



# DRINKING WATER ACADEMY BULLETIN



Winter 2005

## INSIDE THIS ISSUE:

**DWA DEVELOPING WATER SYSTEM REGULATORY GUIDANCE**

**DWA PILOT TESTS COMPLIANCE COURSE**

**DRINKING WATER ACADEMY CONTACTS**

**TRAINING COURSE SCHEDULE**

**DWA OFFERS COURSE IN SECURITY RISK COMMUNICATION**

**DWA ADVISORY BOARD HOLDS ANNUAL MEETING IN DC**

**DWA COMPLETES EMERGENCY RESPONSE PLAN VIDEO**

## FY 2004 SEES THE DRINKING WATER ACADEMY COMPLETE ANOTHER SUCCESSFUL YEAR

The Drinking Water Academy (DWA) team was honored in FY 2004 with EPA Bronze Medals. The medals recognized the great strides the DWA has made in increasing the amount and quality of training provided to EPA and state drinking water staff. DWA training covers all aspects of the Safe Drinking Water Act (SDWA) and ranges from introductory to regulatory to technical training courses. The DWA currently offers 67 different courses.

In FY 2004, the DWA completed 68 training deliveries, including 23 Web conferences, 3 deliveries for EPA's Water Careers program, and 9 sanitary survey trainings. Web conferences are a cost-effective alternative for participants and a way for the DWA to reach more people.

The DWA completed development of two versions of the Electronic Sanitary Survey (ESS) software: one for Personal Digital Assistants (PDAs) and one for Tablet PCs. A conference in Austin, Texas, showcased the ESS and the Class V underground injection control software. The meeting highlighted the various ways in which the software has been adapted, and the way small electronics are being used to support the safe drinking water and water system security programs.

The DWA continued its efforts to address security issues at small water systems. In FY 2004, the DWA completed an addendum to the Sanitary Survey Learner's Guide that addresses security issues and conducted a Web conference on the topic. The Academy also completed two videos for small water systems, one on vulnerability assessments and one on emergency response plans. (See related story on page 5.)

In FY 2005, the DWA will continue to pursue two goals first articulated in FY 2004:

- ☒ Increase the use of advanced communication technologies to support training activities.
- ☒ Continue to integrate water system security issues into sanitary survey and other drinking water training.

The DWA will continue to use Web conferences as its primary means of delivering training. The Academy will maintain its current level of deliveries and continue to increase the number of course offerings. The DWA also will continue to enhance the utility of the ESS. Support for security issues at small water systems also will remain a priority.



### DWA DELIVERS UIC INSPECTOR TRAINING IN PUERTO RICO

**On The Cover:** An inspector for the Underground Injection Control (UIC) program of Puerto Rico demonstrates the use of testing equipment at the UIC Inspector Training and Certification course. (Mario Salazar photo)

## DWA DEVELOPING WATER SYSTEM REGULATORY GUIDANCE

The Drinking Water Academy is assisting EPA Region 8 and the State of Colorado in developing regulatory guidance documents for water system operators. Each guidance will provide, in one place and in plain English, all Safe Drinking Water Act regulatory requirements applicable to the water system. A separate guide is being developed for each of the following water system types:

- ☛ Community surface water systems.
- ☛ Community ground water systems.

- ☛ Transient non-community surface water systems.
- ☛ Transient non-community ground water systems.
- ☛ Non-transient non-community surface water systems.
- ☛ Non-transient non-community ground water systems.

The requirements will also be broken down by system size in each guide, where this is relevant.

The DWA is creating basic guidances with the federal

regulations in 40 CFR Part 141 and will then modify them to include Colorado's requirements. Other states will be able to take the basic federal guidances (which will be in Word format) and modify them to their own standards where

they are different. States can use their primacy crosswalks as a starting point to identify where their regulations differ from the federal regulations. The federal versions are expected to be available during the summer of 2005.

## DWA PILOT TESTS COMPLIANCE COURSE

The DWA piloted the course *Steps to a Successful Regulatory Compliance Program* during the annual DWA Advisory Board meeting. The course is being developed specifically for Webcasts. It discusses the necessary components of a public water

supply compliance and enforcement program, and it provides information to help new compliance staff successfully pursue compliance activities. Topics covered include:

- ☛ Know your law, rules, and regulations.
- ☛ Identify your regulated community.
- ☛ Encourage compliance.
- ☛ Learn about your regulatory compliance strategy.
- ☛ Assess compliance.
- ☛ Select and prioritize compliance responses.
- ☛ Initiate and support compliance responses.

The Advisory Board members provided feedback on the course, which will be revised to reflect their comments. A second pilot is anticipated in March. The final course will be presented as a Webcast during the summer of 2005.

## DRINKING WATER ACADEMY CONTACTS

Contact	Location	Telephone	E-mail
Jackie LeClair	EPA Region 1	(617) 918-1549	<a href="mailto:leclair.jackie@epa.gov">leclair.jackie@epa.gov</a>
Norma Ortega	EPA Region 2	(212) 637-4234	<a href="mailto:ortega.norma@epa.gov">ortega.norma@epa.gov</a>
Rick Rogers	EPA Region 3	(215) 814-5711	<a href="mailto:rogers.rick@epa.gov">rogers.rick@epa.gov</a>
Janine Morris	EPA Region 4	(404) 562-9480	<a href="mailto:morris.janine@epa.gov">morris.janine@epa.gov</a>
Bill Spaulding	EPA Region 5	(312) 886-9262	<a href="mailto:spaulding.william@epa.gov">spaulding.william@epa.gov</a>
Bill Davis	EPA Region 6	(214) 665-7536	<a href="mailto:davis.williamh@epa.gov">davis.williamh@epa.gov</a>
Stephanie Lindberg	EPA Region 7	(913) 551-7423	<a href="mailto:lindberg.stephanie@epa.gov">lindberg.stephanie@epa.gov</a>
Dan Jackson	EPA Region 8	(303) 312-6155	<a href="mailto:jackson.dan@epa.gov">jackson.dan@epa.gov</a>
Barry Pollock	EPA Region 9	(415) 972-3563	<a href="mailto:pollock.barry@epa.gov">pollock.barry@epa.gov</a>
Bill Chamberlain	EPA Region 10	(206) 553-8515	<a href="mailto:chamberlain.william@epa.gov">chamberlain.william@epa.gov</a>
Mark Anderson	Virginia	(804) 786-5569	<a href="mailto:manderson@vdh.state.va.us">manderson@vdh.state.va.us</a>
Debra Cerda	Texas	(512) 239-6050	<a href="mailto:dcerda@tceq.state.tx.us">dcerda@tceq.state.tx.us</a>
Stew Thornley	Minnesota	(651) 215-0771	<a href="mailto:stew.thornley@health.state.mn.us">stew.thornley@health.state.mn.us</a>
Murlene Lash	EPA HQ	(202) 564-3818	<a href="mailto:lash.murlene@epa.gov">lash.murlene@epa.gov</a>
James Bourne	EPA HQ	(202) 564-4095	<a href="mailto:bourne.james@epa.gov">bourne.james@epa.gov</a>

## TRAINING COURSE SCHEDULE

Course Title	Audience	Schedule	Location	Contact
Sanitary Survey Training	Hawaii sanitary survey inspectors	Jan. 24 - 27, 2005	Maui, HI	Bill Wong (808) 586-4259 <a href="mailto:waterbill@aol.com">waterbill@aol.com</a>
SDWIS Federal Reporting (Fed Rep) and Operational Data System (ODS)	State SDWIS staff	Jan. 25, 2005	Web conference	Abe Siegel (202) 564-4637 <a href="mailto:siegel.abraham@epa.gov">siegel.abraham@epa.gov</a>
Sanitary Survey Training	Hawaii sanitary survey inspectors	Feb. 1 - 4, 2005	Hilo, HI	Bill Wong (808) 586-4259 <a href="mailto:waterbill@aol.com">waterbill@aol.com</a>
Security Risk Communication	Hawaii drinking water staff	Feb. 2 - 4, 2005	Maui, HI	Bill Wong (808) 586-4259 <a href="mailto:waterbill@aol.com">waterbill@aol.com</a>
Security Risk Communication	Hawaii drinking water staff	Feb. 7 & 8, 2005	Hilo, HI	Bill Wong (808) 586-4259 <a href="mailto:waterbill@aol.com">waterbill@aol.com</a>
Security Risk Communication	State drinking water staff	Feb. 10 & 11, 2005	Kona, HI	Bill Wong (808) 586-4259 <a href="mailto:waterbill@aol.com">waterbill@aol.com</a>
Introduction to Capacity Development	Federal and state drinking water staff	Mar. 2, 2005	Web Conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
Introduction to EPA's Drinking Water Source Protection Programs	Federal and state source water protection staff	Mar. 9, 2005	Web Conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
Sanitary Survey Training	State sanitary survey inspectors	March 14 - 17, 2005	Boise, ID	Chris Levelle (208) 373-0486 <a href="mailto:clevelle@deq.state.id.us">clevelle@deq.state.id.us</a>
Electronic Sanitary Survey Training	State sanitary survey inspectors	Mar. 17 & 18, 2005	Boise, ID	Chris Levelle (208) 373-0486 <a href="mailto:clevelle@deq.state.id.us">clevelle@deq.state.id.us</a>
Source Water Contamination Prevention Measures	State and federal source water protection staff	Apr. 13, 2005	Web Conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
Introduction to the Safe Drinking Water Act	Federal and state drinking water staff	May 11, 2005	Web conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
Sanitary Survey Training	Military sanitary survey inspectors	May 24 - 27, 2005	Fort Hood, TX	Bill Davis (214) 665-7526 <a href="mailto:davis.williamh@epa.gov">davis.williamh@epa.gov</a>
Introduction to the Public Water System Supervision (PWSS) Program	Federal and state drinking water staff	May 25, 2005	Web conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
Assessing Capacity through Sanitary Surveys	State sanitary survey inspectors	Jun. 1, 2005	Web conference	Drinking Water Academy <a href="mailto:dwwab.conference@epa.gov">dwwab.conference@epa.gov</a>
American Government Roles	New federal and state drinking water staff	Jun. 8 & 9, 2005	Washington, DC	Jamie Bourne (202) 564-4095 <a href="mailto:bourne.james@epa.gov">bourne.james@epa.gov</a>

DWA courses may be presented as requested. See the course catalog on the DWA Web site for more information ([www.epa.gov/safewater/dwa/course.html](http://www.epa.gov/safewater/dwa/course.html)).

## DWA OFFERS COURSE IN SECURITY RISK COMMUNICATION

Good communication during an emergency or crisis is critical to successfully handling the event and protecting public health. The public must know what the security threat is, how it is being addressed, what risks they face, and how to mitigate those risks, if possible. Organizations responding to different aspects of a security threat must also communicate

effectively with each other.

The Drinking Water Academy is offering a course to address these issues.

*SDWA Security Risk Communication* builds on the existing *SDWA Risk Communication* course, which the DWA has offered for the past 3 years.

The 2-day course covers principles of risk communication—valid for security-related

emergencies and non-emergency communication—and discusses tools for successful communication.

The course presents several security-related scenarios, which the students address through role-playing activities. This highly interactive course has been presented 10 times: once each in New York, South Carolina, Georgia, Rhode Island, and Vermont, twice in Puerto Rico, and three times in Hawaii. For more information about the course, please contact Jamie Bourne at [bourne.james@epa.gov](mailto:bourne.james@epa.gov) or (202) 564-4095.

---

## DWA ADVISORY BOARD HOLDS ANNUAL MEETING IN DC

The DWA Advisory Board held its annual meeting in Washington, DC, on November 3 and 4, 2004. The meeting featured remarks by Steve Heare, Director of the Drinking Water Protection Division in the Office of Ground Water and Drinking Water, and Chuck Job, Chief of the Infrastructure Branch.

Clint Lemmons, from the SDWIS State Team, gave a presentation on SDWIS training, and Ed Cottrill, also from the SDWIS State Team, updated the Board on the status of the project to build a “bridge” from SDWIS to the Electronic Sanitary Survey (ESS) software.

The Board received reports on sanitary survey and security activities, FY 2004 accomplishments, the project to develop water system-specific guidance documents, and the ESS. Members also discussed and approved a new 5-year plan for FY 2005 – 2009.

Jamie Bourne, who manages the DWA, recognized the Board members for their important contributions to the Academy. He presented them with plaques reflecting their reappointments to the DWA Advisory Board through 2006.

## DWA COMPLETES VIDEO ON EMERGENCY RESPONSE PLANS

Securing and protecting our drinking water are critical to ensuring the availability of a safe supply. Undertaking a vulnerability assessment is a good place to start in protecting the drinking water supply, but what does a system do once the assessment is complete? How can a system address its vulnerabilities? A well-prepared and practiced Emergency Response Plan (ERP) is the key to increasing system preparedness and addressing drinking water system vulnerabilities.

The DWA recently completed a video for small water systems serving between 3,301 and 10,000 people, which would also be useful for systems serving smaller populations. The video uses character-based scenarios to show the viewer how to develop or revise an ERP. It highlights the process of completing an ERP, as well as the relationship between an ERP and a system's vulnerability assessment results.

The video is available at no cost from the National Environmental, Safety and Health Training Association, P.O. Box 10321, Phoenix, Arizona 85064-0321, (602) 956-6099, [www.neshta.org](http://www.neshta.org).



## UIC INSPECTOR TRAINING DELIVERED IN PUERTO RICO

The DWA sponsored a delivery of the Underground Injection Control (UIC) Inspector Certification training in Puerto Rico. The training, which was conducted in Spanish, was presented December 6 – 9, 2004, in San Juan. The course presentation was organized by Mario Salazar of OGWDW, Norma Ortega of EPA Region 2, and Luis Rodriguez of EPA Region 3. They also served as the instructors. Fifty-two environmental professionals from several island agencies participated in the training.

The course included a field trip to a local UIC site where students could apply their

lessons themselves. Participants took an examination at the end of the course, and those passing were certified as UIC inspectors.

The slides and supplemental materials translated into Spanish will be made available on the DWA Web site.



**A Sense of Where You Are.** Luis Rodriguez of EPA Region 3 (center) explains how to operate a Global Positioning System (GPS) receiver during the UIC Inspector Certification Training held in Puerto Rico in December. (Mario Salazar photo)