

Memorandum

To: Al Hoffman
From: Oscar Flores
Date: 26th November 2014
Copies: Diane Howe, Steve Rothman
Re: Tailings Storage Facility EPRP Test

Mr. Hoffman,

New Afton completed a desktop drill of the Tailings Emergency Preparedness and Response Plan (EPRP) on November 12th 2014. The drill situation included; significant water leaking from the Dam B and Dam C abutment, rapid water loss at the TSF, with water reporting to the old Afton Pit.

Major lessons and gaps in the EPRP that were identified from this scenario included:

- It is necessary to establish how best to control access to site.
 - *While New Afton benefits from close access to resources, the proximity to the highway poses issues for controlling access while still allowing passage for required Ministry personnel, management, mine rescue contractors and required employees.*
 - *Closing the highway after Exit 362 by the RCMP may be required, however allowing required personnel through this check point would be difficult.*
 - *There is road access to the site via Greenstone Rd and Sugarloaf Rd that also need to be considered when controlling access.*
- New Afton should have a plan to effectively muster all employees and ensure headcount
 - *Immediate evacuation of the underground mine is required, which results in approximately 200 employees being required to muster. Logistically it is difficult to keep people onsite, as there is no indoor location designed to hold that number of people.*
 - *Depending on the circumstance there may be a need to muster site personnel at multiple locations which further complicates ensuring accurate headcount*
 - *Communication between muster locations is also difficult.*
- Training has not been rolled out completely for the EPRP for all staff
 - *Additional training for different levels of employees is required*
 - *Crisis Management Team and Incident Control Team specific training is also required, in particular for new staff*
- A Logistics Coordinator is required as part of the Incident Control Team. This position is currently not part of EPRP but exists in Crisis Management Duty Cards.
 - *Having someone to coordinate things such as light plants, generator, food and water is essential*

- Managing communications offsite is difficult
 - *As New Afton is located within a 3G location, controlling external communications from employees is difficult. Further training and communication to employees is required to ensure they understand the importance of restricted communications during an incident.*
 - *Communications with employees who are heading to the site to come on shift is also challenging. A communication line exists but need to ensure that employees are aware of how to access it should an emergency occur while they are off-site.*

Based on lessons learned and gaps determined, New Afton is developing corrective actions to remediate these gaps. New Afton uses INX-InControl™ to assign actions and set appropriate due dates. New Afton expects to have these actions completed in early to mid-2015, and will be discussed in the 2015 Dam Safety Inspection Report.

Oscar Flores

General Manager, New Afton Mine