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December 18, 2018

GNWT - Department of Infrastructure  
P.O. Box 1320  
Yellowknife, NT X1A 2P9

**Attention: Terry Brookes**

**File Number** MV2017X0019  
**Type of Operation** HWY MAINTENANCE & OPERATIONS  
**Location** NWT Highway No. 1, Km 242.6, Km 241.and Km 204.9

Dear Mr. Brookes,

An inspection of the above noted operation was conducted on December 07, 2018 by Resource Management Officers Jayda Robillard and Norm McCowan.

Enclosed is a copy of the Environmental Inspection Report. During the inspection the Inspectors were advised that a undetonated blasting cap remains buried on the east side of the Km 242.6 quarry. As the Permit Holder, it is the responsibility of the Department of Infrastructure to ensure that this blast cap is identified and appropriately handled to ensure the safety of any contractors that may work in this pit now and in the future as well as the safety of the general public. **No further quarrying will be allowed in the pit until the Department of Infrastructure can provide written confirmation to the Inspectors that the undetonated blast cap has been appropriately dealt with and no longer poses a safety concern.** Your attention to this matter is appreciated.

If you have any questions, please contact me at 867 874-6994.

Sincerely,

Jayda Robillard  
Resource Management Officer II  
Department of Lands  
South Slave Region

CC: Mackenzie Valley Land and Water Board  
Derise Rehm-Lepine, Regional Superintendent South Slave – GNWT Dept of Lands  
Charlene Coe, Land Use Advisor North Slave – GNWT Dept of Lands



## ENVIRONMENTAL INSPECTION REPORT

<b>Permittee:</b>	GNWT - Department of Infrastructure	<b>Permit Expiry Date:</b>	May 14, 2022
<b>Land Use Permit No.</b>	MV2017X0019	<b>Previous Inspection:</b>	October 01, 2018
<b>Quarrying Permit No.</b>	16/08, 17/22,17/23,17/31,18/02, 18/12,18/13,18/15,	<b>Inspection Date:</b>	December 07, 2018
<b>Contractor:</b>	Carmax Enterprises Ltd	<b>Subcontractor:</b>	RBee Aggregate Consulting Ltd
<b>Location(s) Inspected:</b>	NWT Highway No. 1, Km 242.6, Km 241.and Km 204.9		
<b>Current Stage of Operation:</b>	Crushing operation has been completed. Crews have demobed equipment in preparation for its removal.		
<b>Program Modifications Approved:</b>			

**Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected**

Operating Condition	Aspect Inspected				
	Km 242.6	Km 241 Camp	Km 204.9		
Location as Permitted	A	A	A		
Time as Permitted	A	A	A		
Equipment as Approved (Type & Size)	A	A	A		
Methods & Techniques	A	A	A		
Facilities	A	A	A		
Erosion (Control or Prevention)	A	A	A		
Chemicals	A	A	A		
Wildlife and Fisheries Habitat (Protection)	A	A	A		
Wastes	A	A	A		
Historical / Archaeological Sites	A	A	A		
Fuel Storage	A	A	A		
Brush Disposal	A	A	A		
Restoration of Lands	A	A	A		
Permits	A	A	A		
Matters not Inconsistent	A	A	A		

Explanatory Remarks -

**Km 242.6:**

Inspectors met with Glenn from RBee Agreegate Consulting at the Km 242.6 quarry. Crushing operation was complete on Wednesday and the contractor was preparing equipment for removal from site. A rock berm has been placed away from the pit walls to prevent the public from getting close to the rock walls. The Inspectors requested that the rock walls be scaled to knock down any loose rock as a measure of public safety.

During the inspection it was noted that there is overhanging rock on the east wall of the pit. The contractors explained that there is a undetonated blasting cap in the vicinity of the overhang so they kept equipment out of this area for safety reasons. Carmax Enterprises,



## ENVIRONMENTAL INSPECTION REPORT

the main contractor on the project, is aware of the undetonated blast cap. As the Permit Holder, it is the responsibility of the Department of Infrastructure to ensure that this blast cap is identified and appropriately handled to ensure the safety of any contractors that may work in this pit now and in the future as well as the safety of the general public. No further quarrying will be allowed in the pit until the Department of Infrastructure can provide written confirmation to the Inspectors that the undetonated blast cap has been appropriately dealt with and no longer poses a safety concern.

Removal of the equipment from the quarry site is expected to start on Saturday Dec 8th. The quarry site appeared to be clean and organized at the time of inspection.

Stockpiles of granular material on site are as follows:

- 108,000m<sup>3</sup> - 50mm (Carmax)
- 9250m<sup>3</sup> - 50mm (DOI)
- 12,000m<sup>3</sup> - Airport Chips
- 5000m<sup>3</sup> - Chips (Carmax)
- 35, 200m<sup>3</sup> - 20mm (Carmax)
- 5000m<sup>3</sup> - 20mm (Hwy Maintenance)
- 2 stockpiles of reject material (58% Silt)

The Inspector recommends that signage be placed in front or on the stockpiles to identify material type.

**Km 241 Camp:**

Some of the campers (RVs) have been removed from the clearing. At the time of inspection, crews were preparing to remove the remaining campers and were cleaning up around the site. There was a small amount of household garbage around the site at the time of inspection which should be cleaned up once the campers and equipment has been removed (Condition 18).

**Km 204.9:**

The site has been stripped, overburden has been windrowed on the west side of the clearing one CAT blade width from the standing timber. Piles of salvaged timber remain on the north side of the clearing.

An excavator was parked in the pit awaiting repairs to the track.

\_\_\_\_\_  
Representative Signature

  
\_\_\_\_\_  
Inspector's Signature

Date:	December 07, 2018	Permit #:	MV2017X0019	Page No:	2
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### ENVIRONMENTAL INSPECTION REPORT

Inspection Images:

**Figure 1**

**Km 242.6 - 108,000m3 stockpile of processed granular material**



**Figure 2**

**Km 242.6 - Conveyors from crushing operation prepared for removal from site.**



**Figure 3**

**Km 242.6 - East side of the quarry where undetonated blasting cap is located.**



**Figure 4**

**Km 242.6 - Scaling work is required along pit walls to remove loose rock.**



**Figure 5**

**Km 242.6 - Reject material piled near the entrance to the quarry.**



**Figure 6**

**Km 242.6 - Entrance to the stockpile area and quarry site.**





### ENVIRONMENTAL INSPECTION REPORT

**Figure 7**  
Km 241 - Campers are getting ready to be removed.



**Figure 8**  
Km 241 - Campers are getting ready to be removed.



**Figure 9**  
Km 241 - A few campers have been removed from site.



**Figure 10**  
Km 241 - A small amount of garbage must be cleaned up after the campers and equipment are removed.



**Figure 11**  
Km 204.9 - Salvaged timber has been piled at the north end of the clearing.



**Figure 12**  
Km 204.9 - Windrowed overburden on the west side of the clearing.





## ENVIRONMENTAL INSPECTION REPORT

**Figure 13**

**Km 204.9 - One CAT blade width between the windrowed overburden and the standing timber.**

