



Mackenzie Valley Land and Water Board
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Staff Report

Applicant: Aboriginal Affairs and Northern Development Canada – Contaminants and Remediation Directorate – Giant Mine	
Location: Giant Mine	Application: MV2012L8-0010
Date Prepared: February 24, 2015	Meeting Date: April 23, 2015
Subject: 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;
- January 30, 2015 – SI received;
- March 19, 2015 – Comments received;
- April 23, 2015 – 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 states:

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 at this time.

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,

A handwritten signature in cursive script that reads "Tyree Mullaney". The signature is written in black ink on a light-colored background.

Tyree Mullaney
Regulatory Officer

Review Comment Table

Board:	MVLWB
Review Item:	AANDC CARD - Giant Mine - Semi-Annual Report May 1 - Oct 31, 2014 - MV2012L8-0010
File(s):	NV2012L8-0010
Proponent:	AANDC-CARD
Document(s):	Seni-Annual Report - May 1 - Oct 31, 2014 (2 MB)
Item For Review Distributed On:	Feb 18 at 14:18 Distribution List
Reviewer Comments Due By:	Mar 19, 2015
Proponent Responses Due By:	Apr 2, 2015
Item Description:	Please see the attached Semi-Annual Report for May 1 - October 31, 2014 submitted by AANDC-CARD - Giant Mine.
General Reviewer Information:	<p>Comments are due March 19, 2015 with responses from the proponent being due April 2, 2015.</p> <p>If you have any questions please feel free to contact me.</p> <p>Regards,</p> <p>Tyree</p>
Contact Information:	Tyree Mullaney 867-766-7464

Comment Summary

Environment Canada: Sarah-Lacey McMillan				
ID	Topic	Reviewer Comment/Recommendation	Proponent Response	Board Response
1	General File	<p>Comment (doc) EC no comment letter</p> <p>Recommendation</p>	n/a	n/a



Environmental Protection Operations Directorate (EPOD)
Prairie and Northern Region (PNR)
5019 52nd Street, 4th Floor
P.O. Box 2310
Yellowknife, NT X1A 2P7

March 19, 2015

EC file: 5100 000 002 / 004
MVLWB file: MV2012L8-0010

Jen Potten
Regulatory Officer
Mackenzie Valley Land and Water Board (MVLWB)
7th Floor, 4922 48th St
PO Box 2130
Yellowknife NT X1A 2P6

via online submission

RE: MV2012L8-0010– AANDC CARD Giant Mine – Semi Annual Report May 1, 2014 to October 31, 2014

Environment Canada (EC) has reviewed the information submitted to the Mackenzie Valley Land and Water Board (MVLWB) regarding the above-mentioned Semi Annual Report and has no comments to provide at this time. The Proponent is still required to comply with its obligations under legislation, including the *Canadian Environmental Protection Act, 1999*, the pollution prevention provisions of the *Fisheries Act*, the *Migratory Birds Convention Act, 1994*, and the *Species at Risk Act*.

Should you require further information, please do not hesitate to contact me at (867) 669-4724 or sarah-lacey.mcmillan@ec.gc.ca.

Sincerely,

Sarah-Lacey McMillan
Senior Environmental Assessment Coordinator

cc: Dave Fox, A/Head Environmental Assessment North (NT & NU), EPOD
Amy Sparks, Contaminated Sites Coordinator