



**Mackenzie Valley Land and Water Board**  
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## Staff Report

<b>Applicant:</b> Aboriginal Affairs and Northern Development Canada – Contaminants and Remediation Directorate – Giant Mine	
<b>Location:</b> Giant Mine	<b>Application:</b> MV2012L8-0010
<b>Date Prepared:</b> October 14, 2014	<b>Meeting Date:</b> November 6, 2014
<b>Subject:</b> Semi-Annual Report - Update	

### 1. Purpose/Report Summary

The purpose of this Report is to present to the Mackenzie Valley Land and Water Board (MVLWB/the Board) the Semi-Annual Report (SI) submitted by Aboriginal Affairs and Northern Development Canada – Contaminants and Remediation Directorate (AANDC-CARD).

### 2. Background

- March 28, 2013 – Water Licence (WL) MV2012L8-0010 issued;
- July 31, 2014 – SI received;
- October 9, 2014 – Comments received;
- November 6, 2014 – Presented to the Board; and,
- March 27, 2016 – WL to expire.

### 3. Discussion

Part B, Item 1 of the WL requires the submission of semi-annual reports; the semi-annual report is to contain information stipulated in Schedule 1, Item 1 which is below:

1. The Semi-Annual Report(s) referred to in Part B, item 1 shall include, but not be limited to, the following information:
  - a. The monthly and semi-annual quantities in cubic metres of fresh Water obtained from all sources;
  - b. The monthly and semi-annual quantities in cubic metres of recycled Water obtained from all sources;

- c. The monthly and semi-annual quantities in cubic metres of each and all Waste discharged including but not limited to any “bleed” water collected from the tailings paste;
- d. A list of unauthorized discharges, including any clean-up actions taken and preventative measures implemented to prevent future discharges;
- e. An outline of any spill training and communications exercises carried out;
- f. A summary of any engagement and consultation activities completed during the reporting period and an outline of any activities anticipated for the upcoming reporting period;
- g. A summary of any revisions to the approved General Contingency and Emergency Spill Response Plans;
- h. A summary of any revisions to the approved Waste Management Plans for Roaster Complex Deconstruction and Underground Stabilization;
- i. Details of all work completed for the Roaster Complex, including but not limited to the actual deconstruction sequence of the associated structures;
- j. Details of all work completed for the Underground Stabilization Work Area;
- k. Details of any anticipated activities for the upcoming reporting period for the Roaster Complex deconstruction and the Underground Stabilization Work Area, including the proposed sequence in which the structures of the Roaster Complex will be deconstructed;
- l. Details on the types and quantities of hazardous materials removed from the Roaster Complex deconstruction;
- m. Details on the types and quantities of packaging used for storing waste at the Temporary Waste Storage Area, including non-hazardous and arsenic-containing hazardous waste;
- n. Details on the volume of each type of backfill material used in each stope or chamber during the reporting period;
- o. Completed “As-Built Statement of Risk Mitigation” letters stamped by a professional engineer that confirm the mitigation of risks associated with the Underground Stabilization Work Area; and
- p. Any other details on Water Use or Waste disposal requested by the Board three months prior to the semi-annual report submission date.

#### **4. Comments**

n/a

#### **5. Reviewer Comments**

During the review of the SI, the only comments that staff received were from Environment Canada indicating that they had no comments.

## 6. Security

n/a

## 7. Conclusion

Board staff has reviewed the SI as well as the WL requirements. AANDC-CARD has identified through the report where they have addressed each of the items identified in Schedule 1, Item 1.

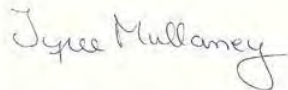
## 8. Recommendation

Board staff has prepared a letter acknowledging receipt and review of the Semi-Annual Report as submitted by Aboriginal Affairs and Northern Development Canada – Contaminants and Remediation Directorate.

## 9. Attachments

- [Semi-Annual Report](#)
- Reviewer Comment Summary Table
- [Water Licence MV2012L8-0010](#)
- Draft Response Letter

Respectfully Submitted,



Tyree Mullaney  
Regulatory Officer

## Review Comment Table

<b>Board:</b>	MVLWB
<b>Review Item:</b>	AANDC-CARD- Giant Mine Remediation Project - Semi-annual Water Licence Report (MV2012L8-0010)
<b>File(s):</b>	<a href="#">MV2012L8-0010</a>
<b>Proponent:</b>	AANDC-CARD
<b>Document(s):</b>	<a href="#">Semi- Annual SSP Report</a> (1mb)
<b>Item For Review Distributed On:</b>	Aug 1 at 16:44 <a href="#">Distribution List</a>
<b>Reviewer Comments Due By:</b>	Oct 9, 2014
<b>Proponent Responses Due By:</b>	Oct 23, 2014
<b>Item Description:</b>	<p>Please find attached a semi-annual Water Licence Report for the Giant Mine Remediation Project. This item is being posted to the Online Review System for your notification. Please submit any comments or recommendations by October 9, 2014.</p> <p>Please contact <a href="mailto:jpotten@mvlwb.com">jpotten@mvlwb.com</a> or 867-766-7468 if you have questions about this notification.</p>
<b>General Reviewer Information:</b>	<p>this item is also to be faxed to the following individuals/groups:</p> <p>Fort Resolution Métis Council Trudy King (867)394-3322; Fieldworker.frnc53@northwestel.net;</p> <p>Hay River Metis Council Wally Shuman President (867)874-4472; hrmc@northwestel.net;</p> <p>NWT Metis Nation Tim Heron NWTMN IMA Coordinator (867)872-2772; rcc.nwtmn@northwestel.net;</p> <p>Smith Landing First Nation Andrew Wanderingspirit Chief (867)872-5154; chief@slfn196.com;</p>

**Contact  
Information:**

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Tyree Mullaney 867-766-7464

## Comment Summary

Environment Canada: Devin Penney				
ID	Topic	Reviewer Comment/Recommendation	Proponent Response	Board Response
1	General File	<b>Comment</b> ( <a href="#">doc</a> ) Environment Canada No Comment Letter <b>Recommendation</b>	n/a	n/a