

Conference  
Highlights

Classes in Water  
Wastewater  
Distribution  
Collection  
Management

FOODS  
PRIZES

Comradery  
Networking  
Industry Exhibits  
Training Units

Great times ahead!



### TRAINING UNITS

**\* WATER TRACK:**

W 2.5, WW 2.05, I 2.05, D 1.95, C 1.95, S 0.35

**\* WASTEWATER TRACK:**

W 1.65, WW 2.50, I 2.50, D 1.65, C 1.65, S 0.35

**\* ADVANCED WATER TRACK:**

W 2.45, WW 2.25, I 2.25, D 2.25, C 2.05, S 0.35

**\* ADVANCED WASTEWATER TRACK:**

W 2.05, WW 2.45, I 2.45, D 2.05, C 2.05, S 0.35

**\* DISTRIBUTION TRACK:**

W 1.75, WW 1.75, I 1.75, D 2.50, C 1.75, S 0.35

**\* COLLECTION TRACK:**

W 1.85, WW 1.85, I 1.85, D 1.85, C 2.50, S 0.35

**\* MANAGEMENT TRACK:**

S 1.15

\* Total training units will depend on classes attended.

- All classes are subject to change. Finalized agenda will be mailed by January 10th.

### PRICING INFORMATION

**FULL REGISTRATION**

\$195.00 Members    \$285.00 Non-Members

**ONE DAY REGISTRATION**

\$95.00 Members    \$170.00 Non-Members

**\$20.00 Discount if you register prior to January 15, 2010.**

**EXTRA LUNCH TICKETS**

\$22.50 each for Members/Non-Members

**EXTRA BANQUET TICKETS**

\$45.00 each for Members/Non-Members

**Complete the enclosed registration and fax to CRWA at 719-545-6788.**

PRSRT STD.  
U S POSTAGE  
PAID  
Pueblo, CO  
PERMIT NO.38

COLORADO RURAL WATER ASSOCIATION  
176 W. Palmer Lake Drive  
Pueblo West, Colorado 81007

RETURN SERVICE REQUESTED

## COLORADO RURAL WATER ASSOCIATION'S

# 29th Annual Conference and Exhibition

**February 15 -18, 2010**  
**Crowne Plaza Hotel**  
**2886 S. Circle Drive**  
**Colorado Springs, CO**



**CROWNE PLAZA**  
HOTELS & RESORTS  
THE PLACE TO MEET.

For Reservations Call 719-576-5900



# Colorado Rural Water Association

## Monday, February 15, 2010

10:00 am - 5:00 pm Vendor Registration & Set-up  
 11:00 am - 5:00 pm Conference Registration

### PRE-CONFERENCE CLASSES:

#### OPERATIONS

1:00 - 5:00 pm Operator Math Classes-  
 Water, Wastewater, Distribution/Collection, and  
 Basic Math

#### MANAGEMENT

1:00 - 5:00 pm Excel Workshop - Using Excel for Management &  
 Recordkeeping  
 6:30 - 8:00 pm **Study Hall Available**

## Tuesday, February 16, 2010

7:30 am - 5:00 pm Conference Registration  
 8:00 - 9:00 am Exhibit Hall Opens with the Vendor Sponsored  
 Meet & Greet Breakfast Buffet  
 9:30 - 11:30 am Opening Session with Invited State Officials  
 Summit Ballroom  
 11:30 am - 1:30 pm WWFOCB Meeting - Summit Ballroom  
 12:00 - 1:00 pm **Lunch served in Exhibit Hall**  
 1:00 - 3:00 pm **Round Robin Sessions in Exhibit Hall**  
 3:00 - 3:30 pm **Break**  
 3:30 - 5:30 pm **Round Robin Sessions in Exhibit Hall**  
 6:00 - 8:00 pm **Study Hall Available**

## Wednesday, February 17, 2010

7:30 am - 5:00 pm Conference Registration  
 7:30 - 9:50 am **Round Robin Sessions in Exhibit Hall**  
 9:50 - 10:10 am **Break**  
 10:10 - 11:50 am **Round Robin Sessions in Exhibit Hall**  
 11:50 am - 12:30 pm **Lunch Served in Exhibit Hall**

#### COMBINED TRACK

12:30 - 2:30 pm Regulatory Update - Old, New, & Pending Regs.  
 2:30 - 3:00 pm **Break**  
 3:00 - 5:00 pm Confined Spaces, Lock-Out/Tag-Out, Safety in the  
 Workplace  
 6:30 pm **Banquet - Food, Fun, & Prizes**

## Thursday, February 18, 2010

7:30 am - 2:00 pm Conference Registration

## THURSDAY, FEBRUARY 18TH (CONT'D)

#### WATER TRACK

7:30 - 9:00 am Evaluate Characteristics of Source Water  
 9:00 - 10:00 am Coagulation/ Flocculation/Clarification/  
 Sedimentation  
 10:00 - 10:15 am **Break**  
 10:15 am - 12:15 pm Filtration & Treatment Processes/Micro Filtration  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 3:00 pm Laboratory Procedures & Equipment  
 3:00 - 3:15 pm **Break**  
 3:15 - 4:15 pm Plant Process Control Analysis  
 4:15 - 5:15 pm Operate & Maintain Equipment  
 6:30 - 8:00 pm **Study Hall Available**

#### ADVANCED WATER TRACK

8:00 - 10:00 am Developing Safety Cultures  
 10:00 - 10:15 am **Break**  
 10:15 - 12:15 pm Electric Motors, Drives, Controls, VFD's & SCADA  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 3:00 pm Advances in Micro-filtration Processes  
 3:00 - 3:15 pm **Break**  
 3:15 - 5:15 pm Maintaining Water Quality to the Tap

#### WASTEWATER TRACK

7:30 - 9:00 am Reg. 64 & Sludge Disposal Regulations  
 9:00 - 10:00 am Wastewater Laboratory Procedures & Equipment  
 10:00 - 10:15 am **Break**  
 10:15 - 11:15 am Wastewater Laboratory Procedures & Equipment  
 11:15 - 12:15 pm Wastewater Pretreatment & Lagoons  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 2:00 pm Trickling Filters - Rotating Biological Contactors  
 2:00 - 3:00 pm Oxidation Ditches - Activated Sludge  
 3:00 - 3:15 pm **Break**  
 3:15 - 4:15 pm Sludge Digestion  
 4:15 - 5:15 pm DMR'S & Reporting  
 6:30 - 8:00 pm **Study Hall Available**

#### ADVANCED WASTEWATER TRACK

8:00 - 10:00 am Electric Motors, Drives, Controls, VFD's & SCADA  
 10:00 - 10:15 am **Break**  
 10:15 am - 12:15 pm Developing Safety Cultures  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 3:00 pm Improving your Treatment Processes  
 3:00 - 3:15 pm **Break**  
 3:15 - 5:15 pm Personal Care Products, Pharmaceuticals, What to do?  
 6:30 - 8:00 pm **Study Hall Available**

#### DISTRIBUTION TRACK

7:30 - 8:30 am Fire Hydrants  
 8:30 - 9:15 am Water Meters - Service Lines  
 9:15 - 10:00 am General Operation of Distribution Systems  
 10:00 - 10:15 am **Break**  
 10:15 - 11:15 am System Hydraulics  
 11:15 am - 12:15 pm HDPE Uses & Installations  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 2:00 pm Leak Detection  
 2:00 - 3:00 pm PRV's Valves  
 3:00 - 3:15 pm **Break**  
 3:15 - 4:15 pm Distribution System Design  
 4:15 - 5:15 pm Confined Spaces - Hazards & Designation  
 6:30 - 8:00 pm **Study Hall Available**

#### COLLECTION TRACK

7:30 - 9:00 am Lift Stations & Controls  
 9:00 - 10:00 am Trenchless Technology  
 10:00 - 10:15 am **Break**  
 10:15 - 11:15 am Manhole Rehabilitation  
 11:15 am - 12:15 pm Inspection & Testing of Wastewater Collections Systems  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 2:00 pm Developing Safety Cultures  
 2:00 - 3:00 pm Confined Spaces - Hazards & Designations  
 3:00 - 3:15 pm **Break**  
 3:15 - 4:15 pm System Hydraulics  
 4:15 - 5:15 pm Pipe Cleaning  
 6:30 - 8:00 pm **Study Hall Available**

#### MANAGEMENT TRACK FOR BOARD & STAFF PERSONNEL

8:00 - 10:00 am Source Water Protection Planning & Grants  
 10:00 - 10:15 am **Break**  
 10:15 am - 12:15 pm Rate Setting Workshop  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 3:00 pm Rate Setting (Cont'd)  
 3:00 - 3:15 pm **Break**  
 3:15 - 5:15 pm Rate Setting

#### MANAGEMENT II FOR PLANT MANAGERS

8:00 am - 12:15 pm Advanced Excel Workshop  
 12:15 - 1:00 pm **Lunch (on your own)**  
 1:00 - 5:15 pm Advanced Excel (cont'd)  
 Class size limited to 12 without personal laptops, 24 with your own laptop

## Friday - February 19, 2010

8:00 am - 4:00 pm

Certification Exams