b Δ^cξ^bΓDΠ³Γ^c ΔjCΔ^c, Γ^c→δPΔ^c, ξ^bξ^bLCj^b, ω_{eff}D^c δΓ⁹Γ^c→

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Excavator	1	3.92m x 2.7m x 2.95m	Extract Granular Materials
Dump Truck	1	6.15m x 3.81m x 2.72m	Moving Granular Materials

በበፍጥረቱ ምሥራቅ አገር ለፍጥነት ምሥራቅ አገር

[illegible]

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

$\mathcal{D}^c \rightarrow \mathcal{C} \mathcal{L}^{s_b} \mathcal{A} \mathcal{D}^{s_b} \mathcal{C} \mathcal{D} \sigma \mathcal{A}^{s_b} \mathcal{D}^{s_b}$	$s_b \omega^{s_b} \Delta \Gamma^{s_b} \mathcal{C}^{s_b} \mathcal{C}^{s_b} \sigma \mathcal{A}^{s_b} \mathcal{C}^c$	$\omega \mathcal{P}^c \Delta \Gamma^{s_b} \mathcal{C}^{s_b} \mathcal{C}^{s_b} \sigma \mathcal{A}^{s_b} \mathcal{C}^c$
0		

 $\triangleleft^b C d^c$
$$\Delta^b C d_c n_\sigma \Delta^s \sigma^s$$

ለሩሲያክላይት፣ ለሩሲያክላይት፣	ፍጹም፣ ልዩ፣	ፍጹም፣ ልዩ፣ ላይዋል፣ ላይዋል፣	ፍጹም፣ ልዩ፣ፍጹም፣	ላይዋል፣ ላይዋል፣ፍጹም፣
Quarry/Borrow pit	ፍጹም፣ ልዩ፣ፍጹም፣ ፍጹም፣ ልዩ፣ፍጹም፣፣ ፍጹም፣ ልዩ፣ፍጹም፣	10	Re-use to cover exposed tendra	Top soil if need to be removed will be saved and reused to cover exposed soil.

$\Delta \rho_{\Gamma D C}^{c^{\dagger} c}$ $\Delta b_{D C}^{q_b} \rho_{L R}^c$

No environmental impact is anticipated, as granulars will be extracted and hauled to the construction sites in the Community of Cambridge Bay. No water or special process is scheduled on site.

[illegible]

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None of the Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities apply to the Project Proposal.

Δ⁹Τ⁹Σ⁴Π⁶Σ⁹

Nunavut Excavating will use the existing access road connecting the quarry site to Cambridge Bay, see attached site plan.

 $\Delta^{\epsilon} \Delta^{\delta}$

No camp site will be established for this proposed project. Nunavut Excavating personnel will travel daily to from Cambridge Bay to the site and back.

$\Delta^{\alpha}\Gamma\Delta^{\beta}$ $\Lambda^{\gamma}D^{\epsilon}$ $\Delta\Gamma\Delta\sigma\Delta^{\delta}\Delta^{\eta}$

The following equipment will be used in the project site: 1- 2014 CAT 336EL Excavator, 2- 2000 Western Star Dump Truck.

 ΔL^{96}

Water will not be use for granular production.

ΔLΔ^c ΔD^{9b}CD⁵Δ^{9b}PL^{4c}, 9d^{9b}CD^c, ΔP^{9b}L

No waste water will be generated as a result of the quarrying activities.

▷ 9b 9b 9c

Type of Fuel and Quantity * An estimated 600 liters/day of Diesel fuel will be used to run the equipment. * Fuel will be delivered to the site using an approved fuel truck, and operated by a competent operator. * Fuel will be delivered from the fuel truck directly into the equipment.

Fuel Transfer and Re-fueling Procedure * All dispensing or transferring of fuel will be attended for the duration of the operation. The attendant must be aware of proper fuel handling procedures to minimize the risk of a spill and shall continuously scan the area adjacent to the fueling operation for possible leaks or spills. * The transferring and dispensing of fuel will be done with pumping equipment, an approved hose, and top-fill nozzle. * A site-appropriate spill containment kit will readily available. * When unreeling the fuel transfer hose and nozzle, the nozzle must be in the upright position. The nozzle shall be kept clear of the ground when returned to the reel or storage position. * Verify that there is a proper connection between the fuel fill hose and the fill pipe of the equipment being filled. Verify that the fill valve is open. * The transfer of fuel must be stopped prior to overflowing, leaving room for expansion. Fuel tanks on vehicles and equipment are not to be overfilled. * The operation of moving equipment in the immediate area of a fueling operation shall be suspended. * Welding operations within 3 meters must be stopped while fueling is in progress. * Maintain regular inspections of fuel systems and their components. Check for leakage, deterioration, or damage.

Fuel Spill Control Measures Preventative measures are the best means of avoiding an accidental release of petroleum products. However, in the event of an accidental release, the following will occur: Appropriate spill response equipment will be available for all phases of the project area. See spill contingency plan for a list of such equipment. Cleanup action will follow the spill contingency plan. See spill contingency plan. All spills or suspected spills of petroleum products, on land or into the water, regardless of size, will be reported immediately to the Supervisor. The Supervisor will report the spill immediately to the Project Manager, or his delegate, who shall ensure notification of the appropriate authorities.

4^cC₆^{9b}2^{9b}C₂^c Δ_cD^{9b}2^{9b}2^cL₂^c3

No Chemicals or Hazardous Materials will be stored on site.

[illegible]

Nunavut Excavating is an Inuit Owned Contractor, Established in 2007 in Iqaluit, Nunavut. NE has a remarkable track record in Inuit training and employment successes. This project will enable NE to hire more local Inuit employees for both granular production and for housing development in the Community of Cambridge Bay. Work will be scheduled during the summer construction season. 3 employees will be needed on the quarry site and more than 10 employees will be working for the housing development in the Community.

Δ_ᄡΔ^c Δ_ᄢΠCΠσ^aᄢ^c/Δ_ᄡΔ^c ᄢᄢᄢLᄢ^aᄢ^c

Nunavut Excavating will use an established quarry site. It has been used for years to extract granular materials. Nunavut Excavating is building on past local experience with this quarry site.

$$\Delta_{\mathbb{C}^n} \subset \mathbb{C}; \Delta \cap \mathbb{C}^n \subset \Delta \subset \mathbb{C}^n$$

Project Description * Nunavut Excavating 2007 Inc. (NE), has been in operations since 2007 in Nunavut, and is currently managing borrow areas in Iqaluit, and Rankin Inlet with no incident and have spill programs as well as other preventative and safety plans in place. * Nunavut Excavating is planning to establish own gravel quarry area adjasant to the existing borrow area in Cambridge Bay. * This existing Cambridge Bay gravel pit has

[illegible]

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[illegible]

உதா. $\Delta^{\text{b}} \text{CD} \sigma^{\text{a}} \text{r}^{\text{c}}$ $\text{d}^{\text{b}} \text{r}^{\text{b}} \text{CD} \text{r}^{\text{c}} \text{r}^{\text{c}}$ $\text{b}^{\text{b}} \Delta^{\text{c}} \sigma^{\text{a}} \text{r}^{\text{c}}$ $\text{c} \text{d} \text{r}^{\text{b}} \text{r}^{\text{b}} \text{CD} \sigma^{\text{a}} \sigma^{\text{a}} \text{r}^{\text{c}}$

See impact table

Impacts

[illegible][illegible]

Project Map

