

**MINUTES<sup>1</sup>**  
**THIRD REGULAR JOINT QUARTERLY MEETING OF THE**  
**BOARD OF DIRECTORS OF THE**  
**COLORADO RIVER WATER CONSERVATION DISTRICT**  
**AND OF THE COLORADO RIVER WATER CONSERVATION DISTRICT**  
**ACTING BY AND THROUGH ITS COLORADO RIVER WATER PROJECTS ENTERPRISE**

**July 16-17, 2019**

---

Pursuant to notice duly and properly given, the Third Regular Joint Quarterly Meeting of the Board of Directors of the Colorado River Water Conservation District (CRWCD) and of the Colorado River Water Conservation District acting by and through its Colorado River Water Projects Enterprise was held on Tuesday and Wednesday July 16-17, 2019 at the offices of the Colorado River Water Conservation District, 201 Centennial Street, Glenwood Springs, Colorado.

---

**Directors present during all or part of the meeting:**

David H. Merritt, President	Martha Whitmore, Vice President
Mike Ritschard	Steve Acquafresca
William S. Trampe	Tom Gray
Tom Alvey	Karn Stiegelmeier
Doug Monger	Alden Vanden Brink
Kathy Chandler-Henry	Rebie Hazard
Marc Catlin	John Ely

**Directors not present during the meeting:**

Stan Whinnery

**Others present during all or part of the meeting:**

Andy Mueller, General Manager, CRWCD  
Peter Fleming, General Counsel, CRWCD  
John Currier, Chief Engineer, CRWCD  
Chris Treese, Manager, External Affairs, CRWCD  
Audrey Turner, Administrative Chief, CRWCD  
Jason Turner, Senior Counsel, CRWCD  
Ray Tenney, Deputy Chief Engineer, CRWCD  
Ian Philips, Chief Accountant, CRWCD  
Jim Pokrandt, Director, Community Affairs, CRWCD  
Zane Kessler, Communications Director, CRWCD  
Laurie DePaolo, Executive Assistant, CRWCD  
Dave Kanzer, Deputy Chief Engineer, CRWCD  
Don Meyer, Sr. Water Resources Engineer, CRWCD  
Mike Eytel, Sr. Water Resources Specialist, CRWCD  
Hunter Causey, Water Resources Engineer, CRWCD  
Sonja Chavez, Water Resources Specialist, CRWCD  
Alesha Frederick, Business Support Specialist, CRWCD  
Luci Wilson, Accountant, CRWCD  
Dan Cudahy, McMahan & Associates, LLC  
Erin Light, Division 6 Engineer  
Torie Jarvis, NWCCOG Water Quality/Quantity Committee  
Frank Kugel, Upper Gunnison Water Conservancy District

---

<sup>1</sup>An audio recording has been made of the meeting. The motions described herein may not necessarily represent a verbatim transcription. The audio recordings are available for listening at the CRWCD offices during regular office hours. These minutes are the official record of the Colorado River Water Conservation District's meeting.

Orla Bannan, Western Water Advocates  
Kyle Whitaker, Northern Colorado Water Conservancy District  
Jim Plumhoff, Uncompahgre Valley Water Users Association  
Ashley Moffat, Resource Engineering  
Maria Pastore, Colorado Springs Utilities  
Diane Johnson, Eagle River Water & Sanitation District  
Mark Harris, Grand Valley Water Users Association  
Gayle Berry, G. Berry Corp, (via phone)  
Matt Becker, Colorado Legislative Counsel's Office  
Art Martin, Upper Snowmass Creek Caucus

**Quorum.**

President Merritt found a quorum and called the meeting to order at 9:02 a.m.

**Review Meeting Agenda and Objectives.**

Peter Fleming requested the addition of Eagle River Water Marketing Supply as agenda item 12.d. Director Monger moved, seconded by Director Ely, to approve the agenda as amended. Motion carried unanimously.

**Consent Agenda.**

Director Acquafresca moved, seconded by Director Ritschard, to approve the following consent agenda as presented. Motion carried unanimously.

Approval of Minutes and Actions Taken:

- i. Minutes of Fourth Regular Joint Quarterly Meeting, October 16- 17, 2018.
  - ii. Minutes of First Regular Joint Quarterly Meeting, January 15-16, 2019.
  - iii. Minutes of Information and Outreach Committee Meeting, January 15, 2019.
  - iv. Minutes of Special Joint Meeting, Teleconference, February 7, 2019.
  - v. Minutes of Special Joint Meeting/Fiscal Workshop, February 15, 2019.
  - vi. Minutes of Special Joint Meeting, Teleconference, March 7, 2019.
  - vii. Minutes of Special Joint Meeting, Teleconference, March 21, 2019.
  - viii. Minutes of Special Joint Meeting, Teleconference, April 4, 2019.
  - ix. Minutes of Second Regular Joint Quarterly Meeting, April 16-17, 2019.
  - x. Minutes of Special Joint Meeting, Teleconference, April 25, 2019.
- b. Acceptance of Treasurer's Reports and Check Registers for General, Capital Projects and Enterprise Funds for March and April 2019.

**General Counsel's Report – Executive Session.**

Peter Fleming reported that the following matters qualify for discussion in Executive Session pursuant to C.R.S. §§ 24-6-402(4)(b)(legal advice) and (e)(negotiations).

- i. Colorado River Cooperative Agreement (CRCA) Implementation Matters.
- ii. Petition to Adjudicate the Green Mountain Reservoir Administrative Protocol, Blue River Decree Consolidated Cases, and Case No. 13CW3077, Water Division 5.
- iii. Colorado River District and Town of Gypsum's Application for Finding of Reasonable Diligence for Wolcott Reservoir, Case No. 18CW3160, Water Division 5.
- iv. Colorado River District Conditional Water Rights. (An Enterprise and General Matter).
- v. Application of the City of Glenwood Springs for Recreational In- Channel Diversion, Case No. 13CW3109, Water Division 5.
- vi. Instream Flows and Pre-Existing Uses, C.R.S. Section 37-92-102(3)(b).
- vii. Wolford Mountain Reservoir – Denver Water Lease Agreement. (An Enterprise Matter).
- viii. Colorado River Compact, Interstate, International, and Intrastate Negotiation Matters, including Demand Management.

Director Stiegelmeier moved, seconded by Director Ely, to proceed into Executive Session pursuant to C.R.S. §§ 24-6-402(4)(b)(legal advice) and (e)(negotiations). Motion carried unanimously.

Peter Fleming stated that no further record of the Executive Session need be kept based on his opinion that the discussion will constitute privileged attorney-client communications.

*President Merritt reconvened into Public Session at 11:45 a.m.*

**Financial Matters.**

**Presentation of 2018 Audit by Dan Cudahy with McMahan & Associates, LLC:**

Representing the River District's auditor for calendar year 2018, Dan Cudahy reported that in their opinion, the financial statements present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund and aggregate remaining fund information of the Colorado River Water Conservation District as of December 31, 2018. He also stated that the respective changes in financial position and cash flows were acceptable for the year and conform to generally accepted accounting principles. The audit report will be made available on the District's web page.

**Acceptance of 2018 CRWCD Audit:**

Director Monger moved, seconded by Director Trampe, to accept the 2018 CRWCD audit as presented. Motion carried unanimously.

**Public Comments.**

No comments were received.

**General Counsel's Report – Public Session.**

Peter Fleming reported that during Executive Session, the Board provided guidance to staff and General Counsel on the following matters:

- i. CRCA Implementation Matters.
- ii. Petition to Adjudicate the Green Mountain Reservoir Administrative Protocol, Blue River Decree Consolidated Cases, and Case No. 13CW3077, Water Division 5.
- iii. Colorado River District and Town of Gypsum's Application for Finding of Reasonable Diligence for Wolcott Reservoir, Case No. 18CW3160, Water Division 5.
- iv. Colorado River District Conditional Water Rights. (An Enterprise and General Matter).
- v. Application of the City of Glenwood Springs for Recreational In- Channel Diversion, Case No. 13CW3109, Water Division 5.
- vi. Instream Flows and Pre-Existing Uses, C.R.S. Section 37-92-102(3)(b).
- vii. Wolford Mountain Reservoir – Denver Water Lease Agreement. (An Enterprise Matter).
- viii. Colorado River Compact, Interstate, International, and Intrastate Negotiation Matters, including Demand Management.

Director Whitmore moved, seconded by Director Trampe, to include the following language in a proposed decree to be submitted in Case No. 18CW3160, Water Division 5 for the Wolcott Reservoir Project: "Wolcott Pumping Pipeline can be used for supplying water for storage in the Wolcott Reservoir for municipal, industrial, domestic, irrigation, stock watering, electric power generation, fish and wildlife and recreational purposes. Once stored in Wolcott Reservoir the water may be used directly for those purposes or it may be used for those purposes by augmentation, replacement and/or exchange as well as for uses that facilitate compliance with interstate compacts, in accordance with applicable law. Nothing herein should be construed as a limitation on the River District's ability or the ability of any of its successors in interest from using its water right to the fullest for beneficial uses to the extent permitted by Colorado law, including changing all or any portion of the conditional water rights in accordance with Colorado law." Motion carried unanimously.

Director Alvey moved, seconded by Director Acquafresca, to confirm the Board's intent to maintain the remaining conditional water rights decreed for the Elkhead Creek Reservoir Enlargement (Second) and the Elkhead Creek Reservoir Enlargement Power Right originally decreed in Case No. 02CW106, Water Division 6, and direct staff to take the steps necessary to complete the appropriation in a reasonably expedient and efficient manner, consistent with Colorado law, and to direct staff and counsel to file an application seeking a finding of reasonable diligence by the end of September 2019 and for the remaining conditional portion of the Elkhead Creek Reservoir Enlargement (Second) and the Elkhead Creek Reservoir Enlargement Power Right originally decreed in Case No. 02CW106, Water Division 6. Motion carried unanimously.

Director Trampe moved, seconded by Director Alvey, to authorize counsel and staff to execute an agreement with the Upper Eagle Regional Water Authority, the Eagle River Water & Sanitation District, and Denver Water to extend the deadline for entering into a joint use project agreement regarding the Eagle-Piney water right to a date of 2025. Motion carried unanimously.

Director Chandler-Henry moved, seconded by Director Hazard, to authorize counsel to enter into a stipulation with the City of Glenwood Springs in Case No. 13CW3109, Water Division 5, that recognizes a subset of "New Water Rights" that is not subject to measuring and reporting requirements and those new water rights be limited in volumetric amount with a flow rate of no more than 1.25 cfs and a total of 150 acre-feet per year. Motion carried unanimously.

Director Catlin moved, seconded by Director Ritschard, to delegate to the Board's Litigation Committee the retention of special counsel as discussed and recommended by general counsel. Motion carried unanimously.

Director Acquafresca moved, seconded by Director Ely, to ratify a statement of opposition in the Application of Roaring Fork Properties, LLC, and South Canyon Ranch, LLC, Case No 19CW3042, Water Division 5. Motion carried unanimously. (An Enterprise Matter).

Peter Fleming referred the Board to general counsel's goals and objectives and invited comments or questions from the Board.

#### **Discussion with Water Division 6 Engineer Erin Light.**

Erin Light recounted water conditions in 2018 and noted that little rain and high temperatures in the Yampa River Basin resulted in the Yampa River being placed under administration for the first time. Conditions have improved significantly in 2019.

#### **General Manager's Report.**

##### **Risk Study Phase III and West Slope Basin Roundtables Meeting:**

John Currier presented a summary of Phase III of the Risk Study being conducted by John Carron of Hydros Consulting. Phase III modeling indicates that: 1) the likelihood of Lake Powell dropping below 3,525' (minimum power) is less than 39% in the next 25 years. 2) The likelihood of the 10-year running average Lee Ferry volume dropping below 82.5 maf is less than 46%; and, 3) the likelihood of the 10-year running average Lee Ferry volume dropping below 75.0 maf is 0%. It was also noted that an increase in annual Upper Basin consumptive use averaging 11.5% roughly doubles the risk of 1. and 2. Sub-basin impacts of a compact curtailment were also examined as well as the impact of a 500,000 acre-foot demand management pool in Lake Powell that could only be used for compact compliance purposes.

##### **Drought Contingency Planning and Demand Management Update:**

Andy Mueller reported that the River District has received a proposed non-disclosure agreement created by CWCB staff and staff from the Attorney General's Office pertaining to the demand management workgroups being formed by the CWCB to assist in the development of a demand management plan. River

District staff members have been assigned to several of the workgroups. Mr. Mueller noted that the proposed agreement would prohibit workgroup participants from communicating with their boards and constituents about workgroup discussions, and appears to be contradictory to the River District Board's preference for an open and transparent public policy discussion on demand management. Also included in the proposed agreement is the caveat that any public discussion of workgroup meetings would be limited to what would be included in a public statement issued by the CWCB after a workgroup meeting. Mr. Mueller then requested Board discussion and direction on staff participation in the workgroups.

Comments and concerns expressed by the Board included the lack of representation of the White River Basin and West Slope agriculture on any committee, the question of other interests or basins not being represented, and the disadvantages governmental agencies could encounter if their representatives couldn't report on committee discussions to their boards in a public meeting (according to the proposed non-disclosure agreement) in the event those discussions did not qualify for executive session as defined by open meetings laws for public entities. It was also observed that the Board had previously declared its support for an open, transparent, and public process for the creation of a demand management program at its October 16-17, 2018 quarterly meeting.

Director Ely moved, seconded by Director Whitmore, to direct staff to inquire of the Colorado Water Conservation Board during its July 2019 meeting, as to its justification and reasons for establishing a series of committees to assist in demand management planning and then placing restrictions on public communication or observation of those meetings, and to relay that the River District Board finds it highly irregular, and River District participation in the committees is subject to further clarification of those restrictions. Motion carried unanimously.

**Approval of Contract Amendment with Hydros Consulting, re: Upper Basin Compact/Contingency Planning, and Approval of Continuing Services Agreement with Hydros Consulting:**

Director Monger moved, seconded by Director Gray, to approve a final contract amendment in an amount not to exceed \$11,784.03 with Hydros Consulting, Inc. for a total amount of \$581,784.03. Motion carried unanimously.

Director Alvey moved, seconded by Director Acquafresca, to approve a new continuing services agreement with Hydros Consulting, Inc. in an amount not to exceed \$100,000 for modeling work related to preparation for the Interim Guidelines negotiations, including potential work directed by River District staff on behalf of the Upper Colorado River Commission. Motion carried unanimously.

**Colorado River Basin Hydrology:**

Dave Kanzer and Don Meyer reported that water supply conditions in the Colorado River Basin have improved significantly in 2019. Water supplies throughout the state have also improved and inflow to Lake Powell is projected to be 148% of average.

**Service Anniversary Recognition:**

Andy Mueller expressed the River District's appreciation to Laurie DePaolo for her 20 years of service to the River District.

**Annual Policy Discussion.**

**Instream Flows:**

Torie Jarvis provided a summary of a study commissioned by the Q/Q Committee of the Northwest Colorado Council of Governments examining the relationship between water and the economies in the headwaters counties of the western slope. Water related recreational activities and tourism fuel large portions of the headwaters counties economies and are non-consumptive uses. Ms. Jarvis highlighted the importance of protecting instream flows in the region.

Chris Treese referred the Board to a draft of the River District's Instream Flows Policy containing changes made by the Board during its April 2019 quarterly meeting. Extensive discussion led to staff being directed to present another draft policy with further changes at the October 2019 quarterly meeting.

**Water Quality:**

Director Alvey moved, seconded by Director Whitmore, to adopt the River District's Water Quality Policy as presented. Motion carried unanimously. (The Policy is attached as Appendix A.).

*President Merritt recessed the meeting at 5:17 p.m.*

*Wednesday July 17, 2019*

*President Merritt found a quorum and reconvened the meeting at 8:30 a.m.*

**General Manager's Report – (Cont'd.)**

**Proposed Modifications to Personnel Policy:**

Director Alvey moved, seconded by Director Trampe, to approve the proposed modifications to the Personnel Policy as presented. Motion carried unanimously.

**Discussion of Triennial Salary Survey:**

Andy Mueller reviewed staff recommendations in response to Board concerns and suggestions raised during the October 2018 salary survey presentation. In contracting for the next survey in 2021, staff will explore the possibility of incorporating some of those suggestions into the survey methodology with the next consultant.

**Discussion of River District Long Term Financial Health:**

Mr. Mueller reported that staff is continuing to examine options for resolving long term financial issues that the River District may encounter.

**Update on Pilot Rock Ditch, Delta County:**

It was reported that repairs have been completed on a section of the Pilot Rock Ditch that failed in April 2019 in Delta County. In response to a request for emergency financial assistance and direction from this Board at their April meeting, the River District provided \$20,000 toward the repairs.

**Battle Creek Reservoir PL566 Grant Application of the Savery-Little Snake Water Conservancy District (Wyoming) and the Pothook Water Conservancy District (Colorado):**

John Currier reported that staff is assisting proponents of the proposed West Fork Reservoir with a PL566 grant application for the NRCS. The reservoir would benefit both Wyoming and Colorado water users.

**Water Bank Work Group Update:**

Andy Mueller referred the Board to a memo from Sonja Chavez updating the workgroup's latest activities including the selection of BBC Consulting to conduct a study of economic impacts associated with a potential Upper Basin demand management program.

**Approval of Contract Amendment with Harvey Economics, re: Grand River Water Clarity:**

Director Ritschard moved, seconded by Director Whitmore, to approve a contract amendment in an amount not to exceed \$25,000 with Harvey Economics for economic analysis of power generation impacts related to the alternatives being considered for the Three Lakes System NEPA analysis. Motion carried unanimously.

**Yampa Integrated Water Management Plan Contracting Authorization. (An Enterprise and General Matter):**

Director Vanden Brink moved, seconded by Director Monger, to authorize the General Manager to execute contracts, subject to review and approval by counsel, associated with the Yampa Integrated Water Management Plan under the River District's fiscal agency status, not to exceed \$150,000 per contract or

---

\$425,000 cumulatively, contingent upon receipt of a Colorado Water Conservation Board grant. Motion carried unanimously. The River District's Enterprise will be receiving a 10% management fee.

**Mid-Year Review of General Manager's 2019 Goals and Objectives:**

Andy Mueller referred the Board to the general manager's goals and objectives and invited comments or questions from the Board.

**Directors' Basin Updates and/or Concerns.**

Director Acquafresca noted that parties tasked with examining funding mechanisms for demand management appear to be focused only on tax increases or new taxes.

Director Vanden Brink reported on activities within the White River Basin including the ongoing study to determine the cause of algal growth in the river, and the initiation of the White River Programmatic Biological Opinion process.

**External Affairs.**

**Information and Outreach Update:**

Jim Pokrandt reported that 11 State of the River meetings were held throughout the River District, and the annual water seminar will be held on Wednesday September 18 at Colorado Mesa University. It was also reported that new videos are being created, the District's logo is being redesigned, and steps are being taken to expand the District's social media platform.

**State Affairs:**

Zane Kessler reported that the Water Resources Review Committee will be discussing the state's instream flow program in August and Colorado River Compact issues in September. Staff will be participating in that discussion.

**Federal Affairs:**

Chris Treese reported that it was recently announced that the Bureau of Land Management headquarters will be moving to Grand Junction. Mr. Treese also announced his retirement after a 28-year career at the River District. The Board expressed its appreciation to Mr. Treese for his exemplary service to the District.

**Lower Gunnison Project Update.**

Dave Kanzer and Sonja Chavez reported that four projects in the Lower Gunnison Project (LGP) have been successfully completed. Those projects are the Fire Mountain Canal Improvement Project, the Uncompahgre Valley Water Users Association Phase 9 East Side Laterals Piping Project, the Bostwick Park Water Conservancy West Lateral Phase I Piping Project, and the Needle Rock Ditch Headgate Improvement Project. The goals of the LGP on-farm and off-farm projects are to increase water use efficiency, and reduce the amount of selenium and salt entering the river as a result of deep percolation in irrigated farm ground.

**Project Operations and Updates: (Enterprise Matters).**

**Concessionaire Contract Approval:**

Director Ritschard moved, seconded by Director Trampe, to authorize staff to enter into a three year agreement with Pass Creek Investments to act as the concessionaire for the Wolford Mountain Reservoir recreation area and marina, subject to approval by the General Manager and General Counsel, consistent with the fee structure, revenue split, and additional terms discussed at the January 2019 first regular joint quarterly meeting. Motion carried unanimously.

---

**Eagle River Water Marketing Supply:**

Director Alvey moved, seconded by Director Trampe, to approve an amendment to the water marketing policy to allow staff to enter into one-year water marketing contracts for Eagle River water for up to 50 acre-feet per contracting entity. Motion carried unanimously.

**Ritschard Dam Work Update:**

Ray Tenney reported that the main gate at Wolford Mountain Reservoir has been replaced and is functioning well and other repairs are moving forward including replacing the bottom seal on the guard gate, replacing a 30 inch butterfly valve, and remediating a leakage issue with a 96 inch butterfly valve.

**Eagle River MOU Update:**

John Currier referred the Board to a memo updating the Eagle River MOU partners activities most of which have been process oriented.

**Future Meetings.**

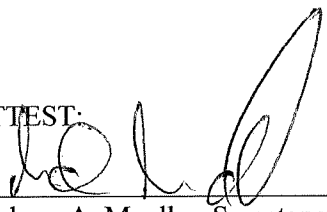
- a. CRWCD Annual Seminar, **September 18, 2019, Colorado Mesa University.**
- b. CRWCD 2020 Budget Workshop, **September 19, 2019, Grand Junction, CO.**
- c. Fourth Regular Joint Quarterly Meeting, **October 15-16, 2019, Glenwood Springs, O.**
- d. Other Meetings:
  - i. CWC Summer Convention, **August 20-22, 2019, Steamboat Springs, CO.**
  - ii. Tour of Northern Water Conservancy District West and East Slope C-BT Project Components, **August 29, 2019: RSVP to Luci Wilson by July 31, 2019.**
  - iii. Statewide Basin Roundtable Summit, **September 25-26, 2019, Winter Park, CO.**
  - iv. CRWUA Convention, **December 11-13, 2019, Las Vegas, NV.**

**Adjourn.**

There being no more business before the Board, Vice President Whitmore adjourned the meeting at 11:33 a.m.


  
\_\_\_\_\_  
David H. Merritt, President

ATTEST:

  
\_\_\_\_\_  
Andrew A. Mueller, Secretary/General Manager

*Executive Session Attestations.*

*I hereby attest that the portions of the Executive Session that were not recorded constituted privileged attorney-client communications.*

  
\_\_\_\_\_  
Peter Fleming, General Counsel



Adopted, April 19, 2016  
Revised, Adopted, July 16, 2019

## **Water Quality**

### **Colorado River Water Conservation District Policy Statement:**

**The Colorado River District's primary objective with respect to water quality is to protect the ability of its constituents to use water beneficially now and in the future. To this end, the River District supports the following:**

- 1. The River District will advocate for and may participate in the prevention or mitigation of those activities that adversely impact water quality whenever existing or future beneficial water uses, the ecological health of rivers and streams, public health or local economies dependent on certain water quality may be threatened.**
- 2. Water quality negotiations, classifications and enforcement decisions should be based on sound scientific data and methodologies and should not impose unreasonable financial burdens or operational constraints of historical water users.**
- 3. The River District will participate in administrative and legislative efforts to clarify the scope of the Clean Water Act (CWA) through rulemaking and legislation defining Waters of the U.S. (WOTUS) and its implementation.**
- 4. The River District will generally support legislative and regulatory measures that provide and protect water quality it deems reasonable and necessary to support and protect the present and future economy and quality of life in the region.**
- 5. The River District will oppose any mandatory, nonpoint source regulation for farming and ranching activities but will encourage the voluntary implementation of reasonable best management practices and programs. The River District will advocate for incentives for non-point pollution prevention and clean-up efforts and funding for those efforts.**
- 6. Any new or substantially amended regulations should be implemented with sufficient resources allocated to the affected enforcement authorities, water users and land owners.**

### **Background & Discussion:**

The Colorado River District is committed to meeting the present and future water needs of its residents. The River District recognizes that water quality and water quantity are often inseparable. Water quality can be an important factor in the ability of the Colorado River District's residents to beneficially use water.

The tension between water quality and water quantity is long and varied. The inter-relationship between the two is better recognized and accepted today. There is a causative link between the

amount of stream flow present and the water quality of the stream. Water diversions inevitably have some impact on water quality. This impact may not be measurable or significant to either water users or to the environment. However, in the case of transmountain diversions, they can have major, adverse consequences.

Water quality regulation is largely driven by federal statutes and regulations, principally the Clean Water Act and regulations promulgated under this Act. The scope of the Act is largely determined by interpretation of the term "Waters of the United States." Recent and current efforts to administratively define and re-define WOTUS and guide its implementation have resulted in increased uncertainty. The River District believes Congress has the ultimate responsibility for clarifying WOTUS and other key terms of the CWA. Additionally, new programs, regulatory requirements and judicial interpretations must be adopted with appropriations sufficient for implementation.

In Colorado, responsibility for water quality protection is almost exclusively vested in the Colorado Water Quality Control Commission and Division within the Colorado Department of Public Health and the Environment. In contrast, responsibility for water quantity allocation and administration is generally vested with the Water Courts and the Colorado Department of Natural Resources. As integration between water quantity and water quality evolves, local governments should have a role in the monitoring, management and enforcement of water quality programs. Local governments' role, however, should be voluntary, based on the needs and resources of the community and not mandated.

As growth in Colorado continues, as consumptive water uses continue to be developed, and as drought cycles continue to occur, water quality will be an ever-growing issue for Colorado water managers.