



Indigenous and
Northern Affairs Canada

Affaires autochtones
et du Nord Canada

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

May 9th, 2017

Indigenous and Northern Affairs Canada – CARD

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

Attention: Ms. Natalie Plato Giant Mine Remediation Project

RE: Water Licence MV2012L8-0010 – Giant Mine – Inspection

Dear Ms. Plato,

An inspection of the Giant Mine remediation project was completed by Resource Management Officer's Devin Penney and Tim Morton on May 5th, 2017. The inspection was conducted to ensure compliance with the terms and conditions of the water licence and approved management plans. The Inspector was accompanied by Ms. Carolina Mora (Environmental Coordinator - Nuna).

The Inspectors were pleased with the results of the operation as no major concerns were noted during inspection. The environmental inspection report is attached along with pictures of the site 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)
Land and Resource Management Division
Indigenous and Northern Affairs Canada

cc. MVLWB
INAC/CARD – via email
Carolina Mora – via email



WATER LICENCE ENVIRONMENTAL INSPECTION REPORT

Licensee:	AANDC - CARD	Inspection Date – May 5 th 2017
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Water Licence No.	MV2012L8-0010	Last Previous Inspection:	Aug 19 th 2016
Quantity of water not to be exceeded:	300 Cubic Meters / Day	Licence Expiry Date:	31 January 2019
Contractor:	PWGSC	Subcontractor:	N/A

Location(s) Inspected:	West Pond, Baker Creek, Fuel Transfer Area, Hazard’s Waste Area and Temporary Storage area.
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Current Stage of Operation:	Remediation
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Program Modifications Approved:	N/A
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Compliance with Items: “A” - Acceptable “U” - Unacceptable “N/A” - Not Applicable

Part	Licence Items	Compliance with Items	Item # and Comments
A	Scope	A	
B	General Conditions	A	#1 – Compliant #2 - Compliant #3 – N/A #4 – Compliant #5 – Compliant #6 – Compliant #7 – Compliant
C	Conditions Applying to Water Use	A	#1 – Compliant #2- Compliant #3 - Compliant
D	Conditions Applying to Waste Disposal	A	#1 – Compliant #2 – Compliant #3 – Compliant #4 – Compliant #5 – N/A #6 – Compliant



			<p>#7 – Compliant (No water was being pumped during the onsite inspection)</p> <p>#8 – Compliant. The waste from the deconstruction of the roaster remains onsite in an temporary waste storage area.</p>
E	Conditions Applying to Modifications	N/A	
F	Conditions Applying to Contingency Planning	A	<p>#1 – Compliant.</p> <p>#2 – Compliant</p> <p>#3 – Compliant. No modifications to the plan have been made.</p>
G	Conditions Applying to Abandonment and Restoration	N/A	
H	Conditions Applying to Construction	A	<p>#1 – Compliant</p> <p>#2 - Compliant</p> <p>#3 – Compliant</p> <p>#4 – Compliant</p> <p>#5 – Compliant</p> <p>#6 – Compliant</p> <p>#7 – Compliant</p> <p>#8 - Compliant</p>
I	Conditions Applying to Operation and Maintenance	N/A	



ENVIRONMENTAL INSPECTION REPORT Pg. 2 (Continued)

Date: May 5th 2017

Licence #: MV2012L8-0010

Explanatory Remarks

An inspection of the Giant Mine project was completed by Resource Management Offices Devin Penney and Tim Morton. Accompanying the inspector was Ms. Carolina Mora (Nuna). This inspection was conducted to ensure compliance with the applicable terms and conditions of the water licence and management plans.

The Hazardous containment area had some flooding in the southeast corner as illustrated in photo 3. A pumping system had been setup to pump the ponded water into the northwest pond. Ms. Mora explained to the Inspectors that site personnel were ready to pump the ponded water shortly after the inspection.

The fuel transfer area located near the office building had some hydrocarbon staining within the transfer area. The Inspectors requested that staff use a drip tray under the fuel nozzle to catch any dripping/minor spills during the refueling of equipment. The containment area that is currently in place catches the hydrocarbon but rain can cause this area to flood and hydrocarbons run out to the surrounding environment.

At the time of the inspection, Bake Creek has minimal flow and the water levels are very low (Photo #5).

There were no reportable spills at the Giant Mine site during the winter of 2016/2017 to date.

No water was being discharged to the environment at the time of the inspection for the regulated SNP station and the water levels in the northwest pond were very low, roughly 1/3 the capacity.

Overall the Inspectors were pleased with the state of the site as no concerns were noted during the inspection. Your continued compliance is appreciated.

Completed off Site
Representative's Signature

Devin Penney
Inspector

Original Signed
Inspector's Signature



Photo 1: Northwest Pond Frozen.



Photo 2: Low Water Levels in Northwest Pond.



Photo 3: Area flooded in the Hazardous Waste Storage area.



Photo 4: Piping to be used to pump the flooded area in Photo 3 to Northwest Pond.



Photo 5: Baker Creek Near Bridge



Photo 6: Fuel Transfer area



Photo 7: Dry Storage Container Area