



DANIEL R. BIRCH

Senior Consultant
Consensus Building Institute, Inc.
POB 729, Fruita, CO 81521
Tel (970) 846-4128 | Email dbirch@cbi.org

PROFESSIONAL SUMMARY

Over 30-years' experience in water resources management, project implementation as a water resources manager, project facilitator, and mediator, on an extensive variety of projects and processes, large and small. Proven track record of convening interests and stakeholders and achieving successful results.

EXPERIENCE

2018	Consensus Building Institute <i>Senior Consultant</i>	Fruita, CO
2001-2018	Colorado River Water Conservation District <i>Deputy General Manager</i>	Glenwood Springs, CO
1992-Present	Division 6 Water Court <i>Water Referee</i>	Steamboat Spring, CO
1990-2001	Steamboat Springs Water Utilities <i>Manager</i>	Steamboat Springs, CO
1985-1990	City of Boulder Utilities <i>Project Manager</i>	Boulder, CO

EDUCATION

1989	University of Colorado <i>M.S. Civil Engineering</i>	Denver, CO
1982	University of Colorado <i>B.A. in Geology</i>	Boulder, CO
2006	CDR Associates <i>Certificate of Completion in Mediation</i>	Boulder, CO

SELECTED PROJECTS

Elkhead Reservoir Enlargement. Negotiated over two dozen agreements which created a partnership between the Colorado River Water Conservation District and the Upper Colorado Endangered Species Recovery Program for a \$30M enlargement of Elkhead Reservoir near Craig, Colorado. Water from the enlargement is used to augment water in the Yampa River to support recovery of endangered fish species and for human uses. Parties included the U.S. Bureau of Reclamation, U.S. Fish and Wildlife Service, Colorado Department of Natural Resources, Colorado Water Conservation Board, Colorado State Land Board, City of Craig, and the Yampa Participants, a consortium of power companies owning capacity in the existing reservoir.

Shoshone Hydropower Plant. This plant, in Glenwood Canyon on the Colorado River, has a very large and very senior water right which also has the critically important benefit of providing essential flows for agricultural, environmental, municipal and recreational purposes. Helped lead a diverse and large western slope stakeholder group in negotiations to acquire the water right from an investor-owned electric utility to ensure the water right continues to be used fully.

Yampa River Basin Integrated Water Management Plan. Co-Facilitated a stakeholder engagement to help the Yampa River Basin Roundtable decide whether and how to proceed with an integrated water management plan to address agricultural, environmental, industrial, municipal and recreational water needs.

Compact Water Bank. Co-Led a stakeholder work group examining ways to bank water to prevent and mitigate Colorado River water shortages.

Best Practices for Collaborative Water Decisions. Co-taught two workshops to help those involved with water decision making develop and implement their collaboration skills.

Baggs, Wyoming Flood Irrigator Workshop. Facilitated this workshop aimed at helping resource agencies and NGO's hear from flood irrigators about how they can better help sustain irrigation practices which have important and widespread habitat benefits.

Produced Water Beneficial Use Project. Co-facilitated a stakeholder engagement examining opportunities and impediments to use water produced from oil and gas production in northwestern Colorado.

10825 Water Supply. Led an effort of western slope water users to secure a permanent 10,825 acre-foot supply to support recovery of Colorado River endangered fish species.

Steamboat Springs Utilities Consolidation. Was a co-architect and implementer of a consolidation of the two water and wastewater utilities which serve the community.

Fish Creek Reservoir Enlargement. Successfully negotiated the process of a Forest Service EIS and land use permitting and a Corps of Engineers 404 permit resulting in the enlargement of this reservoir which serves Steamboat Springs.

PUBLICATIONS

A variety of professional journal publications addressing a variety of water resource and utility issues including flood risk, dam safety, water utility rates, biosolids treatment and land application.