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NT573651

July 10, 2013

Mackenzie Valley Land  
& Water Board

File \_\_\_\_\_

JUL 23 2013

Application # MV2012L8-0010

Copied To TH/Reg

Mr. Willard Hagen, Chair  
Mackenzie Valley Land and Water Board  
7<sup>TH</sup> FLOOR – 4910-50<sup>TH</sup> AVENUE  
YELLOWKNIFE, NT X1A 2P6

RE: June 2013 Monthly Report for Water Licence, MV2012L8-0010, Part B, Item 7

Dear Mr. Hagen:

Aboriginal Affairs and Northern Development Canada (AANDC) was issued a Water Licence MV2012L8-0010 (the Licence) on March 28, 2013 for water use and waste disposal associated with roaster complex deconstruction and underground stabilization at Giant Mine. Part B, Item 7 of the Licence requires that the commitments made in the Communications Plan for Duration of Site Stabilization Activities (SSP Communications Plan) be fulfilled. One of the commitments in the SSP Communications Plan is to provide monthly updates to the Mackenzie Valley Land and Water Board and the identified Parties during active operations.

This is the second monthly report prepared for the Licence and describes activities that took place in June 2013. If you have any questions or concerns, please contact the undersigned at (867) 669-2425 or [adrian.paradis@aandc-aadnc.gc.ca](mailto:adrian.paradis@aandc-aadnc.gc.ca).

Sincerely,

A handwritten signature in blue ink, appearing to read 'A. Paradis', is positioned above the typed name.

Adrian Paradis  
Regulatory Manager  
Giant Mine Remediation Project

Encl. June Report

cc.: Clint Ambrose, AANDC Inspector  
Jane Amphlett, AANDC Giant Mine Operations Manager  
Parties Identified

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**GIANT MINE ROASTER COMPLEX DECONSTRUCTION  
AND UNDERGROUND STABILIZATION**

**WATER LICENCE MV2012L8-0010 – PART B, ITEM 7  
SSP COMMUNICATIONS PLAN**

**MONTHLY REPORT**

**June 2013**

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## INTRODUCTION

Water Licence MV2012L8-0010 (the Licence) was issued to Aboriginal Affairs and Northern Development Canada (AANDC) on March 28, 2013 for water use and waste disposal associated with roaster complex deconstruction and underground stabilization at the Giant Mine. Part B, Item 7 of the Licence requires that the commitments made in the *Communications Plan for Duration of Site Stabilization Activities* (SSP Communications Plan) be fulfilled. One of the commitments in the SSP Communications Plan is to provide monthly updates to the Mackenzie Valley Land and Water Board and identified Parties<sup>1</sup> during active operations.

The SSP Communications Plan requires that the monthly updates include the following items:

- Progress/status update of the work
- Summary of outcomes from environmental and health and safety related inspections
- Summary of outcomes from air and water quality monitoring

This report has been prepared for the Licence and describes activities that took place in June 2013.

## REGULATORY MILESTONES

A list of major regulatory milestones and activities is provided in the table below for reference purposes.

DATE	DESCRIPTION OF LICENSING ACTIVITY
June 6, 2013	Approval of the Roaster Complex Deconstruction Plan submittal Package Approval of the Roaster Complex Deconstruction Spill Contingency Plan
June 12, 2013	Confirmation of the use of the Dettah Sewage Lagoon for disposal of only sewage generated during roaster deconstruction.
June 14, 2013	Submission of request to use two additional encapsulants (Foster 32-80 and Fibreset PM) during roaster complex deconstruction.
June 27, 2013	MVLWB approved use of Foster 32-80 and Fibreset PM as encapsulants during roaster complex deconstruction.

<sup>1</sup> Parties identified in the SSP Communications Plan include the following:

- |   |  |
|---|--|
| Residents of Yellowknife, N'Dilo and Dettah   | North Slave Métis Alliance               |
| Yellowknives Dene First Nation  | Lutsel K'e First Nation                  |
| Giant Mine Advisory Committee   | NWT Métis Nation                         |
| Tlicho First Nation   | City of Yellowknife                      |
| Back Bay Community Association  | Alternatives North                       |
| Ecology North   | Workers Safety & Compensation Commission |
| City Emergency Services   | Media                                    |
| Members of the NWT Legislature  | Giant Mine Community Alliance            |
| Federal and territorial government agencies and inspection agencies, including Government of the Northwest Territories, Fisheries and Oceans and Environment Canada |  |

## **ENGAGEMENT ACTIVITIES**

Engagement activities that were carried out during the reporting period are summarized in the table below.

### ***Engagement Activities Completed During the Reporting Period***

<b>Engagement Activity/Target</b>	<b>Number</b>	<b>Type</b>
Public Events	1	YKDFN Ceremony w/ site tour
Information Distribution	7	Meetings, E-newsletter, e-mails
Site Tours	3	Surface and Underground site tour
Media Interactions (Based on # of media involved)	9	Interviews, media briefing, site tour

## **MONITORING and INSPECTIONS**

### **Health and Safety Inspections**

- 0 loss time incidents
- 2 first aid incidents

### **Spill Events**

No spill events occurred during the reporting period.

### **Water Quality Monitoring**

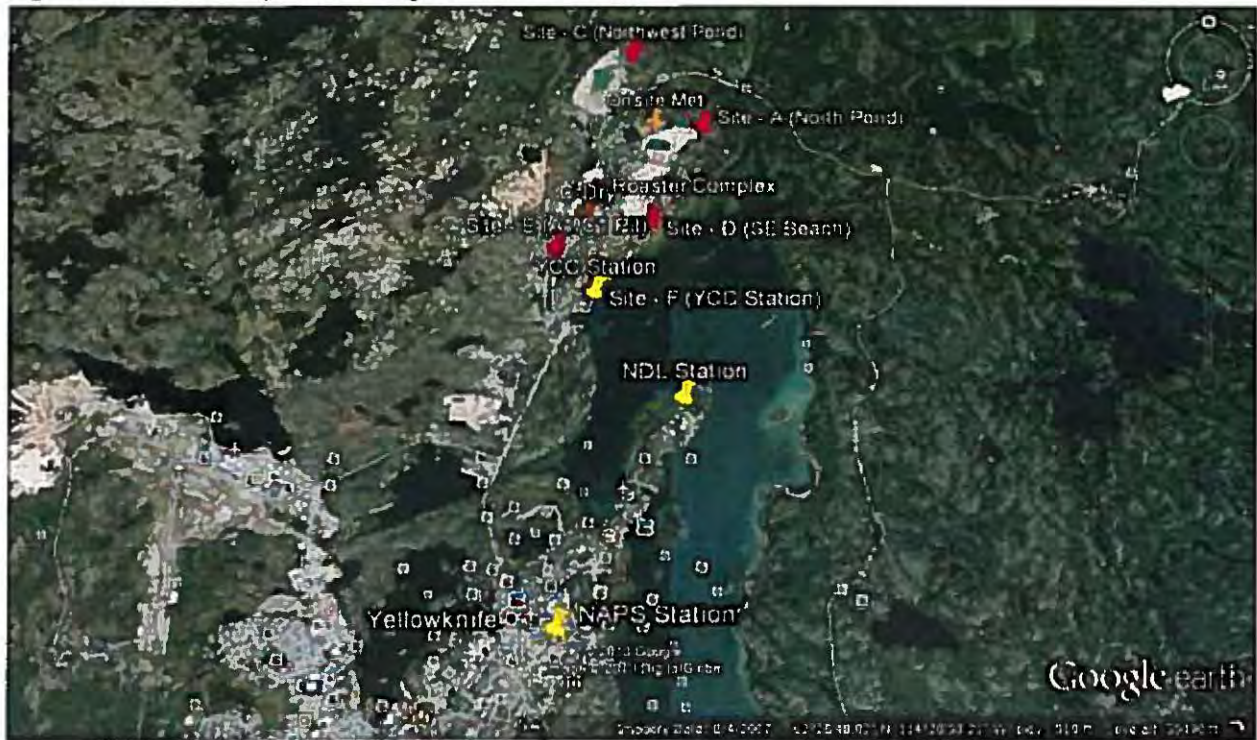
Waste water sampling:

- Samples were collected from the holding tank in the decontamination showers on 2013-06-17. All results were Non Detect for Oil and grease.

### **Air Quality Monitoring**

A tiered ambient air quality monitoring program made up of three distinct parts has been implemented at the Giant Mine site. The three parts to the air quality program include roaster work area perimeter monitoring, fenceline monitoring and community monitoring.

Figure 2: Community Monitoring Station Locations



### Wildlife Observations and Follow-Up Actions

- Swallows and crows are commonly observed in the vicinity of the site, but there is no use of the Roaster complex buildings. A swallow nest which was found on June 14<sup>th</sup>, 2013 is still active and is being monitored on a daily basis. The nest is located above the light in the electrical shack – directly north of the decontamination units.
- A fox and squirrel have been spotted in the area but tend to stay away from any activity on site.