



Fifth Annual

**DISTRIBUTION AND COLLECTION
Advanced Operator Training Seminar
Thursday, May 5, 2011**

Colorado Springs Crowne Plaza

**Sponsored by
Colorado Distribution and Collection Systems
Certification Council**

WHO WE ARE

In November of 1978, the Colorado Plant Operators Certification Board took steps to gather together a group of water and wastewater professionals who were interested in setting up a voluntary certification program for distribution and collection system operators. These people represented municipalities and special water and sanitation districts. The certification program is geared for the field operators in water distribution and wastewater collection systems. The program became required in 2001 when federally mandated by the Environmental Protection Agency.

In May of 1981, the first certification exams were held in Boulder, Colorado. In November of 1981, the first annual "Short School" was conducted at the University of Colorado in Boulder immediately prior to the second set of certification exams. The Certification Council incorporated under the "Colorado Water and Wastewater Systems Certification Council, Inc." in November of 1982, and has actively tested and certified qualified operators since the first exam in 1981.

WHY ADVANCED LEVEL?

The Certification Council has consistently offered training in the basics of operation and maintenance of water distribution and wastewater collection systems via the Colorado Distribution and Collection Systems Short School held in November each year. Numerous and increasing requests for an advanced seminar in these components are now being answered with this offering. This seminar is designed for those who have achieved, or want to achieve, advanced levels (2, 3, or 4) of certification in either water distribution or wastewater collection.

THE SEMINAR

As the dynamic nature of wastewater collection and water distribution systems become better understood, the drinking water industry is increasingly focusing its attention on water quality in these systems and the environmental concerns associated with them. Research has established that wastewater collection and water distribution systems should be viewed not as a static network of inert pipes, but as biological and chemical reactors with complex interactions and outcomes.

The proper operation and maintenance of wastewater collection and water distribution systems is necessary to respond to these concerns and protect public health. Technicians operating these systems must continue to gain knowledge and expertise in the operations of these systems to meet today's environmental and regulatory challenges, as well as keeping abreast with new methods and equipment.

The Colorado Distribution and Collection Systems Advanced Operator Training Seminar provides technicians with the opportunity to gain insights into these issues. The Advanced Operator Training Seminar goes beyond the basic needs of an operator to perform the duties of daily operations. Technicians looking for a deeper understanding of wastewater collection and water distribution systems and what is required beyond daily operations will want to attend this course.

This 2011 Advanced Operator Training Seminar has incorporated feedback from our 2010 Advanced Operator Training Seminar to offer you an enhanced learning opportunity. Subject matter experts in the fields of public health, sanitary engineering, water and wastewater management will conduct discussions regarding problems of current and general interest. This is a combined course that addresses issues and concerns of both collection and distribution system technicians and managers. The course will deal with applied hydraulics, valves and PRVs, variable frequency drives and soft starts, site security, planned and emergency operations, law enforcement officers in the work zone, and management of systems assets. Additionally, many Certification Council members will be available for open and frank discussions on a variety of topics. We look forward to seeing you in Colorado Springs on May 5th.

Ray Olson
General Chairman
Colorado Wastewater Collection and Water Distribution Systems Certification Council

GENERAL INFORMATION

This intensive one-day seminar will take place at the Colorado Springs Crowne Plaza on May 5, 2011.

The Certification Examination will follow the next day, May 6, 2011. *Please note, however, the Seminar is **not** associated with the State of Colorado testing for Distribution and Collection Systems Technicians. Therefore, the seminar is intended for instructional use to improve knowledge and skills. The seminar is not intended to provide for test preparation.*

Examinations for certification will be held on Friday, May 6, 2011, at the Colorado Springs Crowne Plaza for those who have made a prior, separate application to the Operator Certification Program Office (OCPO). The exam application deadline was February 15, 2011.

Walk-in registration is not available for any exam.

Members of the Certification Council will be available at the seminar to discuss procedures for certification/renewal requirements, reciprocity, operator issues, training opportunities industry standards and global trends. Otherwise, there will be no direct connection between the seminar and the examinations. While the classes do not necessarily cover specific questions that appear on the certification examinations, the seminar is considered good pre-test information.

You are urged to pre-register online (www.getteams.com), by fax, or by mail before April 22, 2011, as ***space is limited to the first 60 paid participants***. Registration is not complete until the fee has been paid. Payment may be made by check, cash, VISA, MasterCard, or American Express. If you are paying by credit card, be sure to complete the appropriate section of the registration form so that we may debit your account. *All fees must be paid at the time of registration.* Purchase orders are not accepted.

Seminar Registration Fees

There are three easy ways to register: online (www.getteams.com), by fax, and by mail. Please refer to the registration form for instructions. Checks should be made payable to: *Certification Council*.

The registration fee is \$150 if pre-registered by April 22, 2011; \$175 April 23, 2011, or later. Cancellations requests prior to April 22, 2011, will be assessed a \$50 administration fee. No refunds will be paid beginning April 23, 2011. The registration fee includes:

- Instructional costs
- Notebook for the course
- Continental breakfast at Registration
- Lunch
- Break refreshments

The registration fee *does not include lodging* or exam registration. Housing and registration fees may be paid by either the employer or by the individual.

Registration, Meeting Location, Directions, and Parking

On-site registration will be held at the Colorado Springs Crowne Plaza on Thursday, May 5, 2011, from 7:30 a.m. to 8:00 a.m. The Seminar begins promptly at 8:00 a.m. and ends at 4:00 p.m. Please refer to the schedule for session times and locations. There is ample complimentary parking available. To reach the Colorado Springs Crowne Plaza at 2886 South Circle Drive, take I25 to Colorado Springs exit #138 Circle Drive; head east; Crowne Plaza is on the left hand side just past the freeway intersection.

The Certification Exam, for which you must be separately registered and approved to take, will be held at the Colorado Springs Crowne Plaza on Friday, May 6, 2011.

Lodging

A block of rooms has been reserved at the Colorado Crowne Plaza. The rate for these rooms is very cost-effective at only \$84 for the single rate. This will allow you to get to the meeting location the evening prior to the Seminar and relax with no worries about traffic. Due to the early start time for the Seminar, this may be the most worry-free option for you. If you are taking the exam the next day, you can reserve your room for 2 nights. Or, if you are simply coming for the exam on Friday, you can reserve a room for Thursday night only.

The reservation information is noted below. These rooms will be held **only until April 21, 2011**.

Please contact the hotel directly and make your own reservation, mentioning the Advanced Operator Training or group code CCZ, to ensure the conference rate of \$84.00 per night. All reservations must be guaranteed and accompanied by a first-night room deposit or guaranteed with a major credit card.

Crowne Plaza
2886 S. Circle Drive
Colorado Springs, CO 80906

phone: 719-576-5900
(conference room rate of \$84 per night)
(mention: Advanced Operator Training OR group code CCZ)

Certification Examination Information

Please note: The Colorado Distribution and Collection Systems Advanced Operator Training Seminar is not associated with the State of Colorado testing for Distribution and Collection Systems Technicians.

Examinations for certification will be held at the Crowne Plaza Center on Friday, May 6, 2011, for those who have made a **prior, separate, appropriate application** to the Operator Certification Program Office (OCPO). The exam application deadline was February 15th. The **fall** exam deadline date is August 15, 2011, and the exam is scheduled for fall 2011. The exam application can be found on www.ocpoweb.com, as well as the State of Colorado web site at: www.cdphe.state.co.us/op/ocb/ocbhom.asp.

WALK-IN REGISTRATION IS NOT AVAILABLE FOR ANY EXAM.

If you have already received approval to take the exam at another location, but you would rather take it in Colorado Springs on May 6, 2011, you may be able to change the location. Contact OCPO in writing at fax # 303-394-3450 to request the change, no later than April 29, 2011.

Information on certification and the Seminar is available from the Committee Chairs:

Jim Jamsay Denver	Council Secretary 303-288-6664
Terry Book Pueblo	Water Chairman 719-584-0233
Jim Wiseman Denver	Council Treasurer 303-986-1705
Ray Olson Castle Rock	Council Chairman 720-733-6049
Richard Platt Castle Rock	Wastewater Chairman 720-733-6067

Training Units (TU) / Continuing Education Units

The following Training Unit (TU) information has been submitted for these courses and has been approved:

Session Totals:

Water	.4 TUs
Distribution	.7 TUs
Wastewater	.4 TUs
Collection	.7 TUs
Industrial	.4 TUs
Supplemental	.0 TUs

Further Information

For additional information, please contact:

Shirley Denman / JoAnn Vold
TEAMS Inc.
2170 S. Parker Rd., Ste. 290
Denver, CO 80231

phone: 303-394-2022
fax: 303-394-3450
Email: Sales@GETeams.com
JoAnnV@GETeams.com

Cancellation Policy

A request to cancel must be made in writing and faxed to 303-394-3450. Include the name of the Seminar, the participant name and the reason for the cancellation. There is a \$50.00 processing fee for cancellations received by April 22, 2011. No refunds are available beginning April 23, 2011.

**Colorado Distribution & Collection Systems
Advanced Operator Training Seminar
May 5, 2011**

Class Supervisors: Ray Olson, Jeff TerAvest and Rich Platt

Thursday, May 5

7:30 a.m. to 8:00 a.m.	Registration	
8:00 a.m. – 8:50 a.m.	Management of Collection and Distribution Systems Assets	Charlie Cross
8:50 a.m. – 9:45 a.m.	How to Proceed with Planned and Emergency Operations	Carrie Powers
9:45 a.m. – 10:00 a.m.	Break	
10:00 a.m. – 11:00 a.m.	Law Enforcement Officers in the Work Zone	Gene Putman
11:00 a.m. – 12:00 noon	Applied Hydraulics	Kevin Brown
12:00 noon – 1:00 p.m.	Lunch	
1:00 p.m. – 1:50 p.m.	Variable Frequency Drives and Soft Starts	Jim Ratcliffe
1:50 p.m. – 2:40 p.m.	Site Security for Utilities	Tom Kloc
2:40 p.m. – 2:55 p.m.	Break	
2:55 p.m. – 3:50 p.m.	Valves and PRVs	John Tedder
3:50 p.m. – 4:00 p.m.	Class Review	