



GBA TAILINGS EOR TASK FORCE

MEETING MINUTES

TELECON

FRIDAY, AUGUST 19, 2016 (9 A.M. MT)

Meeting participants:

Chair - Kim Morrison (Morrison Geotechnical Solutions, Inc.); Vice-Chair – John Baker (BGC USA); Members - Bob Snow (D'Appolonia), Mike Rowland (SME, Inc.); Rick Heckel (Ardent); Alex Sy (Klohn Crippen Berger); Ken von Schaumberg (Clark Hill); and GBA Executive Director – Joel Carson.

- Introductions (All)
- Purpose of Task Force and Goals:
 - Reviewed and agreed on the following Mission Statement:
 - ***Mission Statement: Raise awareness among GBA member firms who perform tailings storage facility design services of the concerns and issues related to Engineer of Record (EOR) for these ever-changing facilities; outreach to industry, other organizations, and regulatory agencies, as appropriate, for feedback on the issues; and develop internal and outreach documentation on the issue, including defining roles/responsibilities of the EOR, and implementation of a transfer process for EOR for tailings management facilities.***
- Old Business / Status Updates:
 - Update on what other organizations are up to with regard to EOR issue:
 - Information on the Structural Engineer of Record was provided by John Baker for review by the Task Force. Based on his review of the documents, a couple of key points were raised: (i) a new EOR should not be held responsible for accuracy of information provided to him/her when taking over the responsibility; (ii) the EOR needs to have both responsibility and authority, while a team concept makes authority less clear; and (iii) the EOR needs to retain contractual ability to do QA along the way.
 - Alex Sy mentioned that the BC Mining Code provided updated legislation after the Mount Polley failure that is applicable to our discussion, including a revised definition for EOR. Also, he indicated that with regard to authority, the BC Mining Code indicates that the Mine Manager has ultimate responsibility for tailings dam safety.

Tailings EOR Task Force Meeting Minutes – 19 August 2016

- Rick Heckel mentioned that the National Geotechnical Engineer of Record document provides some discussion of the owner’s responsibilities that may be applicable.
- Mike Rowland indicated the need for contractual agreement of the Engineer’s responsibilities for a tailings dam, now and in the future, i.e., agreement from engineer that they are in fact the EOR.
- *ACTION – Alex Sy to provide the updated BC Mining Code legislation that defines responsibilities for EOR and Tailings Review Boards.*
- *ACTION – Rick Heckel to provide EOR documents from the GBC.*
- GBA Business Brief
 - A revised draft GBA Business Brief has been provided to the Task Force for review comment. It is desirable to get the document out before the Seattle meeting.
 - *ACTION – Comments requested from Task Force by end of next week (8/26) in order to finalize the document.*
- Tailings & Mine Waste Conference in Keystone, CO, in October:
 - Kim Morrison & Chris Hatton completed development of a paper for the conference on the EOR issue. Feedback on this paper was requested from the team, and was received. The final paper was submitted just this week for the conference.
 - *ACTION – Kim to send final paper to team.*
- New Business:
 - Task Force proposes to develop a guidance document (i.e., GBA Best Practices) focusing on development of internal guidelines for GBA Member Firms on how to handle the EOR issue.
- Meeting Adjournment and Schedule:
 - Next meeting is tentatively scheduled for Friday, September 16th at 9 a.m. MT.