



February 28, 2022

NWT Power Corporation  
Box 2250  
YELLOWKNIFE, NT X1A 2P7

**Re: Land Use Permit W2021Q0011  
Quarrying / Winter Roads / Camps  
Snare Forks to Kilometre 12 of the Wekweètì Winter Road, NT**

Dear Mr. Miller,

An inspection of the winter road from Kilometre 12 of the Wekweètì Winter Road to the Snare Forks Hydro Facility was conducted by Inspectors Clint Ambrose and Karine Gignac on February 24<sup>th</sup>, 2022. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed on site with Mr. Devin Fraser and Mr. Leroy Bloomstrand (Contractor).

Personnel mobilized to the land use area on February 15<sup>th</sup>, 2022 and winter road construction commenced shortly thereafter. The Inspectors were disappointed to see rolled organics (duff layer) in various sections of the winter road but are confident that the equipment operators will repair the damage and be more diligent as this land use operation progresses. 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 – Department of Lands

cc: WLWB  
Weatherby Trucking Ltd. – via email  
NTPC – via email





## ENVIRONMENTAL INSPECTION REPORT

Permittee:	NWT Power Corporation	Inspection Date – February 24 <sup>th</sup> , 2022
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	W2021Q0011	January 3 <sup>rd</sup> , 2027	Initial
Quarry Permit No.			
Contractor:	Weatherby Trucking Ltd.	Sub-Contractor:	

Location(s) Inspected:	The 12.3 km winter road from the Wekweëti winter road (Km 12) to the Snare Forks Hydro Facility.
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Current Stage of Operation:	Equipment was actively constructing the winter road and the initial icing of approximately 4.5 kilometres of road was underway.
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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
		Winter Road			
A	Location and Area	A			
B	Time	A			
C	Type and Size of Equipment	A			
D	Methods and Techniques	A			
E	Type, Location, Capacity and Operation of All Facilities	U			#20 Prevention of Rutting
F	Control or Prevention of Ponding of Water, Flooding, Erosion, Slides and Subsidence of Land	A			
G	Use, Storage, Handling and Ultimate Disposal of Any Chemical or Toxic Material	A			
H	Wildlife and Fisheries Habitat	A			
I	Storage, Handling and Disposal of Refuse or Sewage	A			
J	Protection of Historical, Archeological and Burial Sites	A			
K	Objects and Places of Recreational, Scenic or Ecological Value	N/A			
L	Security Deposit	N/A			
M	Fuel Storage	U			#47 Spill Response
N	Methods and Techniques for Debris and Brush Disposal	A			
O	Restoration of the Lands	A			
P	Display of Permits and Permit Numbers	A			
Q	Matters Not Inconsistent With the Regulations	A			
R	Sections 8 to 16 M.V.L.U.R.	A			



## ENVIRONMENTAL INSPECTION REPORT Pg. 2

Date: February 24<sup>th</sup>, 2022

Permit #: W2021Q0011

### Explanatory Remarks

An inspection of the winter road from kilometre twelve (12) of the Wekweètì Winter Road to the Snare Forks Hydro Facility was conducted by Inspectors Clint Ambrose and Karine Gignac on February 24<sup>th</sup>, 2022. The inspection was carried out to ensure operating conditions annexed to the above noted land use permit are being adhered to during this land use operation. All findings of the inspection were discussed on site with Mr. Devin Fraser and Mr. Leroy Bloomstrand (Contractor).

The Inspectors were provided notification by the Permittee & Contractor to meet the requirements of Condition #7 & #8 and personnel mobilized to the Snare Hydro Facility on February 15<sup>th</sup>, 2022. The majority of equipment utilized for this land use operation is positioned at the hydro facility with the exception of the water truck which was brought into the land use area from Yellowknife on February 20<sup>th</sup>, 2022. It was reported to the Inspectors that a second water truck would be mobilized on February 25<sup>th</sup>, 2022.

As seen in Figure 1 & 2, the initial snow clearing of the portage was complete but unfortunately the Inspectors were very disappointed with the blade work of equipment operators since damage to the underlying ground surface (duff layer) was observed. The Contractor is therefore non-compliant with Condition #20 of the land use permit.

Another area of concern was where equipment cleared pullouts adjacent to the winter road and once again, excessive damage to the duff layer was observed (Figure 3 through 6). The two aforementioned concerns were discussed with Mr. Fraser & Mr. Bloomstrand and the Inspectors were informed that better care will be taken with the blades/bucket of equipment and no further damage will occur.

If any further damage to the ground surface is observed during a subsequent inspection, the Inspectors may issue an Inspector's Order pursuant to Section 86 of the *Mackenzie Valley Resource Management Act* and order cessation of land use operations pursuant to Section 34 of the *Mackenzie Valley Land Use Regulations*.

Equipment in use for this land use operation is a loader with a drag (Figure 7), a water truck (Figure 8) and a grader (Figure 9). All equipment appeared to be operating cleanly as no obvious hydrocarbon leaks or spills were observed. It also appears that the Contractor is complying with Condition #48 of the permit and drip boards are being placed under parked equipment.

Approximately 4.5 kilometres of the winter road has initial icing complete and an example of a portage that has been iced & dragged can be viewed in Figure 10. Prior to the opening of the winter road to vehicular traffic larger than pickups, the road must be iced in from shoulder to shoulder with a minimum of 10 cm of ice to comply with Condition #11 of the permit. The Inspectors are confident that the Contractor will ensure this is completed and this cooperation is appreciated.

The Inspectors were pleased to see a drip board beneath the pickup viewed in Figure 11 but unfortunately no spill response materials were readily available as per Condition #47 of the permit. This concern was discussed with Mr. Bloomstrand and the Inspectors were informed that small spill kits were present in the water truck, grader and loader. This is appreciated but unfortunately with fuel transfers occurring from the tidy tank in the back of the aforementioned pickup, spill response materials are of the utmost importance at this location.


The Contractor's cooperation to address all of the aforementioned concerns in a timely manner is anticipated and appreciated. It is also anticipated that diligent monitoring of the portages will occur and if any "blow outs" or degradation of the ice cover is observed, maintenance will be conducted to remain compliant with the permit operating conditions for the remainder of this land use operation.

**Once road construction is complete and ready for use, please notify the undersigned Inspector.**

As a reminder, ten (10) days prior to the seasonal shutdown of the winter road, the Inspectors must be notified as per Condition #9 of the land use permit.

Completed off Site  
Representative's Signature

Clint Ambrose  
Inspector

  
Inspector's Signature





## ENVIRONMENTAL INSPECTION REPORT

**Figure 1**

The initial clearing of snow has been completed.



**Figure 2**

The underlying ground surface was disturbed in numerous locations along the winter road.







## ENVIRONMENTAL INSPECTION REPORT

**Figure 3**

**Example of a cleared turning around with rolled organics.**



**Figure 4**

**Another pullout with disturbance.**







## ENVIRONMENTAL INSPECTION REPORT

**Figure 5**  
Another pullout with disturbance.



**Figure 6**  
Another area with disturbance.







## ENVIRONMENTAL INSPECTION REPORT

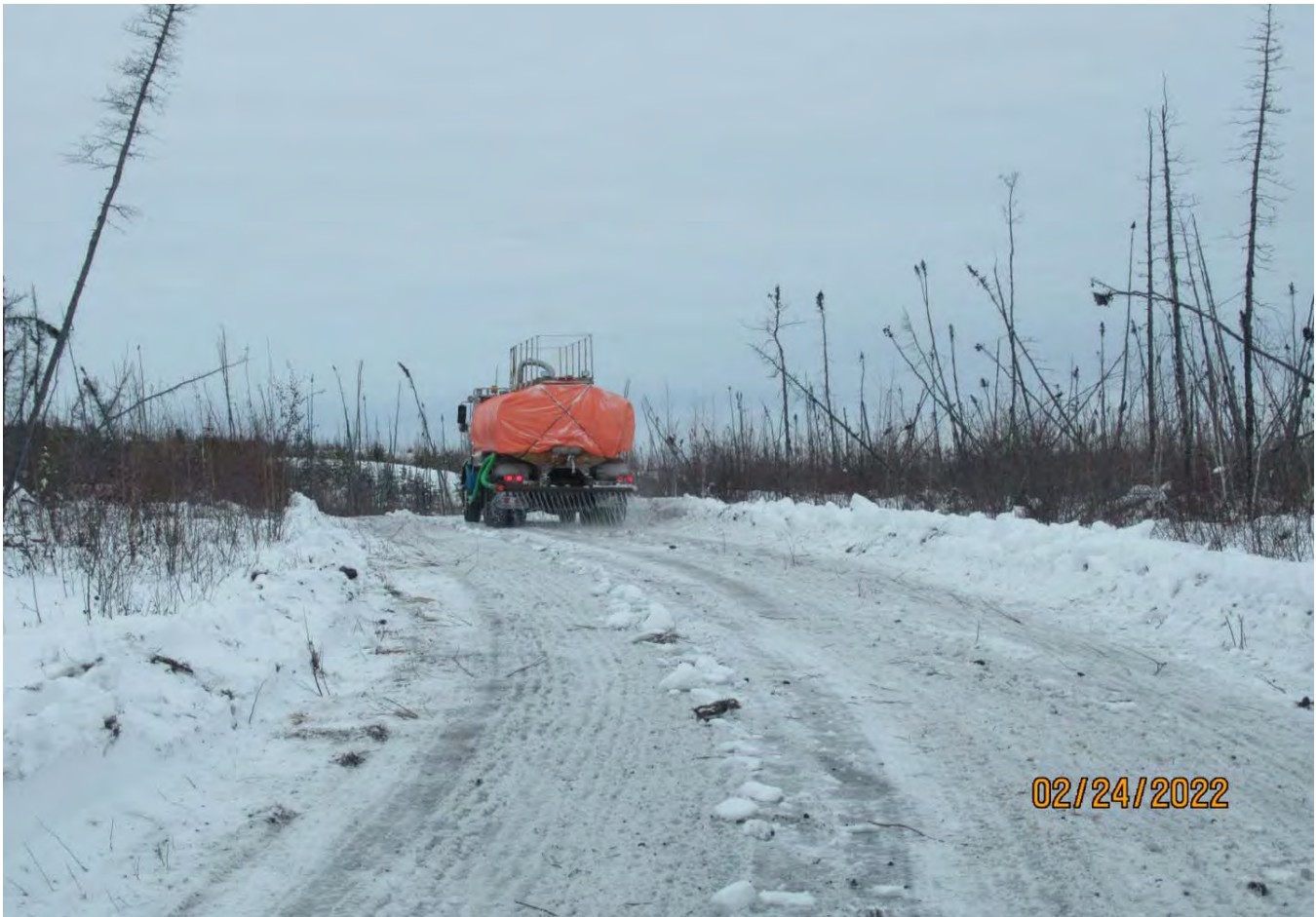
**Figure 7**

A loader with a tire drag was dragging the portages.



**Figure 8**

A water truck was actively watering the last 4.5 kilometres of the winter road.







## ENVIRONMENTAL INSPECTION REPORT

**Figure 9**

A grader is being used for clearing snow and pulling it back in behind the water truck.



**Figure 10**

Example of a portage with the initial icing complete.







## ENVIRONMENTAL INSPECTION REPORT

**Figure 11**

**This parked pickup had a drip board in place.**



**Figure 12**

**Although a drip board was present for re-fueling, no spill response materials were present in this pickup.**

