

**OWNERS' GUIDE TO DAM SAFETY,  
OPERATION & MAINTENANCE**

**Pre-convention Workshop  
Wednesday, February 18  
9 a.m. - 5 p.m.**

**Where:** Pueblo Convention Center

**Lunch will be provided.**

Owners' Guide to Dam Safety and Maintenance is the pre-convention workshop before the 7th Annual Ditch and Reservoir Alliance Convention in Pueblo, Colorado, February 19-20, 2009.

This pre-convention workshop will identify the importance of dam maintenance and monitoring by briefly discussing past dam failures in Colorado and the USA.

This class will discuss often neglected maintenance items that can often lead to costly repairs as well as new maintenance concerns such as the zebra mussel. Standard dam monitoring equipment items such as toe drains, monuments, and piezometers will be discussed in regards to their maintenance and the importance of proper record keeping. The course will explain the State Engineers Office role in the permitting process for new dams and modifications/repairs to existing dams, annual inspections, and overall dam safety. Learn what to expect during a typical dam safety inspection and what the consequences of a fill restriction can be as well as what can be done regarding dam security. We will also briefly touch on the requirements and content of emergency action plans and crisis management.

Learn how to proceed with the enlargement/rehabilitation of an existing dam and what some of the typical barriers are to these types of projects such as threatened and endangered species, Clean Water Act regulations and wetlands/fens. Learn what will be required for submittal to the State Engineers Office to obtain a permit and what funding sources and help may be available of these types of projects.

Lastly we will discuss other liability issues related to operating a reservoir such as the pros and cons of reservoir leases, insurance, and how encroachment and development can affect a reservoir.

DARCA board member, Craig Ullmann, with Applegate Group Inc. will moderate the course and lead some of the discussion topics. Other presenters will include a member of the Dam Safety branch of the State Engineers Office, and various other professionals.

**Convention Day One  
Thursday, February 19**

Welcome!

*Focus On.* **Laying the Groundwork—Is it a Problem or an Opportunity**

- 8:00 a.m. **Registration and Breakfast** — Continental breakfast.
- 9:00 a.m. **Welcome**  
Phil Bertrand, Superintendent of the Grand Valley Irrigation Company and President of DARCA
- 9:15 a.m. **Opening Keynote - Anticipated Ag to Urban Water Transfers and Urbanization of Ag Lands in Colorado: How Can We Deal with the Challenge?**  
Don Ament, Former Colorado Commissioner of Agriculture
- 10:15 a.m. **Networking and Exhibits - Enjoy Refreshments & Snacks.**
- 10:45 a.m. **The Crowley County Buy and Dry Experience**  
Ken Weber, Anthropologist  
Matt Heimerich, Crowley County Commissioner
- 11:15 a.m. **Facilitated Dialogue of Ditch Company Shareholders/Stakeholders: What are the Pros and Cons of Ag to Urban Water Transfers?**  
  - ◆MaryLou Smith, Facilitator, Aqua Engineering, Inc. & Shareholder in LoudenDitch, Ft. Collins
  - ◆Carol Werner, Attorney; Shareholder in Tetsel Mutual Ditch Company, Merino
  - ◆Dan Henrichs, Superintendent of the High Line Canal Co., Rocky Ford
  - ◆Bruce Johnson, Real Estate Broker & Shareholder in the New Cache La Poudre, Greeley
  - ◆Lelyn Larson, Farmer, Rancher & Shareholder in the New Cache La Poudre, Gill

- 12:00 a.m. **Lunch & Speaker**  
**150 years of Ditches, Boulder's Constructed Landscape**  
Elizabeth Black, Artist and Show Organizer, "The Ditches of Boulder"

*Focus On.* **What's Happening in Colorado**

- 1:00 p.m. **Transfer Mechanisms for Alternatives to Buy-and-Dry**  
John Wiener, Institute of Behavioral Science, University of Colorado
- 1:45 p.m. **State of Colorado's Efforts to Facilitate Alternatives to Buy and Dry**  
Todd Doherty, Intrastate Water Management and Development Section, CWCB
- 2:15 p.m. **Arkansas Basin Water Transfer Guidelines Committee**  
Reeves Brown, Rancher and guidelines committee member
- 2:45 p.m. **Networking and Exhibits.—Enjoy Refreshments & Snacks.**
- 3:15 p.m. **City of Greeley - Leasebacks to Buy and Dry, Challenges for the Region**  
Sean Cronin, Water Resources Manager, City of Greeley
- 3:45 p.m. **The Super Ditch in the Arkansas Valley**  
Dale Mauch, Board member of the Super Ditch
- 4:15 p.m. **Practical Alternatives to Ag Water Transfers in the South Platte to Preserve Irrigated Agriculture**  
Mark Sponsler, Executive Director, Colorado Corn Growers Association, Member, Colorado Agricultural Water Alliance
- 4:45 p.m. **Input/Feedback - What do you think about what you have heard today?**
- 6:00 p.m. **Happy Hour**
- 7:00 p.m. **Dinner & Speaker**  
**Changing Hydrologic Conditions & Their Impact on River Flows**  
Robert Longenbaugh, Retired Water Engineer

**Convention Day Two  
Friday, February 20**

- 8:00 a.m. **Breakfast with the Board**  
*Join us for "Breakfast with the Board" to help plan DARCA's future!*
- 8:30 a.m. **DARCA Annual Board Meeting**  
Election of board members and other DARCA business.  
If you would like to become more involved with DARCA, please consider running for a position on the Board of Directors.
- Focus On.* **Legal and Institutional Issues**
- 9:00 a.m. **How Drought Has Shaped Colorado Water Law**  
Justice Greg Hobbs, Colorado Supreme Court
- 10:00 a.m. **Networking and Exhibits.—Enjoy Refreshments & Snacks.**
- 10:30 a.m. **The Merits of Regional Water Transfer Frameworks**  
Peter Nichols, Esq. Trout, Raley, Montañño, Witwer & Freeman, P.C., General Counsel of the Super Ditch
- 11:15 a.m. **Wrap Up: As a ditch company shareholder, what's your take on ag water transfers? Is it a problem or an opportunity? What are the impediments? How do you see your ditch company dealing with the challenge?**  
Facilitated dialogue with participants
- 12:00 a.m. **Convention Ends.**  
  
**Lunch is on your own.**  
**Please enjoy one of Pueblo's fine restaurants.**

**\* A Prosperous 2009 Water Year To All \***

**DARCA Thanks It's 2009 Convention Sponsors**

\* Applegate Group, Inc. \*

\* Colorado Water Conservation Board \*

\* Hix Insurance Associates, Inc. \*

\* Leonard Rice Engineers, Inc. \*

\* TruePoint Solutions \*

\* URS Corporation \*

**Official Notice of Annual Meeting**  
The Annual Meeting of the Ditch and Reservoir Company Alliance will be in Pueblo, on **Friday, February 20 2009 at 8:30 A.M.** Please join us for breakfast. We will elect board members and conduct other DARCA business. Your input is important. Some items to consider:

- Workshop topics and locations for 2009-2010
- 2010 DARCA Convention theme and location
- DARCA Ditch Company Handbook topics and authors
- DARCA partnerships with universities in Colorado
- DARCA fundraising efforts
- DARCA outreach
- Other...

**Request for Board Member Nominations**  
DARCA has board member terms expiring at our Annual Meeting. We're soliciting your involvement in DARCA and invite you to submit names of qualified individuals who might choose to help lead DARCA. Yes, you can nominate yourself. We strive to maintain diversity on our board of directors—not only geographic diversity, but also in respect to large and small irrigation districts, superintendents, managers and professionals in related disciplines. Our board meets several times a year and board members may attend via telephone conference. We meet face-to-face during our annual raft trip down the Arkansas River lead by Mannie Colon, DARCA's Vice President.



Please register and book your room early.

**DARCA 7th Annual Convention  
February 18-20, 2009  
Pueblo, Colorado**

Name \_\_\_\_\_  
 Company/Organization \_\_\_\_\_  
 Address \_\_\_\_\_  
 City, State, Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_  
 Email \_\_\_\_\_

Early Bird DARCA/CWC Member Registration by Jan 20.....	\$100
Early Bird non-members by Jan 20.....	\$200
Partial Scholarships for Students.....	contact John McKenzie
Regular DARCA/CWC Member Registration.....	\$125
Regular non-member Registration.....	\$225
Dam Owners Pre-Convention Workshop DARCA/CWC Member .....	\$100
(If you are registered for the Convention, please subtract \$25 from the workshop price.)	
Dam Owners Pre-Convention Workshop non-member.....	\$200
(If you are registered for the Convention, please subtract \$25 from the workshop price.)	

*Payment Information*

Check enclosed for full amount (payable to DARCA)  
 Credit Card: Card Number \_\_\_\_\_  
 Credit Card Total \$ \_\_\_\_\_ Type of Card: MC VISA  
 Expiration Date \_\_\_\_\_ Signature \_\_\_\_\_

*Register Today* By Phone: (970) 412-1960

**By Mail:**   
 DARCA  
 1630A 30th St., #431  
 Boulder, CO 80301

**By Fax:**  
 303-516-1202

**Or, on the Web:**  
 www.darca.org



*Convention Location*

Both the pre-convention workshop and the 7th Annual DARCA Convention will be held at the Pueblo Convention Center, 320 Central Main St. , Pueblo, CO 81003  
Tel: (719) 542-1100

**Interested in carpooling? It is a great way to share stories and make friends.** Please make good use of the DARCA listserv at darca@googlegroups.com.

*Overnight Accommodations*

- **Special room rates have been contracted with the Pueblo Marriott.**
- **The Marriott adjoins the Pueblo Convention Center and borders the Riverwalk**
- **Rates are \$99 plus tax.**
- **Please ask for the DARCA convention rate.**

*For more* information: visit www.darca.org or contact DARCA at (970) 412-1960 or at: john.mckenzie@darca.org

*Sponsorship & Vendor Opportunities:* Introduce your product or organization to the DARCA membership by becoming a sponsor or exhibitor. We have several options for your consideration. For details, visit our website at www.darca.org or contact us.

See You in Pueblo, February, 2009 at the DARCA Convention!

**DARCA is the definitive resource for networking, information exchange, and advocacy among mutual ditch and reservoir companies, irrigation districts, incorporated laterals, and private ditches.**



# Ag to Urban Transfers of Water: Can Ditch Companies Come Out Ahead?

## 7th Annual DARCA Convention

**February 18-20, 2009  
Pueblo Convention Center  
Pueblo, Colorado**



**Ditch and Reservoir Company Alliance**