



P.O. Box 1500
4923 52nd Street
Yellowknife, NT
X1A 2R3

April 10th, 2018

INAC-CARD Bullmoose/Ruth Remediation Project

RE: Land Use Permit MV2016X0013 – Bullmoose/Ruth Remediation Project

Dear Mr. Ogilvie,

An inspection of INAC-CARD Bullmoose/Ruth Remediation Project was completed by Resource Management Officer Devin Penney on March 28th, 2018. The inspection was conducted to ensure compliance with the terms and conditions of the land use permit MV2016X0013, Quarry Permits, approved management plans.

The attached inspection report contains details and photos that were taken during the inspection.

If you have any questions or concerns please contact me at (867) 669-2468.

Thank you,

Devin Penney
Resource Management Officer (Inspector)
Resource and Land Division
Indigenous and Northern Affairs Canada

cc. MVLWB – via email
INAC Resource and Land Management – via email



INSPECTION DATE – March 28th 2018

ENVIRONMENTAL INSPECTION REPORT (MV2016X0013)

Permittee:	CARD Bullmoose-Ruth	December 4 th 2021	February 7 th 2017
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		Permit Expiry Date	Last Previous Inspection
Land Use Permit No.	MV2016X0013		
Quarrying Permit No.	2017QP0003		
Contractor:	Rowe's Outcome JV	Subcontractor:	

Location(s) Inspected:	Bullmoose/Ruth Remediation Project Federal land use areas
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Current Stage of Operation:	Winter Road Construction and Camp/Equipment Demobilization Preparation
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Program Modifications Approved:	N/A
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Condition of Operation "A" - Acceptable "U" - Unacceptable "N/A" - Not Applicable "N/I" - Not Inspected

	Operating Condition	Aspect Inspected				
		Camp/Equipment Storage	Quarry			
A	Location and Area	A	A			
B	Time	A	A			
C	Type and Size of Equipment	A	A			
D	Methods & 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 Fish Habitat	A	A			
I	Storage and Handling of Refuse and Sewage	A	A			
J	Historical / Archaeological Sites	A	A			
K	Objects and Places of Recreational, Scenic, and Ecological Value	A	A			
L	Security Deposit	N/A	N/A			
M	Fuel Storage	A*	A			C#55, C#61
N	Methods and Techniques for Debris and Brush Disposal	A*	A			C#66
O	Restoration of Lands	A	A			
P	Display of Permits and Permit Numbers	A	A			
Q	Biological and Physical Protection of the Land	A	A			
R	Sections 8 to 12 / 14 to 16 M.V.L.U.R.	A	A			
S	Quarrying Methods	N/A	A			



ENVIRONMENTAL INSPECTION REPORT Pg. 2 (Continued)

Date:	March 28 th 2018	Permit #:	MV2016X0013
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Explanatory Remarks:

An inspection of INAC-CARD Bullmoose/Ruth remediation project was completed by Resource Management Officer Devin Penney on March 28th, 2018. The inspection was carried out to ensure compliance with the terms and conditions of the water licence, land use permit, and quarry permits issued to CARD for the remediation of the various sites in the Bullmoose/Ruth area.

Rowes Construction was constructing concrete caps to seal the shafts/portals at the Bullmoose mine site during the inspection. The inspector noted that two of the frost fighters (used to heat the concrete pads) did not have secondary containment (photo's 3 and 7). This was communicated to Rowes and immediately addressed (Photo's #4 & #8). The fuel drum connected to the parts van was not within adequate secondary containment (Photo #5). Site personnel immediately addressed the secondary containment concern (Photo #6).

The Inspector noted that some debris remained on the ice at the Bullmoose Creek. (photo12). A row of steel posts also remained erect and encapsulated in the ice. Since the time of the inspection these posts have been removed and the debris collected and removed as per the waste management plan (Photo #13).

There were multiple drums at the Bullmoose airstrip that did not have adequate secondary containment (Photo #14). This issue was communicated to Rowes construction and mitigated immediately (Photo #15).

During the previous inspection, site personnel explained that the timber throughout the backfiled excavation 2-4 area between the Bullmoose camp and creek area had been spread out and disposed of. It was very difficult to verify if this had been done during this inspection due to the amount of fresh snow cover. Photo # 16 shows a lot of debris sticking straight up which could be dangerous to animals however this will be assessed further once the snow melts and the debris settles.

Overall the Inspector was pleased with the progress and condition of the project given all the deficiencies have been addressed.

Please feel free to contact me at (867) 669-2468 if you have any questions or concerns.

_____*Original Signed*_____
Inspectors Signature



Photo #1: Sand piled around a concrete structure at Beaulieu Mine Site. This has been done to prevent injury to animals.



Photo #2: One drum remaining at June mine containing ore belonging to Robert Carroll. The removal of these drums are outside of the scope of the project.



Photo #3: Frost Fighter at Alimak that does not have proper secondary containment.



Photo #4: Frost Fighter at Alimak placed in secondary containment post inspection.



Photo #5: Fuel drum for parts van at Alimak does not have adequate secondary containment.



Photo #6: Photo 5 mitigation post inspection.



Photo #7: Frost Fighter at Mainway without secondary containment.



Photo #8: Photo 7 mitigation post inspection.



Photo #9: Bullmoose landfill in final stages.



Photo #10: All Equipment has been removed from Ruth mine.



Photo #11: Posts that remain encapsulated in ice at the Bullmoose creek.



Photo #12: Debris on the ice at the Bullmoose creek.



Photo #13: Debris picked up at the Bullmoose creek post inspection.



Photo #14: Fuel drums at the Bullmoose airstrip without adequate secondary containment.



Photo #15: Secondary containment for fuel drums mitigated post inspection.



Photo #16: Scattered organic debris between Bullmoose camp and Bullmoose creek. There are still a lot of wooden debris sticking up but will be reassessed after freshette.



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Northern Affairs Canada

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