



# Drinking Water Academy Bulletin



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## The Drinking Water Academy Is In Operation!

*Dear Readers:*

*I hope that you enjoyed the inaugural issue of the Drinking Water Academy Bulletin. Since the last Bulletin, the Drinking Water Academy workgroup has been hard at work. In this issue you will find information about the DWA web site and new training modules developed on the SDWA, PWSS Program, UIC program, and GW/SWP programs. In addition, you will find information on training sessions that took place this spring on the CCR Rule and the M-DBP Rules. These training sessions were developed by the regulatory implementation teams. After this spring, these training materials will be under the stewardship of the DWA. One important function of the DWA is to provide access to training long after the regulatory implementation team has completed its initial training effort and assisted States to assume primacy for implementing particular regulations. The DWA intends to use the DWA web site to help accomplish this objective.*

*The web site includes a calendar of course offerings similar to the calendar provided in this Bulletin, and will be updated regularly. It will include descriptions of courses to provide viewers with more information about individual courses. Please visit the web site at <http://www.epa.gov/safewater/DWA.html> and provide your comments and suggestions. We look forward to hearing from you.*

*If you have information that you would like to be included in the next Bulletin or on the web site, please contact any of those persons listed on the last page of this Bulletin. I hope that you find this issue useful and I look forward to hearing from you.*

*Sincerely,  
Bob Blanco, Director  
Implementation and Assistance Div.  
Office of Ground Water and  
Drinking Water*

## CCR and M-DBP Training Sessions

EPA promulgated the Consumer Confidence Reports (CCR) Rule and the Microbial-Disinfectants/Disinfection Byproducts (M-DBP) Rules in 1998. The implementation teams for these regulations have been conducting training on the rules across the country this spring under the auspices of the Drinking Water Academy. The training sessions that have taken place to date have been a great success.

The purpose of the CCR is to ensure that the public has better information about their drinking water. The purpose of the CCR training course is to provide detailed information on the CCR rule requirements and the primacy revision application process to State and Regional staff. The training course also provides instruction on how to prepare and review a CCR. The course is structured to last two days.

The M-DBP Rule consists of the Interim Enhanced Surface Water Treatment Rule (IESWTR) and the Stage 1 Disinfectants/Disinfection Byproducts Rule (Stage 1 DBPR). The IESWTR will reduce the risk of microbial contamination in surface water systems while the Stage 1 DBPR will reduce the risks posed by disinfectants and disinfection byproducts. The M-DBP training is designed to provide staff from States, EPA Regions and public water systems with an overview of the purpose and requirements of the Stage 1 DBPR and the IESWTR. Additionally, some important aspects of EPA's guidance for implementation of these rules is covered. The training includes two workshops designed to develop a better understanding of the Stage 1 DBPR requirements for disinfection byproduct precursor removal and performing calculations for determining compliance. Particular emphasis is also placed on the early requirements of the IESWTR and the training includes a workshop that covers the basics of disinfection profiling and benchmarking. This course also includes training regarding the primacy revision process.

Training materials from these course will be available this summer through the DWA web site: <http://www.epa.gov/safewater/DWA.html>

## TRAINING COURSE SCHEDULE

<b>Course Title</b>	<b>Audience</b>	<b>Location</b>	<b>Date</b>	<b>Contact</b>
SDWIS/FED Data Entry/Trouble Shooters	Regional Coordinators	Washington, DC	5/3/99-5/6/99	Michelle Stoner (202) 260-2798
Consumer Confidence Reports	EPA/States	Region VII	5/4/99-5/5/99	Kathy Williams (202) 260-2589
Decision Makers Guide to Water Utility Planning	Tribal Water Systems	Keshena, WI	5/5/99-5/6/99	Sahba Rouhani (312) 886-0245
Operator Certification Guidelines	EPA/State/Tribal	Atlanta, GA	5/5/99-5/6/99	Jenny Jacobs (202) 260-2939
SDWIS/FED Data Entry/Trouble Shooters	EPA	Washington, DC	5/18/99-5/20/99	Michelle Stoner (202) 260-2798
DWSRF Set-aside Grants	EPA/State/Tribal	Omaha, NE	5/19/99-5/20/99	Tom Crawford (775) 782-6636
Drinking Water Laboratory Certification: Chemical Parameters	EPA/State staff involved with SDWA certification	Cincinnati, OH	6/7/99-6/11/99	Patricia Hurr (513) 569-7678
Drinking Water Laboratory Certification: Microbiological Parameters	EPA/State staff involved with SDWA certification	Cincinnati, OH	6/14/99-6/18/99	Patricia Hurr (513) 569-7678
SDWIS/FED Data Entry/Trouble Shooters	EPA	Denver, CO	6/15/99-6/17/99	Michelle Stoner (202) 260-2798
Introduction to Ground Water Investigation	EPA/State/Tribal	Kansas City, KS	6/15/99-6/17/99	Coral Wert (913) 551-7230
SDWIS/FED Data Retrieval (Beginner/Intermediate)	EPA	Washington, DC	7/6/99-7/9/99	Michelle Stoner (202) 260-2798
SDWIS/FED Data Entry/Trouble Shooters	EPA	Atlanta, GA	8/17/99-8/19/99	Michelle Stoner (202) 260-2798
UIC Inspector Training Certification	EPA	Region III	Summer '99	Steve Platt (215) 814-5464
SWPA Delineation and Susceptibility Assessment: Technical Training	Regional/State technical staff	Philadelphia, PA	8/99 or 9/99	Marilyn Ginsberg (202) 260-8804
SWPA Delineation and Susceptibility Assessment: Technical Training	Regional/State technical staff	Dallas, TX	8/99 or 9/99	Marilyn Ginsberg (202) 260-8804
SWPA Delineation and Susceptibility Assessment: Technical Training	Regional/State technical staff	Kansas City, KS	8/99 or 9/99	Marilyn Ginsberg (202) 260-8804
SWPA Delineation and Susceptibility Assessment: Technical Training	Regional/State technical staff	Denver, CO	8/99 or 9/99	Marilyn Ginsberg (202) 260-8804
DWSRF Basic 101 & Financial	EPA/State/Tribal	Kansas City, KS	Fall '99	Ken Deason (913) 551-7585
Sanitary Survey Training	States in Region IV, PWSS staff	Atlanta, GA	Fall '99	David Parker (404) 562-9460
Sanitary Survey Training	States	Region IV	Upon request	David Parker (404) 562-9460
Sanitary Survey Training	States	Region VI	Upon request	Bill Davis (214) 665-7536
Introduction to Comprehensive Performance Evaluations (CPEs)	States	Region VI	Upon request	Bill Davis (214) 665-7536
Progressive CPE Training	States	Region VI	Upon request	Bill Davis (214) 665-7536

## DWA Updates

### Pilot Test of New Training Materials

The DWA is currently developing training curricula on the SDWA, the Public Water System Supervision (PWSS) program, the Underground Injection Control (UIC) program, and the Drinking Water Source Protection (ground water and source water protection) programs. Pilot tests of these curricula will take place in June and July at EPA Headquarters. These courses are designed primarily to train new employees, or employees new to a program, on the critical components of the SDWA program. The courses are modular in structure and may be used together or as stand-alone courses. For more information about these training courses, contact James Bourne at (202) 260-5557 or Denny Cruz at (202) 260-7776.

### DWA Web Site

The DWA has developed a web site located at <http://www.epa.gov/safewater/DWA.html>. The web site currently includes a calendar of course offerings, course descriptions, the DWA Fact Sheet, a list of the DWA workgroup members, and other pertinent information. The web site is a work in progress and will be regularly updated. This summer, course materials from the CCR and M-DBP training and information on the Operator Certification Guidelines will be available through this web site. Additional training materials will be posted on the web site as they become available. We would appreciate hearing from you about ways to improve the usefulness of the web site.

## **Other News - Sanitary Survey Training Opportunities**

Sanitary Survey Training is one of the most frequently requested training courses. The objective of sanitary survey training is to develop the capabilities of individuals to conduct an effective and comprehensive review/investigation of a public water system. During the past two years the EPA Regional Offices in Dallas and Atlanta have developed and taught an in-house sanitary survey training course. Significant time was spent in course development, staff training, accumulating support materials and practice training sessions. The Region IV and VI sanitary survey training courses are based on the course developed for the EPA under a grant to the University of Florida's Training, Research and Education for Environmental Occupations Center (TREEO Center) in collaboration with the EPA and the National Environmental Training Association (NETA).

The target audience of the sanitary survey training course is field staff responsible for inspecting and evaluating water systems for sanitary risks and compliance with the Safe Drinking Water Act and Amendments. The course applies basic scientific information and a working knowledge of the operation, maintenance, management and technology of a water system to train the field staff to identify sanitary risks

which may interrupt the multiple barriers of protection at the water system and adversely affect its ability to produce a safe, reliable and adequate quality and quantity of potable water to the consumer. Through course attendance, the participants will be exposed to the activities of a sanitary survey and will learn to identify the appropriate information to gather and conditions to assess during the activities.

The course addresses the nine essential elements of a sanitary survey as defined by the EPA/State Joint Guidance on Sanitary Surveys and the Interim Enhanced Surface Water Treatment Rule. Specifically, the course addresses how to conduct an onsite review of the water source (identifying sources of contamination using information from source water assessments where available), facilities, equipment, and its operation and maintenance. The course will also evaluate compliance records of a public water system as they relate to the adequacy of the system, its sources and operations and the distribution of safe drinking water.

The Course runs 4 days, with 1 full day and 3 half-days of classroom instruction/discussion and 2 half-days of field exercises. The activities are varied with the intent of maintaining the interest and attention of class participants. Each unit of the course contains the most current information regarding the impact of new EPA regulations, guidances and policies on that portion of the sanitary survey.

Course participants receive a *Learner's Guide* containing all the presentation material from all the units in addition to other, more detailed, reference material; a *Drinking Water Inspector's Field Guide for Surface plants* containing reference material and questions to ask in the field at a surface water plant; and a *Drinking Water Inspector's Field Guide for Groundwater Systems* containing reference material and questions to ask in the field at a ground water System.

### Cost of Training

Region IV and VI offer this course within their respective Regions at no cost once every other year. Course attendees are required to pay for their travel, lodging, etc. In addition, Region IV and VI offer this course to state primacy agencies and EPA Regions upon request. There is no fee for requested training, however, the requesting Regional office or State agency is required to incur the travel costs for three (3) instructors from either the EPA Region IV or Region VI office. The estimated travel cost would be between \$2000 and \$5000 depending on airfares, per diem rates and costs of local lodging.

If you are interested in making arrangements for the course in your State or Region, call David Parker at the EPA Region IV office in Atlanta at (404) 562-9460, or call Bill Davis at the EPA Region VI office in Dallas at (214) 665-7536.

## **Other News - Sanitary Survey Training Opportunities (Continued)**

Sanitary Survey training is also available directly from TREEO or NETA. Cost for the course, including pre-course visits, is from \$15,000 to \$20,000 depending on class load. This cost includes all instructional costs and all

course materials for each participant (learners guide, two field inspectors guides, six video "Before You Begin" tapes and various drawings and diagrams.) It does not include participants per-diem, travel and lodging. For more information contact Rick Richardson of NETA at 602/956-6099; Bill Engel of TREEO at 352/392-9570 ext. 110; or Andy Holtan of ISTI at 410/836-1591.

### **DWA Contacts**

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