



Telephone: 867 874-6994

Fax: 867 874-2460

July 05, 2018

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

**Attention: Terry Brookes**

**File Number** MV2017X0018  
**Type of Operation** HWY MAINTENANCE & OPERATIONS  
**Location** Buffalo River Bridge, NWT Highway No. 5

Dear Mr. Brookes,

An inspection of the above noted operation was conducted on June 22 and 25, 2018 by Resource Management Officers Norm McCowan and Jayda Robillard.

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 867 874-6994.

Sincerely,

**Original Signed**

Norm McCowan  
Resource Management Officer III  
Department of Lands  
South Slave Region

CC: MVLWB  
Regional Superintendent, Dept of Lands, South Slave Region  
Land Use Advisor, Dept of Lands, North 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>	May 11, 2018
<b>Quarrying Permit No.</b>	15/0021, 18/0014	<b>Inspection Date:</b>	June 25, 2018
<b>Contractor:</b>		<b>Subcontractor:</b>	
<b>Location(s) Inspected:</b>	Buffalo River Bridge, NWT Highway No. 5		
<b>Current Stage of Operation:</b>	No activity at time of inspection. Work on the Buffalo River Bridge has been completed.		
<b>Program Modifications Approved:</b>			

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

Operating Condition	Aspect Inspected				
	Buffalo River				
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	U				
Historical / Archaeological Sites	A				
Fuel Storage	U (76)				
Brush Disposal	A				
Restoration of Lands	A				
Permits	A				
Matters not Inconsistent	A				

**Explanatory Remarks -**

An inspection was conducted of the Buffalo River Bridge site near Km 55, NWT Highway No. 5 by Resource Management Officers Norman McCowan and Jayda Robillard on June 22 and 25, 2018. The inspection was conducted to ensure compliance with the terms and conditions annexed to Land Use Permit MV2017X0018.

The bridge work at Buffalo River has been completed and all office and storage trailers as well as equipment has been removed from the site. The cleanup of hydrocarbon spills throughout the project area has not been completed to date.

The Inspector met with Peter Praetzel (Project Manager, Structures Section, DOI) on June 22, 2018 at the bridge site. The Inspector discussed the requirement for cleanup of all hydrocarbon spills that were observed within the project area; both on the northwest and northeast side of the bridge.

During the inspection on June 25, 2018, the Inspectors made the following observations which require your attention:

**Site #1 - Northwest side of the Bridge:**

Several hydrocarbon stains were observed near the cement plant site and truck staging area on the northwest side of the Buffalo River Bridge. The spills on the west side as seen in Figure 1 were cleaned up satisfactorily on the weekend of June 23-24, 2018 as confirmed during the June 25, 2018

Date:	June 25, 2018	Permit #:	MV2017X0018	Page No:	1
-------	---------------	-----------	-------------	----------	---



## ENVIRONMENTAL INSPECTION REPORT

inspection. Cleanup of the spills is seen in Figure 7.

However additional spills located on the east side of Site #1 where the cement trucks were parked had not been cleaned up in accordance with Permit Condition #76 which states *“The Permittee shall clean up all leaks, spills and contaminated material”*.

The perimeter of all hydrocarbon spills on the east side of Site #1 were spray painted on the later inspection date to assist the Permittee in locating the spills requiring clean-up (Figures 8-9).

**Site #2 - Northeast side of the Bridge:**

The northeast side of the bridge was used for vehicle and equipment parking, office trailers and storage during the bridge project. Numerous spills were located throughout this project area. A loader parked on June 22, 2018 was leaking hydraulic oil as seen in Figures 3-4.

The perimeter of all hydrocarbon spills at Site #2 were spray painted on the later inspection date to assist the Permittee in locating the spills requiring clean-up (Figures 10-14).

- The Permittee is required to clean-up all hydrocarbon spills and haul the contaminated material to an authorized disposal site in accordance with Permit Condition #76.

Silt fencing installed for sedimentation control next to the Buffalo River at the commencement of the bridge project has not been removed. This was discussed with Peter Praetzel who stated that the silt fencing would be left in for another season. The silt fencing has been reinforced and the Inspectors have no objection to the fencing being left.

The Permittee has done a good job completing all other clean-up and restoration of the project area and had no additional environmental concerns during the inspection.

Original Signed by Norm McCowan

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

\_\_\_\_\_  
Inspector’s Signature

Date:	June 25, 2018	Permit #:	MV2017X0018	Page No:	2
-------	---------------	-----------	-------------	----------	---





# ENVIRONMENTAL INSPECTION REPORT

Inspection Images:

**Figure 1**

06/22/18 – Hydrocarbon spills at Site #1.



**Figure 2**

06/22/18 – Hydrocarbon spills at Site #1.



**Figure 3**

06/22/18 – Contractors loader leaking hydraulic oil at Site #2.



**Figure 4**

06/22/18 – Contractors loader leaking hydraulic oil at Site #2.



**Figure 5**

Silt fencing located on the east side of the Buffalo River.



**Figure 6**

Silt fencing has been reinforced and will be left in for another season.







### ENVIRONMENTAL INSPECTION REPORT

**Figure 7**

Clean-up of the hydrocarbon spill at Site #1 appeared satisfactory.



**Figure 8**

The perimeter of additional hydrocarbon spills at Site #1 were spray painted to assist the Permittee in locating the spills requiring clean-up.



**Figure 9**

Hydrocarbon spills at Site #1 requiring clean-up.



**Figure 10**

The perimeter of hydrocarbon spills at Site #2 were spray painted to assist the Permittee in locating the spills requiring clean-up.



**Figure 11**

Hydrocarbon spills at Site #2 requiring clean-up.



**Figure 12**

Hydrocarbon spills at Site #2 requiring clean-up.







## ENVIRONMENTAL INSPECTION REPORT

**Figure 13**

Hydrocarbon spills at Site #2 requiring clean-up.



**Figure 14**

Hydrocarbon spills at Site #2 requiring clean-up.

