

MVLWB Registry

From: Fallon Morton <Fallon.Morton@aandc-aadnc.gc.ca>
Sent: Friday, March 6, 2015 10:46 AM
To: NWTLands
Subject: Giant Mine AQM weekly summary report for week ending February 28, 2015
Attachments: AQM Weekly Feb 22-28, 2015.pdf

Greetings,

Attached is the AQM weekly summary report for Giant Mine for week ending February 28, 2015.

In discussions with the Giant Mine Working Group, in lieu of the detailed weekly reports the project has decided to provide weekly summaries and a detailed monthly report. This is done to make the reporting more useful to users, while still maintaining the level of details previously provided.

A summary of the report is provided below:

Fenceline Network:

- Fenceline air quality monitoring was shut down for the season mid-day on Friday, January 23, 2015, coinciding with completion and wrap-up of the Interim Underground Stabilization (IUS) program (tailings work).

Community Stations

- There were no continuous 24-hour average concentrations of particulate matter less than 2.5 microns in diameter (PM_{2.5}) and no continuous 24-hour average PM₁₀ concentrations above the referenced criteria measured at the community stations during the week.
- Laboratory results from TSP, PM₁₀, and trace metals (including arsenic) samples measured on January 12, 15, 18, 21, and 24, 2015 at the community stations were less than the analytical detection limit and/or below the referenced criteria. Laboratory results from samples collected at the community stations after January 24, 2015 are pending.
- Laboratory analytical results received for asbestos samples measured on January 18, 21, 24, and 30, 2015 at the community stations were less than the analytical detection limit and/or below the referenced criteria. Laboratory results from asbestos samples collected at the community stations after January 30, 2015 are pending.
- The 3-day sampling schedule for 24-hour integrated TSP, PM₁₀, trace metals, and asbestos monitoring at the community stations has changed to a 6-day sampling schedule starting on January 24, 2015. The 3-day sampling schedule will resume following start-up of remediation activities some time during spring 2015.

Interim Underground Stabilization (IUS) (tailings work)

- Air quality monitoring near the IUS work resumed on January 5, 2015 in support of remaining IUS activities (tailings work). This monitoring was completed and shut down on January 20, 2015 for the winter coinciding with shut down of tailings harvesting work activities.
- There were no analytical 24-hour arsenic results received during the week from samples collected at six locations near IUS work activities around the North and Central Tailings Ponds. Analysis of archived filter results collected January 5 - 24, 2015 is pending and/or on hold pending request for analysis.

General Operations

- The AQM program operated as specified during the week ending February 28, 2015 with the exception of:
 1. Data from the PM₁₀ BAM monitors at the NAPS station was unavailable due to unknown causes. Efforts are currently underway to make PM₁₀ BAM data from NAPS available for reporting.

Regards,

Fallon Morton
Giant Mine Remediation Project
Aboriginal Affairs and Northern Development Canada
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March 6, 2015

Mr. Willard Hagen, Chair
Mackenzie Valley Land and Water Board
7TH FLOOR – 4922, 48TH ST., PO BOX 2130
YELLOWKNIFE, NT X1A 2P6

Dear: Mr. Hagen,

RE: Water Licence MV2012L8-0010 – Air Quality Reports for the Week of February 22

This report is meant to satisfy commitments made in the May 21, 2013, responses to review comments on the roaster plans. Our commitment was to provide weekly summaries of the following data:

- PM₁₀ measurements captured by the contractor and the fence-line program;
- All other available and quality assured data, including TSP, trace elements (metals) and asbestos data.

In discussions with the Giant Mine Working Group, in lieu of the detailed weekly reports the project has decided to provide weekly summaries and a detailed monthly report. This is done to make the reporting more useful to users, while still maintaining the level of details previously provided.

In summary for the week of February 22 – February 28, 2015:

Fenceline Network:

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 1. Data from the PM₁₀ BAM monitors at the NAPS station was unavailable due to unknown causes. Efforts are currently underway to make PM₁₀ BAM data from NAPS available for reporting.

Additional air quality information for the Giant Mine can be found on the NWT Air Quality Monitoring Network web page: <http://aqm.enr.gov.nt.ca>.

Should you have any questions or comments, please contact Adrian Paradis by Telephone: (867) 669-2425 or by E-mail: Adrian.Paradis@aandc-aadnc.gc.ca.

Sincerely,



Adrian Paradis
Regulatory Manager
Giant Mine Remediation Project

c.c.: Distribution List