



Lessons Learned from Recent Tailings Dam Failures: A Path Forward

September 14-15, 2017

Organized by the USSD Committee on Tailings Dams

Thursday, September 14

8:00 am – 5:00 pm **Registration Desk open**

8:30 am – 10:00 am **Plenary Session, Part 1**

Moderator – Amanda Adams

Welcome and Introductions/Safety Share

Amanda Adams, Stantec (Chair, USSD Committee on Tailings Dams)

Opening Thoughts

Jeremy Boswell, Thurber Engineering Ltd.

Historic Tailing Dam Failures and Regulatory Response

Jeremy Boswell

Mt. Polley Failure Mechanism Summary

Dirk VanZyl, University of British Columbia

10:00 am – 10:30 am **Break**

10:30 am – 11:30 am **Plenary Session, continued**

Samarco Failure Mechanism Summary

Kim Morrison, Morrison Solutions, Inc. and Geoprofessional Business Association

Kingston TVA

Bill Walton, GEI Consultants

11:30 am – 1:00 pm **Lunch (on your own)**

1:00 pm – 2:30 pm **Plenary Session, Part 2**

Moderator – Bob Snow

Canada and US Regulatory Responses to Recent Tailings Dam Failures

Charles Cobb, Alaska Department of Natural Resources

Similarities and Differences in Kingston Compared to Tailings Dams and other Ash Ponds

Bob Bachus, Geosyntec Consultants

2:30 pm – 3:00 pm **Break**



3:30 pm – 5:00 pm **Panel Discussion**

Moderator – Amanda Adams

Owner's Perspective - **Tamara Johndrow**, Freeport McMoRan

Owner's Perspective - **John Lupo**, Newmont

Consultant's Perspective – **Kim Morrison**, Morrison Solutions, Inc.

Consultant's Perspective –**Paul Ridlen**, Knight Piésold and Co.

Friday, September 15

8:00 am – 5:00 pm **Registration Desk open**

8:30 am – 8:45 am **Introductions**

8:45 am – 9:00 am **Group Warm-Up Activity**

9:00 am – 9:05 am **Break into Three Working Groups**

Each group will discuss the following topics in a round-robin format:

- Design Changes
- Regulatory Changes
- Operational Changes

9:05 am – 9:30 am **Brainstorm Round 1**

9:30 am – 10:00 am **Brainstorm Round 2**

10:00 am – 10:30 am **Break**

10:30 am – 11:00 am **Brainstorm Round 3**

11:00 am – 11:30 am **GBA TSF Engineer of Record Initiative update by Kim Morrison**

11:30 am – 1:00 pm **Lunch (on your own)**

1:00 pm – 1:10 pm **Break into Groups**

Design, Regulatory or Operation (your choice) for further discussion and to develop action plans

1:10 pm – 3:00 pm **Develop Action Plans**

3:00 pm – 3:30 pm **Break**

3:30 pm – 4:30 pm **Presentation of Each Group's Findings**

Moderator – Christina Winckler

4:30 pm – 5:00 pm **Closing Thoughts**