



DRINKING WATER ACADEMY BULLETIN



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DWA PLANS NATIONAL CONFERENCE ON PERSONAL DIGITAL ASSISTANT (PDA) AND TABLET PC TECHNOLOGY

Organizations that use Personal Digital Assistants (PDAs) or Tablet PCs to conduct sanitary surveys, support water security activities, and enhance other environmental programs are being invited to a national technology conference to be hosted by the DWA and the Association of State and Territorial Drinking Water Administrators (ASDWA) on May 26 and 27, 2004, in Austin, TX.

Tablet PCs and PDAs can enhance implementation of the drinking water and underground injection control programs and water security to promote public health protection.

The conference will bring together organizations to share their experiences using the hand-held electronic devices. The goals of the conference are to explain how PDAs and Tablet PCs:

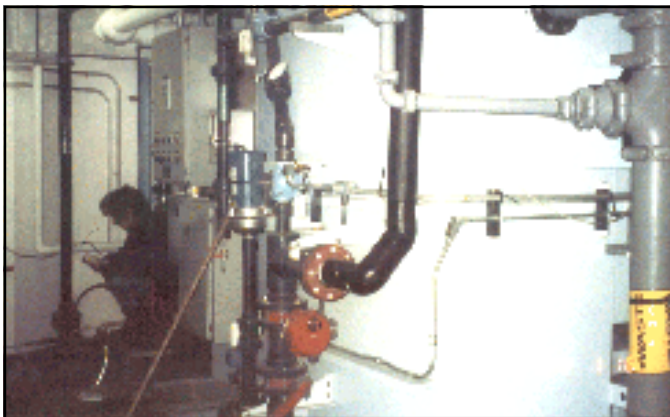
- ◆ Promote the secure use of PDAs and Tablet PCs for successful implementation of the SDWA.
- ◆ Strengthen water security awareness and oversight through the use of these small computers.
- ◆ Identify opportunities for expanding their use to securely support water security activities and SDWA programs.



ASDWA and the DWA hope the conference will be attended by sanitary survey and underground injection well inspectors and program managers and by state water security program managers. The conference will allow participants to interact with the speakers and each other to share their experiences, relate lessons learned, and get new ideas on how to use PDAs and Tablet PCs to perform their jobs more efficiently.

The idea for the conference grew out of the DWA's ongoing efforts to develop software so that PDAs and/or Tablets can be used during sanitary surveys to record the findings from the inspections. In working on this project, the DWA became aware of other agencies and organizations using PDAs to enhance their inspection capabilities.

For more information about the conference, or to register, go to www.asdwa.org or www.epa.gov/safewater/dwa.html for a link to the registration page. ◆




DWA's conference will help promote the use of PDAs and Tablet PCs in SDWA implementation activities such as sanitary surveys and UIC Class V well inventories.

DWA EXPANDS USE OF WEB CONFERENCE TECHNOLOGY TO DELIVER TRAINING

In an effort to provide training that is cost effective (i.e., reaches the greatest number of people for the money spent), the Drinking Water Academy will use Web conference technology for much of the training it provides in Fiscal Year 2004. Web conferencing allows students to participate

individually from their desks, or join with others in a conference room where a computer and digital projector are available. The video portion of the conference is accessed through a Web site and the audio portion is accessed by telephone using a toll-free number. Web conference technology also allows students and instructors to interact. Students can pose questions by typing them in online or by asking them over the telephone. The instructor can respond in the same ways. He or she also can present multiple-choice questions to which the students can respond online.

DWA's course schedule calls for a number of courses to be presented over the World Wide Web. They include the Academy's introductory courses (Safe Drinking Water Act, Public Water System Supervision Program, Source Water Protection Program, and Underground Injection Control Program), Risk Communication Principles, Capacity Development, and Security Considerations for Sanitary Surveys. For more information about the Web conference schedule, contact your [DWA representative](#) listed on the last page of this bulletin or at www.epa.gov/safewater/dwa/workgroup.html. 



SMALL SYSTEM SECURITY VIDEOS ADDED TO DWA SANITARY SURVEY SERIES

A small water system can be easily overwhelmed by all the security jargon floating around these days: VSAT, design basis threat, RAM-W, ERP. To help these systems make sense of such terms, and to help them evaluate and mitigate their potential vulnerabilities, the DWA recently released new videos on small system security.

The Drinking Water Academy is helping small systems understand how to evaluate and mitigate their potential vulnerabilities.


Security Considerations: Small Water Systems is the ninth video in the DWA's sanitary survey series. It highlights key security issues ranging from childhood pranks to malicious terrorism. The video is designed for operators of water systems serving fewer than 10,000 connections. A different version of the video is available for state sanitary survey inspectors.

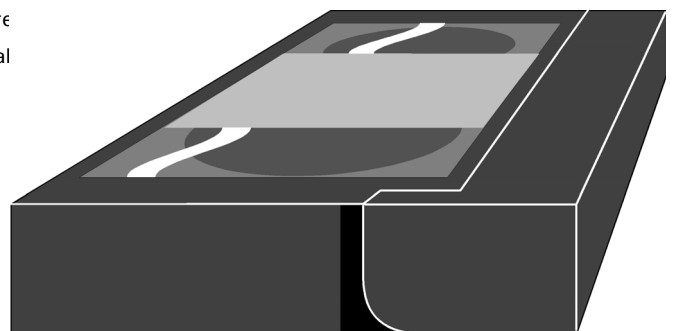
Two additional videos were also completed recently to help very small systems conduct vulnerability assessments. One video focuses on

small systems that serve between 3,301 and 10,000 persons, which are required to conduct vulnerability assessments.

The second video is for systems serving fewer than 3,300 persons. Although systems whose service populations total less than 3,300 persons are not

ments, the video will help ensure that they understand what they can do to protect their security and encourage them to take measures to protect the water that they supply to their customers.

Another video addressing emergency response plans for small systems is currently under development. See page 3 for information on ordering the videos. 



MULTI-MEDIA PRODUCT OFFERINGS FROM THE DRINKING WATER ACADEMY

The DWA is known for its traditional classroom training on a variety of SDWA topics. However, the DWA also offers a number of products that can be obtained on the Web or in other electronic formats. The table on this page lists those products and their availability.

| Product or Service | CD/DVD | CWA Web Site | Other |
|---|---|--|--|
| Sanitary Survey Products | | | |
| Learner's Guide to Conducting Sanitary Surveys | | | Hard copy can be ordered at: www.ehs-training.org/PDFs/orderform.pdf |
| Drinking Water Inspector's Field Reference: Ground Water | | | |
| Drinking Water Inspector's Field Reference: Surface Water | | | |
| Learner's Guide to Security Considerations for Small Drinking Water Systems | | | |
| Learner's Guide to Conducting Sanitary Surveys (Spanish) | | www.epa.gov/safewater/dwaespanol/recursos.html | |
| Electronic sanitary survey software | | | Contact Jamie Bourne at: bourne.james@epa.gov |
| Sanitary Survey "Before You Begin" videos (8 videos) | A DVD with all 8 videos can be ordered at: www.ehs-training.org/PDFs/orderform.pdf | | Videos can be ordered at: www.ehs-training.org/PDFs/orderform.pdf |
| Security Considerations: Small Systems | | | |
| Security Vulnerability Self-Assessment Guide for Drinking Water Systems Serving Populations of Fewer than 3,300 | | www.epa.gov/safewater/dwa/pdfs/vulnerability.pdf | |
| Security Vulnerability Self-Assessment Guide for Drinking Water Systems Serving Populations of 3,300 - 10,000 | | www.epa.gov/safewater/dwa/pdfs/vulnerability3300-10000.pdf | |
| Troubleshooting Guide for Small Ground Water Systems (EPA 816-C-00-002) | Contact EPA Water Resource Center at (202) 566-1729 or center.water-resource@epa.gov | www.epa.gov/safewater/dwa/pdfs/gw-tsg.pdf | |
| Cross-Connection Control manual | | www.epa.gov/safewater/crossconnection.html | |
| Conducting Sanitary Surveys of Public Water Systems - Surface Water and GWUDI Systems | | www.epa.gov/safewater/mdbp/pdf/sansurv.pdf | |
| Outreach Materials | | | |
| DWA <i>Bulletin</i> | | www.epa.gov/safewater/dwa/bulletin.html | |
| DWA Fact Sheet | | www.epa.gov/safewater/dwa/pdfs/dwa-factsheet.pdf | |
| Course catalog | | www.epa.gov/safewater/dwa/course.html | |
| Training calendar | | www.epa.gov/safewater/dwa/calendar.html | |
| Resource CD | EPA 816-C-02-002 | | Given to trainees |
| DWA Web site | | www.epa.gov/safewater/dwa.html | |
| Spanish-Language Materials | | | |
| Learner's Guide to Conducting Sanitary Surveys | | www.epa.gov/safewater/dwaespanol/recursos.html | |
| Manual for UIC Inspectors | | www.epa.gov/safewater/dwaespanol/presentations/spanishuicmanual.pdf | |
| Introduction to the PWSS Program | | | Classroom training salazar.mario@epa.gov |
| Introduction to the Source Water Protection Programs | | | Classroom training salazar.mario@epa.gov |
| Spanish Web site | | www.epa.gov/safewater/dwaespanol.html | |

DWA AND EPA REGION 4 DELIVER THIRTEEN WORKSHOPS ON SOURCE WATER PROTECTION

The DWA and EPA Region 4 recently completed a series of workshops on the use of best management practices (BMPs) to protect drinking water sources. The 13 workshops were held in Tennessee, Kentucky, Georgia, Alabama, Mississippi, and Florida.

Partnering with County Conservation Districts, Regional Development Centers, State Rural Water Associations, State Water and Environmental Protection Agencies, the Seminole Tribe of Florida, and the U.S. Department of Agriculture (USDA), the DWA trained more than 300 individuals on

the concepts and components of source water assessment and protection and on BMPs and other measures to control and manage more than a dozen sources or potential sources of contamination that threaten source water.


Alanna Conley of EPA Region 4 coordinated the workshops; EPA Headquarters' Drinking Water Program provided the funding. Bill Ward and Chi Ho Sham of The Cadmus Group, Inc. provided training support at the workshops. Participants included staff from state and county agencies, water system operators, consultants, source water protection

technicians from Rural Water Associations, EPA staff, and agricultural experts.

The training sessions discussed the various major source water protection programs under the Safe Drinking Water Act and other legislation such as the Clean Water Act. They also described funding and information sources available from a variety of federal agencies. Before focusing on the design and use of various BMPs to protect drinking water quality, the various types of protective measures in general were covered.

Course materials addressed a range of common contaminant sources, from storm water runoff and on-site wastewater disposal systems to agricultural activities, animal wastes, and deicing practices. The workshop covered where each source can be found, why it should be managed, and what are the best or most-used management practices. Time was also provided to discuss the source water assessments themselves and the types of source water protection measures already being used by workshop participants.

These training sessions were very well received. EPA Region 4 has gotten thank-you notes from Kentucky's Boone County, the Tennessee Rural Water Association and Department of Environment and Conservation, the Georgia Mountain Region Development Center, the Alabama Rural Water Association, the USDA facility at Hopkinsville, Kentucky, and the Seminole Tribe in Florida praising the workshops' comprehensive presentations and materials.

For more information about the DWA's source water protection training workshop, contact Steve Ainsworth at ainsworth.steve@epa.gov or Jamie Bourne at bourne.james@epa.gov. 

DRINKING WATER ACADEMY CONTACTS

| Contact | Location | Telephone | E-mail |
|--------------------|---------------|----------------|--|
| Jackie LeClair | EPA Region 1 | (617) 918-1549 | leclair.jackie@epa.gov |
| Norma Ortega | EPA Region 2 | (212) 637-4234 | ortega.norma@epa.gov |
| Rick Rogers | EPA Region 3 | (215) 814-5711 | rogers.rick@epa.gov |
| Janine Morris | EPA Region 4 | (404) 562-9480 | morris.janine@epa.gov |
| Bill Spaulding | EPA Region 5 | (312) 886-9262 | spaulding.william@epa.gov |
| Bill Davis | EPA Region 6 | (214) 665-7536 | davis.williamh@epa.gov |
| Stephanie Lindberg | EPA Region 7 | (913) 551-7423 | lindberg.stephanie@epa.gov |
| Dan Jackson | EPA Region 8 | (303) 312-6155 | jackson.dan@epa.gov |
| Barry Pollock | EPA Region 9 | (415) 972-3563 | pollock.barry@epa.gov |
| Bill Chamberlain | EPA Region 10 | (206) 553-8515 | chamberlain.william@epa.gov |
| Mark Anderson | Virginia | (804) 786-5569 | manderson@vdh.state.va.us |
| James Weddell | Texas | (512) 239-4798 | jweddell@tnrcc.state.tx.us |
| Stew Thornley | Minnesota | (651) 215-0771 | stew.thornley@health.state.mn.us |
| Murlene Lash | EPA HQ | (202) 564-3818 | lash.murlene@epa.gov |
| Mario Salazar | EPA HQ | (202) 564-3894 | salazar.mario@epa.gov |
| James Bourne | EPA HQ | (202) 564-4095 | bourne.james@epa.gov |

TRAINING COURSE SCHEDULE

| Course Title | Audience | Schedule | Location | Contact |
|--|---|--------------------|----------------|---|
| Drinking Water Treatment Troubleshooting | Puerto Rico sanitary survey inspectors | Feb. 23 – 27, 2004 | San Juan, PR | Dave Parker (404) 562-9460 parker.david@epa.gov |
| Water Quality Standards Academy Basic Course | New water program staff | Apr. 4 – 6, 2004 | Washington, DC | www.glec-online.com/form.htm |
| Sanitary Survey Training | Hawaii sanitary survey inspectors | Feb. 23 – 25, 2004 | Honolulu, HI | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Sanitary Survey Training | Alaska sanitary survey inspectors | Feb. 24 – 27, 2004 | Anchorage, AK | Nicole Duclos (907) 747-7756 nicole.duclos@uas.alaska.edu |
| Electronic Sanitary Survey Training | Hawaii sanitary survey staff | Feb. 26 & 27, 2004 | Honolulu, HI | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Security Considerations When Conducting a Sanitary Survey | Hawaii sanitary survey inspectors | Mar. 1 & 2, 2004 | Honolulu, HI | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Sanitary Survey Training | Minnesota sanitary survey inspectors | Apr. 19 & 20, 2004 | St. Cloud, MN | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Sanitary Survey Training | Minnesota sanitary survey inspectors | Apr. 21 & 22, 2004 | Brainerd, MN | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Introduction to the Public Water System Supervision (PWSS) Program | EPA and state drinking water staff | May 5, 2004 | Web Conference | dwaweb.conference@epa.gov |
| Water Quality Standards Academy Basic Course | New water program staff | May 17 – 21, 2004 | Washington, DC | www.glec-online.com/form.html |
| American Government Roles | New federal employees | June 8 & 9, 2004 | Washington, DC | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Overview of the Clean Water Act and the Safe Drinking Water Act | New federal employees | June 15 – 17, 2004 | Washington, DC | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Assessing Capacity through Sanitary Surveys | Regional and State drinking water staff | June 23, 2004 | Web Conference | dwaweb.conference@epa.gov |
| Developing Water System Managerial Capacity | State drinking water staff | July 7, 2004 | Web Conference | dwaweb.conference@epa.gov |
| Introduction to EPA's Drinking Water Source Protection Programs | State source water protection staff | Sept. 15, 2004 | Web Conference | dwaweb.conference@epa.gov |
| Introduction to the Safe Drinking Water Act | EPA and State drinking water staff | Sept. 29, 2004 | Web Conference | dwaweb.conference@epa.gov |

Continued on next page.

TRAINING COURSE SCHEDULE (CONTINUED)

| Course Title | Audience | Schedule | Location | Contact |
|---|----------------------------------|------------------|-----------------|--|
| American Government Roles | New federal employees | Nov. 2 & 3, 2004 | Washington, DC | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |
| Security Considerations When Conducting a Sanitary Survey | State sanitary survey inspectors | Nov. 10, 2004 | Web Conference | dwaweb.conference@epa.gov |
| Overview of the Clean Water Act and the Safe Drinking Water Act | New federal employees | Dec. 7 – 9, 2004 | Washington, DC | Jamie Bourne (202) 564-4095 bourne.james@epa.gov |

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).