

TERMS OF REFERENCE

DAM INTEGRITY ADVISORY COMMITTEE	APPROVED BY: ACR BOARD
	DATE APPROVED: 2016 Apr 21
	VERSION: 4.1
	DATE OF VERSION: 2016 Mar 28
	NEXT REVIEW: 2019 Apr 21

1. Purpose (Mandate)

The Dam Integrity Committee is mandated to consider current and emerging issues related to the responsible operation of resource sector dams in Alberta. The goals of the Committee are:

- a) To share within the Committee operating experiences, particularly lessons learned from incidents or near misses, which have general applicability to dam integrity in Alberta. To share non-proprietary procedures, recommendations regarding instrumentation, specialist consultants, etc. which have general applicability to operation of dams.
- b) To maintain a watching brief on worldwide dam integrity incidents, issues and trends; to analyze and communicate industry practices and lessons learned which are relevant to dam integrity in Alberta.
- c) To identify new technologies relevant to dam integrity and, where appropriate, to facilitate joint-industry or shared-cost field trials to demonstrate the utility of such technologies. (Company funding to be determined on a case-by-case basis.)
- d) To facilitate discussion and development of resource sector consensus on adaptations of CDA or MAC guidelines for resource sector dams.
- e) To facilitate discussions with Alberta and other regulators from time to time, to explore issues or trends of mutual interest
- f) To develop strategies, in co-operation with the ACR Mining Industry Advisory Committee, to attract increased numbers of engineering students to pursue a career in geotechnical engineering/dam integrity in Alberta. (Company implementation of strategies to be determined on a case-by-case basis.)
- g) To make available to dam owners, engineers and regulators – both within Alberta and beyond – generic information developed or compiled by DIAC (e.g. workshop summaries, technical reference lists, non-confidential lessons learned) as contributions to the general state of practice
- h) To advise the Board on current and emerging issues or trends, pertinent to the responsible operation of resource sector dams in Alberta.
- i) To capture and communicate the success stories of ACR members.

2. Accountabilities

The Dam Integrity Committee shall operate in the following manner:

- a. Meet as needed, but at least twice annually

- b. Establish agendas for its meetings, record summary notes of the discussions, and maintain committee documentation in ACR files
- c. Establish ad hoc working groups to deal with specific issues if needed, and monitor progress and deliverables
- d. Co-ordinate as needed with other committees of ACR

3. Governance

- a. The Dam Integrity Committee is accountable to the Board and will report at least annually on its activities. Brief written updates will be provided to the Board or Executive Director upon request.
- b. The Committee has no authority to commit ACR to financial or other obligations.
- c. The Committee has no authority to speak on behalf of ACR. Specifically, all communication with Ministers and/ or Deputy Ministers must occur through the Board or the Executive Director.
- d. The Committee may seek resources from time to time for consulting fees to supplement the efforts of the committee, and may incur administrative costs for conference calls, meeting venues or other support by ACR staff.

4. Composition

The Dam Integrity Committee membership is drawn from the senior technical staff of ACR Member companies. Typically, one committee member is appointed by each Member, unless the company operates distinctly different types of dams. Committee members are encouraged to designate a knowledgeable alternate, who can maintain continuity by attending in place of the committee member if necessary.