

USSD Tailings Committee Update

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Summary of USSD Effort

- Formed subcommittee in September 2016 to consider the EOR-related revisions to the guidelines published by Canadian Dam Association (our sister committee under the ICOLD organization).
 - Paul Ridlen (lead)
 - Bob Snow
 - Chris Hatton
 - Mark Abshire
- Formulated “project charter” and identified possible outcomes



USSD EOR Project Charter

- To make a meaningful and lasting contribution/statement on the definition of role, requirements, and responsibilities of the Engineer of Record (EOR) for tailings dams within the U.S. and internationally.
- To contribute to improvement of tailings dam regulations in the United States

USSD's focus will be on defining/clarifying the technical and procedural recommendations to be followed by EORs and Owners to ensure the safety and stability of tailings dams.



Possible Outcomes

- Formal endorsement of revisions to CDA's Dam Safety Guidelines – with or without commentary
- Formal white paper (USSD's typical process)
- Technical paper by members of this committee – likely to be published either in USSD Annual Proceedings or ICOLD Annual Proceedings
- Joint statement or document with other professional organizations (e.g., ASDSO, GBA)
- Formal endorsement of GBA's eventual documents



Methodology

- Review CDA text for EOR definition
- Participate in GBA/ASDSO/USSD workshop in January
- Compile and review US dam safety regulations/guidelines
- Review other relevant international guidelines (if any)
- Review industry standards from mining companies with formal or informal guidance (e.g., Kinross, Freeport-McMoRan, Rio Tinto, etc.)
- Review other industry guidance (e.g. MAC, ICMM, etc.)
- Possibly interview selected dam safety officers
- Possibly interview selected mining industry individuals