



October 18, 2024

Government of Northwest Territories
Department of Transportation
PO Box 1320
YELLOWKNIFE, NT X1A 2L9

Attention: Mr. Terry Brookes

**Re: Land Use Permit W2016E0004 and W2021E0007
Road Construction (TASR) and Whati Access Road
Tlicho All Season Road (TASR) Alignment from ~Km 196, Highway #3 to Whati, NT**

Dear Mr. Brookes,

An inspection of the Km 19.5 Shop Complex and the Whati Access Road Rehabilitation Project was conducted by Inspector Clint Ambrose on October 16th, 2024. The inspection was carried out to ensure operating conditions annexed to the above noted land use permits are being adhered to during these land use operations. All findings of the inspection for the Km 19.5 Shop Complex were discussed with Mr. Frankie Nitsiza (Contractor – NSI).

The Km 19.5 Shop Complex continues to be well managed, and the only concern noted for the rehabilitation project was failure for the Permittee to notify an Inspector at least ten (10) days prior to completion of land use operations. This is unacceptable and future non-compliance with an operating condition of a land use permit will not be tolerated. Your copy of the Environmental Inspection Report is enclosed and should be self-explanatory.

If you have any questions or concerns, please contact the undersigned at (867) 767-9188 or Ms. Karine Gignac at (867) 767-9187 ext. 24189.

Sincerely,

Clint Ambrose
Manager, Resource Management (Inspector)
North Slave Regional Office
GNWT – ECC

cc: WLWB
GNWT-DOI – via email
Rowe's Construction – via email
Northstar Infrastructure GP – via email





ENVIRONMENTAL INSPECTION REPORT

Permittee:	Government of Northwest Territories – DOI	Inspection Date – October 16 th , 2024
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	W2016E0004	May 29 th , 2026	July 31 st , 2024
Land Use Permit No.	W2021E0007	August 1 st , 2026	July 31 st , 2024
Quarry Permit No(s).	Q2023-01(Pit 105) QU2019-02 (Pit 116)	June 12 th , 2026 December 31 st , 2025	July 5 th , 2022 N/A
Contractor:	North Star Infrastructure GP (NSI) Rowe’s Construction	Subcontractor:	Formula Henry Drilling

Location(s) Inspected:	The Km 19.5 Shop Complex and completed land use operations along the twelve (12) kilometre section of the Whati Access Road.
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Current Stage of Operation:	Upgrades to the Km 19.5 Shop Complex are underway (W2016E0004) and the Contractor for the Whati Access Road Rehabilitation Project has demobilized from the land use area (W2021E0007).
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Program Modifications Approved:	
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Condition of Operation “A” - Acceptable “U” - Unacceptable “N/A” - Not Applicable

#	Operating Condition	Aspect Inspected			Condition
		W16E004	W21E007		
A	Location and Area	A	A		
B	Time	A	U		#10 Reports Before Final Removal
C	Type and Size of Equipment	A	A		
D	Methods and Techniques	A	A		
E	Type, Location, Capacity and Operation of All Facilities	A	A		
F	Control or Prevention of Ponding of Water, Flooding, Erosion, Slides and Subsidence of Land	A	A		
G	Use, Storage, Handling and Ultimate Disposal of Any Chemical or Toxic Material	A	A		
H	Wildlife and Fisheries Habitat	A	A		
I	Storage, Handling and Disposal of Refuse or Sewage	A	A		
J	Protection of Historical, Archeological and Burial Sites	A	A		
K	Objects and Places of Recreational, Scenic or Ecological Value	N/A	N/A		
L	Security Deposit	N/A	N/A		
M	Fuel Storage	A	A		
N	Methods and Techniques for Debris and Brush Disposal	A	A		
O	Restoration of the Lands	A	A		
P	Display of Permits and Permit Numbers	A	A		
Q	Matters Not Inconsistent With the Regulations	A	A		
R	Sections 8 to 16 M.V.L.U.R.	A	A		



ENVIRONMENTAL INSPECTION REPORT Pg. 2

Date: October 16th, 2024

Permit #: W2016E0004 / W2021E0007

Explanatory Remarks

An inspection of the Km 19.5 Shop Complex and Whati Access Road Rehabilitation Project was conducted by Inspector Clint Ambrose on October 16th, 2024. The inspection was carried out to ensure operating conditions annexed to the above noted land use permits are being adhered to during these land use operations. All findings of the inspection for the Km 19.5 Shop Complex were discussed with Mr. Frankie Nitsiza (Contractor – NSI).

Km 19.5 Shop Complex – Land Use Permit: W2016E0004

As noted in the Environmental Inspection Report dated August 1st, 2024, a minor amount of hydrocarbon impacted soils remained in the excavation below the previous location of the Transtainer (Figure 1). Additional material had to be removed to meet the applicable guidelines and once complete, a report submitted demonstrating no further environmental concerns remained.

On August 23rd, 2024 Mr. Dave Green of North Star Infrastructure (Contractor) provided the undersigned Inspector KBL Environmental Ltd.'s August 22nd, 2024 report, *Soil Assessment Highway 9 Roads facility*. Through lab analysis of the soil removed during the August 15th, 2024 excavation, it was confirmed by the Consultant that Tier 1 levels for petroleum hydrocarbons for coarse-grained surface soils (Residential) were met and no further soil removal was required.

Backfilling commenced shortly after receiving results from the Consultant and authorization from the Inspector. The cooperation of the Contractor (NSI) to address the concerns at the Transtainer is appreciated and it is anticipated that diligent fuel storage & handling will continue to minimize the potential for a future occurrence.

Other findings noted or discussed during the inspection were as follows;

- A drip tray & spill kit were observed on the west side of the Transtainer (Figure 2) and no obvious hydrocarbon spills/stains were observed on the ground surface.
- The laydown east of the shop appeared organized with no obvious waste items present.
- All parked equipment & vehicles had drip trays present (Figure 3).
- The Inspector was informed by Mr. Devon Stephenson (NSI) that the eighteen (18) office connex units will be decommissioned and demobilized from the land use area at the very earliest opportunity (Figure 4).
- Other infrastructure to be demobilized is the generator connex and the wash cart once the two new ATCO trailers viewed in Figure 5 are operational.

Please provide the undersigned Inspector notification once the ATCO trailers and new propane generators are operational, and when known, the proposed schedule for the removal of the existing infrastructure discussed above.

Overall, the Inspector was very pleased with the current management of the Km 19.5 Shop Complex and this cooperation of the Permittee and NSI is appreciated.

Whati Access Road Rehabilitation Project – Land Use Permit: W2021E0007

Unfortunately, prior to the completion of the rehabilitation project, notification to the Inspector by the Permittee did not occur as required by Condition #10 of the land use permit. Failure to comply with an operating condition annexed to a land use permit is unacceptable and is an offence under Section 92(1) of the *Mackenzie Valley Resource Management Act S.C. 1998, c. 25*. Further enforcement action will not be initiated at this time, but future non-compliance by the Permittee will not be tolerated by the Inspector.

At the time of the inspection, all equipment had been demobilized from the land use area and restoration along the access road was complete. As part of this land use operation, a bridge (Figure 6) was installed at Km 0+540 of the Whati Access Road and no immediate concerns were observed. The final task required for environmental protection of a watercourse was the placement of rip rap on the slopes of the bridge abutments (Figure 7 & 8). Sourced rock appeared to have minimal fines with the exception of the one area viewed to the left of Figure 8.



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Date: October 16th, 2024

Permit #: W2016E0004 / W2021E0007

Explanatory Remarks

The Permittee must ensure this area is diligently monitored during high precipitation events and at spring freshet, and if any erosion or sedimentation concerns are observed, or may occur, the Inspector must be immediately notified with measures to be implemented provided.

During bridge construction activities, the laydown viewed in Figure 9 was in use. The Inspector is pleased to report that all items used in connection with this land use operation have been removed, and the only items remaining are jersey barriers. At the earliest opportunity, these barriers should also be removed from their current location. The large culverts that were replaced by the bridge were also removed from this laydown and taken to the Whati landfill for proper disposal (Figure 10).

Community quarry reclamation was discussed with the Contractor (Rowe's Construction) during this land use operation, and as seen in Figure 11 through 13, reclamation appeared satisfactory. The active working faces were contoured, dozer tracks will create microclimates & seed catches, no windrows of overburden or trees were observed, and the quarry floor appears to have been graded to drain.

The final area inspected was the previous location of the 90,000 Litre envirotank (Figure 14) in the community of Whati. No obvious hydrocarbon spills were observed and therefore it appears that fuel storage & handling was acceptable throughout this land use operation.

With the exception of proper notification prior to the completion of the Whati Access Road Rehabilitation Project, the Contractor conducted land use operations in an environmentally responsible manner and this cooperation was appreciated.

Completed off Site
Representative's Signature

Clint Ambrose
Inspector


Inspector's Signature



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Figure 1
Transcube and Transtainer on the northwest side of the sprung.



Figure 2
Spill kit and drip tray are present for use on the south side of the Transtainer.





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Figure 3

All parked vehicles and equipment had drip trays present.



Figure 4

Looking north at the Km 19.5 shop complex. The eighteen (18) office connex units will be decommissioned and demobilized from the land use area at the very earliest opportunity.





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Figure 5

Two ATCO trailers are being installed to replace the eighteen office connex units.



Figure 6

Newly installed bridge at Km 0+540 of the Whati Access Road. Looking southwest at the bridge.





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Figure 7

Rip rap on the west abutment. Material appeared to have minimal fines present.



Figure 8

Another view of rip rap below the bridge. Some "fines" were present on the east abutment but they should not pose any immediate environmental concerns.





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Figure 9

Contractor laydown on the east side of the bridge. Items have been removed with the exception of the concrete jersey barriers.



Figure 10

Culverts removed from the Whati Access Road have been taken to the landfill for proper disposal.





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Figure 11

Example of a reclaimed slope in the quarry.



Figure 12

Another example of reclaimed slopes in the quarry.





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Figure 13

North side of the quarry and no windrows of trees or overburden were observed.



Figure 14

Previous location of the 90,000 Litre fuel tank in the Community of Whati. No hydrocarbon spills were observed.

