



**AWARD OF EXCELLENCE**

> Water Resources

**AWARD OF MERIT**

> Sustainable Design

## Bow River Bioengineering Demonstration and Education Project

**FIRM:** Kerr Wood Leidal Associates Ltd.

**CLIENT / OWNER:** Government of Alberta, City of Calgary

**LOCATION:** Calgary, Alberta

**SUB CONSULTANTS:** Hemmera Envirochem Inc. (an Ausenco Company) Prime Consultant, Terra Erosion Control Ltd., O2 Planning + Design Inc., Thurber Engineering Ltd., Polster Environment Services Ltd.

**CONTRACTORS:** DFH Enterprises Inc.

The Bow River Bioengineering Demonstration and Education Project (BDEP) is a next generation riverbank erosion protection project for Alberta. Borne in response to the 2013 flood, it is the largest initiative under the Southern Alberta Fisheries Habitat Enhancement and Sustainability program and is the largest bioengineering project in Calgary. It elevates the understanding, acceptance and application of bioengineering design by showcasing seven successful common techniques and introducing seven new techniques to expand the bioengineering design toolbox, and by openly sharing project technical documentation, research findings, and performance monitoring results.

