



Telephone: 867-872-2558 ext. 24

Fax: 867-872-3472

October 29, 2018

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

**Attention: Terry Brookes**

<b>File Number</b>	<b>MV2017X0018</b>
<b>Type of Operation</b>	<b>HWY MAINTENANCE &amp; OPERATIONS</b>
<b>Location</b>	<b>Hwy 5 Km 232</b>

Dear Mr. Brookes,

An inspection of the above noted operation was conducted on September 24, 2018 by Manager, Resource Management Mike Vassal and Manager, Resource Management Rob Walker.

Enclosed is a copy of the Environmental Inspection Report. Please refer to the unacceptable and noted conditions in the general comments section of this report. Your attention to this matter is appreciated.

If you have any questions, please contact me at 867-872-2558 ext. 24.

Sincerely,

Mike Vassal  
Manager, Resource Management  
Department of Lands  
South Slave Region

CC: Mackenzie Valley Land and Water Board  
Charlene Coe, Land Use Advisor  
Derise Rehm-Lepine, Superintendent, South Slave Region





## ENVIRONMENTAL INSPECTION REPORT

<b>Permittee:</b>	GNWT - Department of Infrastructure	<b>Permit Expiry Date:</b>	May 14, 2022
<b>Land Use Permit No.</b>	MV2017X0018	<b>Previous Inspection:</b>	October 01, 2018
<b>Quarrying Permit No.</b>	18/0014	<b>Inspection Date:</b>	September 24, 2018
<b>Contractor:</b>	Carter Industries	<b>Subcontractor:</b>	
<b>Location(s) Inspected:</b>	Hwy 5 Km 232		
<b>Current Stage of Operation:</b>	Active crushing and separating of blast material		
<b>Program Modifications Approved:</b>			

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

Operating Condition	Aspect Inspected		
	<b>Km 232, Hwy 5</b>		
Location as Permitted	A		
Time as Permitted	A		
Equipment as Approved (Type & Size)	A		
Methods & Techniques	A		
Facilities	A		
Erosion (Control or Prevention)	A		
Chemicals	A		
Wildlife and Fisheries Habitat (Protection)	A		
Wastes	A		
Historical / Archaeological Sites	A		
Fuel Storage	U	75, 76	
Brush Disposal	U	79	
Restoration of Lands	A		

**Explanatory Remarks -**

**Km 232, Hwy 5:**

Blasting at the Department of Infrastructure quarry at Km 232 on Highway 5 occurred on August 8, 2018. The inspector was notified about the blasting and observed the blast (See Figures 1 to 3). No concerns were noted at the time of the blasting.

This site was inspected on September 24, 2018. Active crushing and separating of the blast material was occurring.

The inspectors met with the site foreman, Brad and discussed the operation. A leak was observed in the crusher (Figure 7 and 8). Brad said that it would be fixed immediately. Some of the machinery did have drip trays, but their use was inconsistent.

The inspectors observed a leak in the light generator that was in the camping area (Figure 11 and 12). This leak did not get reported to the foreman. Drip trays should be used under all equipment that is parked for more than 2 hours, as per Land Use Permit (LUP) condition #75.

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Leaks and spills need to be cleaned up, as per LUP condition #76. The jerry cans under the trailer should have secondary containment (Figure 10).

There is a pile of downed trees on this site (Figure 9). Trees with a diameter greater than 13 cm(5") in diameter should be salvaged and made available for use, as per LUP condition #79. These trees are likely not salvageable. They can be burned or spread out and knocked down by heavy equipment when conditions permit.

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

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



# ENVIRONMENTAL INSPECTION REPORT

Inspection Images:

**Figure 1**

**Km 232 SE corner set-up for blasting August 8, 2018**



**Figure 2**

**View of site immediately after blasting August 8, 2018**



**Figure 3**

**Closer view of material created after blasting August 8, 2018**



**Figure 4**

**September 24, 2018 View of site looking east towards blast area**



**Figure 5**

**September 24, 2018 Blast pit**



**Figure 6**

**Sept 24, 2018 Crushing and separating of material**





## ENVIRONMENTAL INSPECTION REPORT

**Figure 7**  
**Crusher**



**Figure 8**  
**Leak under crusher**



**Figure 9**  
**Cleared wood**



**Figure 10**  
**Jerry cans under trailer**



**Figure 11**  
**Light generator**



**Figure 12**  
**Leak under generator**

