

Gap Analysis on TSF Breach - Tabletop

Date: Oct. 30 2014

Attendees; Jamie Cogley, Ian Berzins, Kevin Gannon, Mike Daley, Mitch Chartrand, Jeremy Wall, Eric Tilman, Tim Caldwell, Mike Chen, Stacey McConnell

	Requirements	Identified Gap	Recommended Action	Owner	Timeline
1	Accurate Incident Command Team Roster	Roster presently out of date	Update names and revise team positions	Mike Daley	Dec. 15 2014
2	Site Engineering team availability in the event of a TSF emergency	Engineering team not listed in MTM contact list.	Add names and phone numbers to contacts list	Mike Daley	Dec. 15 2014
3	All emergency contact phone numbers must be current	Some contact numbers are not current	Update all emergency contact numbers - internal - external	Mike Daley	Dec. 15 2014
4	Engineer of record - Knight Piesold availability by phone 24/7	Office phone numbers only in the MERP	Add cell phone numbers of Bruno Borntraeger (999 2045) and Ken Brouwer to the external contacts list	Mike Daley	Dec. 15 2014
5	In an emergency Incident Command Team members must respond in a timely fashion to the Incident Command Center	Reliance on cell phones for those who do not carry a portable radio	Provide portable radios to Incident Command Team members	Mike Daley	Dec. 15 2014
6	Accountability of workers conducting activities downstream or off site.	Workers may not be able to get back to site for accountability.	Add to Mine Emergency Response Plan a written process for off site workers to report their location to site for accountability during an emergency.	Mike Daley	01/01/2015
7	Ability to divert water from one cell to another in the TSF to reduce severity of TSF breach	Unknown if adequate pumps, generators and piping are presently available on site for this task	1. Conduct gap analysis of pumps and materials on hand to perform this exercise. 2. Determine whether items need to be purchased or if a vendor is able to supply materials in a timely fashion.	Bruce Parker/Real Retza	Jan 31 2015

8	Engineered drain towers on TSF may need to be pumped to relieve hydraulic pressure	Pumps do not exist presently for this activity	Assess need for purchasing or sourcing pumps with ability to perform task. Consider option of utilizing vendor as above.	Bruce Parker/Real Retza	Jan 31 2015
	Understanding the potential size and timing of the floodplain as to provide information to exterior contacts and to downstream exposures	Flood plain information unclear	Develop inundation and timing map based on one or more breach scenarios to be included in the Mine Emergency Response Plan.	Bruce Parker	Jan 31 2015
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10	Well informed external contacts such as RCMP / Community Emergency Response Teams	Unsure how advised these parties are	Provide copy of Emergency Response to affected communities and provide update at upcoming stakeholder meetings.	Tim Caldwell	30/06/2015