

# THE MAIN EVENT

A NEWSLETTER FOR OKLAHOMA WATER & WASTEWATER OPERATORS VOLUME 6 ISSUE 2 AUGUST 2005

## Stage 1 Disinfectants and Disinfection Byproduct Rule

*Kristi Sanger, DEQ*

The Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR) runs concurrent with the IESWTR and LT1ESWTR. Stage 1 DBPR became effective January 1, 2002, and initially only affected large surface water systems and large groundwater systems under the influence of surface water. In January 2004, all other systems that disinfect were included and must meet the requirements of the rule.

Initially there were 41 water systems in Oklahoma that were affected by the Stage 1 DBPR. In January 2004, systems that have no experience with DBPs were added. These systems included an additional 172 small surface water systems, 518 groundwater systems, 28 purchase water systems that chlorinate, and four (4) ground water systems under the direct influence of surface water. The total number of Oklahoma water systems that have been affected by the rule is 763. This is approximately 45 % of all public water systems in Oklahoma.

The Stage 1 DBPR is the first of a staged set of federal rules that will reduce the allowable levels of DBPs in drinking water. It establishes four (4) new Maximum Contaminant Levels (MCLs) and three (3) new Maximum Residual Disinfectant Levels (MRDLs) for a total of seven (7) new levels. It also establishes a new treatment technique. New MCLs have been established for the following regulated contaminants:

1. Total Trihalomethanes (TTHM), Chloroform, Bromodichloromethane, Dibromochloromethane, and Bromoform;
2. Five Haloacetic Acid (HAA5) Monochloroacetic acid, Dichloroacetic acid, Trichloroacetic acid; Bromoacetic acid, and Dibromoacetic acid;
3. Bromate (plants that use ozone); and
4. Chlorite (plants that use chlorine dioxide).

MRDLs have been established for the following regulated disinfectants:

1. Chlorine,
2. Chloramines, and
3. Chlorine dioxide.

The treatment techniques for systems not meeting the new standards includes chlorine optimization (the most effective/efficient use of chlorine), Total Organic Carbon (TOC) reduction (can be achieved through use of activated carbon), and water age management (reducing the time that the water is in contact with the disinfectant).

Water systems that use surface water or ground water under the direct influence of surface water and use conventional filtration treatment are required to remove specified percentages of organic materials, measured as TOCs, which may react with disinfectants to form DBPs.

**Continued on page 7**

## NEW TOOLS FOR SMALL SYSTEMS ARE AVAILABLE

The Drinking Water Utilities Team has produced two new tools for states to use in their work with small systems:

- 1) Taking Stock of Your Water System: A Simple Asset Inventory for Very Small Drinking Water Systems, and
- 2) Preventive Maintenance Card File for Small Public Water Systems Using Ground Water. These tools have been produced as capacity building resources for small drinking water systems.

Association of State Drinking Water Administrators (ASDWA)'s Small Systems Committee provided input into the focus and structure of both of these tools. You may order these tools at no cost from the Office of Water Resource Center at 202-566-1729 or from the Safe Drinking Water Hotline at 1-800-426-4791. Please reference document number EPA 816-K-03-002 (STEP Guide) or EPA 816-B-04-002 (Card File) when requesting copies. If you have any questions regarding these tools, please contact Jenny Bielanski, EPA OGWDW Water Utilities Team Leader at 202-564-3836.

**W**ater or Wastewater Operators may attend either a Water or a Wastewater four (4) hour renewal class for certification renewal. If an operator has a license in both water and wastewater, one four hour class is all that is necessary. ALL CLASSES ARE HELD ON FRIDAYS FROM 12:00 PM TO 4:00 PM. The training at the Midwest City location is held in the LIBRARY/MEDIA CENTER, RM 129 at Rose State College. If you have any questions, please contact Mark Kurklin at (405) 702-8148.

**Please Note that Pre-registration is required!** You must contact the receiving facility distance learning coordinator at the facility you plan to attend, and make a reservation by close of business on Tuesday before the Friday Training. If you forget to pre-register, renewal training may not be available to you.

## ONENET LOCATIONS AND COORDINATORS

<u>FACILITY</u>	<u>LOCATION</u>	<u>CONTACT</u>	<u>PHONE NUMBER</u>
Autry Technology Center	ENID	Kay Snow	(580) 242-2750 Ext. 126
Cameron University-Lawton	LAWTON	Tink Glenn	(580) 581-2282
East Central University	ADA (\$25 fee)*	Stanley Nnochirionye	(580) 332-8000 Ext. 622 or 266
Eastern OK State College	WILBURTON	Keith Lewis	(918) 465-2361 Ext. 221
High Plains Institute	WOODWARD	Vonda Phillips	(580) 571-6185
Cameron University-Duncan	DUNCAN	Susan Camp	(580) 255-7566
Kiamichi Technology Center	POTEAU	Sharon Hosler	(888) 567-6632
McCurtain County Higher Ed	IDABEL	Barbara Echols	(580) 286-9431
Murray State College	TISHOMINGO	Priscilla Washington	(580) 371-2371 Ext. 123
Northeastern OK A&M	MIAMI	Cindy Bigby	(918) 540-6253
Oklahoma State University	TULSA	Larry Cochran	(918) 594-8285
Panhandle State University	GOODWELL	Carrie Haisten	(580) 349-1552
Rose State College	MIDWEST CITY	Mark Kurklin	(405) 702-8148
Seminole Junior College	SEMINOLE**	Mark Kurklin	(405) 702-8148
S. E. OK State Univ.	DURANT	Clinton Freeman	(580) 745-2114
Stuart High School	STUART	Terry Beck	(918) 546-2474
S. W. OK State Univ.	WEATHERFORD	Lessley Price	(580) 774-3149
S. W. OK State Univ.	SAYRE	Lessley Price	(580) 774-3149
Tricounty Tech Center	BARTLESVILLE	Veda Sisney	(918) 331-3331
University of Oklahoma	NORMAN	Mark Mitchell	(405) 325-3069
USAO	CHICKASHA	Alan Todd	(405) 574-1277
Unv. Learning Ctr N. OK	PONCA CITY	Brenda Stacy	(580) 762-2856

**\* The fee for Ada should be paid at the receiving site.**

**\*\*Pre-register with Mark Kurklin instead of Seminole Jr. College.**

IF TECHNICAL DIFFICULTIES ARE EXPERIENCED DURING THE RENEWAL TRAINING,  
PLEASE CALL (405) 736-0327 or (405) 370-6425.

INTERACTIVE TV CLASS SCHEDULE					
	August	September	October	November	December
<b>Wastewater</b>	None	9	7	4	2
<b>Water</b>	None	16	14	18	9

## WRITTEN EXAM SESSIONS

Exam sessions begin at 8:30 a.m. Exam applications can be printed from the DEQ website, [www.deq.state.ok.us](http://www.deq.state.ok.us). Exam applications are also available from the Operator Certification Section at (405) 702-8100. **Please be sure to use the current exam application (rev 1-2003), as our mail is no longer being forwarded from our old location. The old address may appear on old exam applications.** Any combination of two D and/or C exams may be taken at the same exam session. **All exam applications must be postmarked three weeks before the exam session.** The nonrefundable and nontransferable application fee (\$40 per exam) must be mailed with your application. Exams can be rescheduled within 120 days; however, all fees are forfeited if an exam is not taken within 120 days. If you have questions, please call Angie Ratcliff at (405) 702-8150. **WITHIN THREE WEEKS OF EXAM COMPLETION, A REPORT OF YOUR EXAM RESULTS WILL BE MAILED TO YOUR HOME. IN ORDER TO PROTECT YOUR PRIVACY, RESULTS CANNOT BE GIVEN OVER THE PHONE.**

### PLEASE DO NOT CALL FOR EXAM RESULTS

<u>EXAM LOCATION</u>	<u>DATE</u>	<u>DEADLINE</u>
Midwest City, RSC, Tom Steed Bldg., Hudiburg Drive	August 5	July 15
Ponca City, Pioneer Technology Center, 2101 N. Ash	August 12	July 22
Sulphur, Murray County Rural Development Center, 4000 W. Highway 7	September 9	August 19
Oklahoma City, Clarion Hotel and Convention Center, 737 S. Meridian	September 16	August 26
Midwest City, RSC, Tom Steed Bldg., Hudiburg Drive	October 7	September 16
Woodward, RSC, Tom Steed Bldg., Hudiburg Drive	October 14	September 23
Clinton, Senior Citizen Center, 323 S. 8th Street	October 21	September 30
Midwest City, RSC, Tom Steed Bldg., Hudiburg Drive	November 4	October 14
Tulsa, Tulsa Technology Center, 3850 N Peoria	November 18	October 28
Midwest City, RSC, Tom Steed Bldg., Hudiburg Drive	December 2	November 11
McAlester, Kiamichi AVTS, 301 Kiamichi Drive	December 9	November 18

## ONLINE EXAM SESSIONS

The online exams are scheduled to take place directly after most regularly scheduled training classes. As soon as each individual completes the exam, they will be able to view and print their results. **All students should contact the training facility/sponsor to confirm that an online exam will take place after the class.** The requirements necessary to be approved for the online exam are the same as for the written exams: an exam application must be completed and mailed with the application fee (\$40 per exam) to the DEQ three weeks prior to the exam date.

### Order Form for Operator Certification Study Guides

Name \_\_\_\_\_  
 Mailing Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_  
 Zip Code \_\_\_\_\_  
 Telephone # \_\_\_\_\_

After completing this form, please clip out and return it with a check, money order, or purchase order made payable to the Operator Certification Section.

#### Number of Study Guides:

Water \_\_\_\_\_ x \$4.00 each = \$ \_\_\_\_\_  
 Wastewater \_\_\_\_\_ x \$4.00 each = \$ \_\_\_\_\_  
 Distribution/Collection \_\_\_\_\_ x \$4.00 each = \$ \_\_\_\_\_

#### Please mail to:

Dept. of Environmental Quality  
 Financial & Human Resources  
 PO Box 2036  
 OKC, OK 73101-2036



TOTAL AMOUNT ENCLOSED \$ \_\_\_\_\_

PLEASE ALLOW UP TO 3 WEEKS FOR DELIVERY.

## WATER, WASTEWATER, and LABORATORY CLASS SCHEDULES



**PLEASE REMEMBER**  
**TO CHECK WITH THE**  
**SPONSOR TO BE SURE**  
**THAT CLASSES WILL**  
**TAKE PLACE.**

For all Standard Classes, you must register with the **SPONSOR** for the course you want to attend at least two (2) weeks in advance. To take the exam, you must send your application to the DEQ and it must be postmarked no later than three (3) weeks before the exam date.

### Beginning D Level Day Classes 8AM-5PM

<u>LOCATION</u>	<u>SUBJECT</u>	<u>DATES</u>	<u>CREDIT</u>	<u>SPONSOR</u>	<u>PHONE</u>
Okmulgee	Water Operator	Aug 1 - 2	16 hrs	ORWA	405-672-8925
Stillwater	Distribution/Collection	Aug 8	8 hrs	Accurate	405-372-5300
Oklahoma City	Water & Wastewater	Aug 9 - 11	24 hrs	Accurate	405-372-5300
Tulsa	Water & Wastewater	Aug 9 - 11	24 hrs	Accurate	800-516-5227
Oklahoma City	Water	Aug 9 - 11	16 hrs	Accurate	405-372-5300
Tulsa	Water	Aug 9 - 11	16 hrs	Accurate	800-516-5227
Oklahoma City	Wastewater	Aug 10 - 11	16 hrs	Accurate	405-372-5300
Tulsa	Wastewater	Aug 10 - 11	16 hrs	Accurate	800-516-5227
Woodward	Water	Aug 15 - 16	16 hrs	ORWA	405-672-8925
Midwest City	Water	Aug 15 - 16	16 hrs	Rose State College	405-733-7364
Midwest City	Wastewater	Aug 17 - 18	16 hrs	Rose State College	405-733-7364
Oklahoma City	Distribution/Collection	Aug 29 - 29	8 hrs	Accurate	405-372-5300
Tulsa	Distribution /Collection	Aug 29 - 29	8 hrs	Accurate	800-516-5227
Stillwater	Water/Wastewater	Sept 6 - 8	24 hrs	Accurate	405-372-5300
Stillwater	Water	Sept 6 - 8	16 hrs	Accurate	405-372-5300
Stillwater	Wastewater	Sept 7 - 8	16 hrs	Accurate	405-372-5300
Wayne	D Water	Sept 12 - 13	16 hrs	Accurate	800-516-5227
Oklahoma City	D Water/Wastewater	Sept 13 - 15	24 hrs	OWPCA	800-516-5227
McAlester	D Water Operator	Sept 26 - 27	16 hrs	ORWA	405-672-8925
Stillwater	D Distribution/Collection	Oct 3 - 3	8 hrs	Accurate	800-516-5227
Afton	D Water	Oct 10 - 11	16 hrs	ORWA	405-672-8925
Oklahoma City	D Water/Wastewater	Oct 11 - 13	24 hrs	Accurate	800-516-5227
Tulsa	D Water/Wastewater	Oct 11 - 13	24 hrs	Accurate	800-516-5227
Oklahoma City	D Water	Oct 11 - 13	16 hrs	Accurate	800-516-5227
Tulsa	D Water	Oct 11 - 13	16 hrs	Accurate	800-516-5227
Oklahoma City	D Wastewater	Oct 12 - 13	16 hrs	Accurate	800-516-5227
Tulsa	D Wastewater	Oct 12 - 13	16 hrs	Accurate	800-516-5227
Oklahoma City	D Distribution/Collection	Oct 31	8 hrs	Accurate	800-516-5227
Tulsa	D Distribution/Collection	Oct 31 - 31	8 hrs	Accurate	800-516-5227
Stillwater	D Water /Wastewater	Nov 1 - 3	24 hrs	Accurate	800-516-5227
Stillwater	D Water	Nov 1 - 3	16 hrs	Accurate	800-516-5227
Stillwater	D Wastewater	Nov 2 - 3	16 hrs	Accurate	800-516-5227
Atoka	D Water	Nov 7 - 8	16 hrs	ORWA	405-672-8925
Stillwater	D Distribution/Collection	Dec 5 - 5	8 hrs	Accurate	800-516-5227
Burns Flat	D Water	Dec 5 - 6	16 hrs	ORWA	405-672-8925
Oklahoma City	D Water/Wastewater	Dec 6 - 8	24 hrs	Accurate	800-516-5227
Tulsa	D Water/Wastewater	Dec 6 - 8	24 hrs	Accurate	800-516-5227
Oklahoma City	D Water	Dec 6 - 8	16 hrs	Accurate	800-516-5227
Tulsa	D Water	Dec 6 - 8	16 hrs	Accurate	800-516-5227
Oklahoma City	D Wastewater	Dec 7 - 8	16 hrs	Accurate	800-516-5227
Tulsa	D Wastewater	Dec 7 - 8	16 hrs	Accurate	800-516-5227

**Intermediate C Level Day Classes 8AM-5PM**

<b><u>LOCATION</u></b>	<b><u>SUBJECT</u></b>	<b><u>DATES</u></b>	<b><u>CREDIT</u></b>	<b><u>SPONSOR</u></b>	<b><u>PHONE</u></b>
Stillwater	Distribution/Collection	Aug 9-11	24 hrs	Accurate	800-516-5227
Stillwater	Wastewater	Aug 16-18	24 hrs	Accurate	800-516-5227
Oklahoma City	Distribution/Collection	Aug 30-Sept 1	24 hrs	Accurate	800-516-5227
Tulsa	Distribution/Collection	Aug 30-Sept 1	24 hrs	Accurate	800-516-5227
Midwest City	Water	Sepr 5-6	16 hrs	Rose State College	405-733-7364
Tulsa	Water	Sept 6-8	24 hrs	Accurate	800-516-5227
Oklahoma City	Wastewater	Sept 6-8	24 hrs	Accurate	800-516-5227
Midwest City	Wastewater	Sept 7-8	16 hrs	Rose State College	405-733-7364
Oklahoma City	Water	Sept 13-15	24 hrs	OWPCA	405-671-2871
Oklahoma City	Wastewater	Sept 13-15	24 hrs	OWPCA	405-671-2871
Stillwater	Distribution/Collection	Oct 4-6	24 hrs	Accurate	800-516-5227
Stillwater	Water	Oct 18-20	24 hrs	Accurate	800-516-5227
Oklahoma City	Distribution/Collection	Nov 1-3	24 hrs	Accurate	800-516-5227
Tulsa	Distribution/Collection	Nov 1-3	24 hrs	Accurate	800-516-5227
Oklahoma City	Water	Nov 15-17	24 hrs	Accurate	800-516-5227
Tulsa	Wastewater	Nov 15-17	24 hrs	Accurate	800-516-5227
Stillwater	Wastewater	Nov 29-Dec 1	24 hrs	Accurate	800-516-5227
Stillwater	Distribution/Collection	Dec 6-8	24 hrs	Accurate	800-516-5227

**Advanced A & B Level Day Classes 8AM-5PM**

<b><u>LOCATION</u></b>	<b><u>SUBJECT</u></b>	<b><u>DATES</u></b>	<b><u>CREDIT</u></b>	<b><u>SPONSOR</u></b>	<b><u>PHONE</u></b>
Stillwater	A/B Wastewater	Aug 22-25	32 hrs	Accurate	800-516-5227
Oklahoma City	A/B Wastewater	Sept 13-15	24 hrs	OWPCA	405-671-2871
Stillwater	A/B Wastewater	Oct 24-27	32 hrs	Accurate	800-516-5227

**Laboratory Day Classes 8AM-5PM**

<b><u>LOCATION</u></b>	<b><u>SUBJECT</u></b>	<b><u>DATES</u></b>	<b><u>CREDIT</u></b>	<b><u>SPONSOR</u></b>	<b><u>PHONE</u></b>
Snyder	C Wastewater	Aug 1-4	32 hrs	ORWA	405-672-8925
Eufaula	C Wastewater	Aug 15-18	32 hrs	ORWA	405-672-8925
Oklahoma City	C Water	Aug 22-25	32 hrs	Accurate	800-516-5227
Tulsa	C Wastewater	Aug 22-25	32 hrs	Accurate	800-516-5227
Stillwater	B Wastewater	Aug 29-Sept 1	32 hrs	Accurate	800-516-5227
Miami	C Wastewater	Aug 29-Sept 1	32 hrs	ORWA	405-672-8925
Stillwater	A Wastewater	Aug 29-Sept 2	40 hrs	Accurate	800-516-5227
Stillwater	B Wastewater	Sept 19-22	32 hrs	Accurate	800-516-5227
Stillwater	A Wastewater	Sept 19-23	40 hrs	Accurate	800-516-5227
Stillwater	C Wastewater	Sept 26-29	32 hrs	Accurate	800-516-5227
Tulsa	C Water	Oct 24-27	32 hrs	Accurate	800-516-5227
Oklahoma City	C Wastewater	Oct 24-27	32 hrs	Accurate	800-516-5227
Midwest City	C Wastewater	Dec 10-13	32 hrs	Rose State College	405-733-7364
Tulsa	C Wastewater	Dec 5- 12	32 hrs	Accurate	800-516-5227
Oklahoma City	C Water	Dec 12-15	32 hrs	Accurate	800-516-5227

**General Training Classes 8AM-5PM**

<b><u>LOCATION</u></b>	<b><u>SUBJECT</u></b>	<b><u>DATES</u></b>	<b><u>CREDIT</u></b>	<b><u>SPONSOR</u></b>	<b><u>PHONE</u></b>
Hulbert	Board Member	Sept 8	6 hrs	ORWA	405-672-8925
Oklahoma City	"Short School"	Sept 13-15	19 hrs	OWPCA	405-671-2871
Stillwater	Sampling	Oct 14	8 hrs	Accurate	405-372-5300
Midwest City	Wastewater Management	Nov 7-10	32 hrs	Rose State College	405-733-7364
Stillwater	Sampling	Dec 9	8 hrs	Accurate	405-372-5300

## General Training Classes Various Times

<u>LOCATION</u>	<u>SUBJECT</u>	<u>TIME</u>	<u>DATES</u>	<u>CREDIT</u>	<u>SPONSOR</u>	<u>PHONE</u>
Chichasha	Boardmember	6:30pm-9:30pm	Aug 9-10	6 hrs	ORWA	405 672-8925
Oklahoma City	CPR	7:30am-4:00pm	Aug 16	8 hrs	City of OKC	405 297-2609
Locust Grove	Boardmember	6:30pm-9:30pm	Aug 16-17	6 hrs	ORWA	405 672-8925
Broken Bow	Boardmember	6:30pm-9:30pm	Aug 22-23	6 hrs	ORWA	405 672-8925
Hulbert	Renewal	8:00am-12:00pm	Aug 9	4 hrs	ORWA	405 672-8925
Oklahoma City	CPR	7:30am-4:00pm	Oct 19	8 hrs	City of OKC	405 297-2609
Ada	Boardmember	6:30pm-9:30pm	Nov 8-9	6 hrs	ORWA	405 672-8925
Muskogee	Boardmember	6:30pm-9:30pm	Nov 14-15	6 hrs	ORWA	405 672-8925
Oklahoma City	CPR	7:30am-4:00pm	Nov 15	8 hrs	City of OKC	405 297-2609
Prue	Boardmember	6:30pm-9:30pm	Dec 12	6 hrs	ORWA	405 672-8925
Oklahoma City	CPR	7:30am-4:00pm	Dec 20	8 hrs	City of OKC	405 297-2609

### EMPLOYEE HIRE/TERMINATION NOTIFICATION FORM

The following information is needed in order to satisfy the requirement that system administrators and operators must notify our department within 10 days of an employee being hired or terminated.

Employer's Name \_\_\_\_\_  
 Employee's Name \_\_\_\_\_  
 License Number \_\_\_\_\_  
 Water Classification \_\_\_\_\_ Wastewater Classification \_\_\_\_\_  
 Water Lab Classification \_\_\_\_\_ Wastewater Lab Classification \_\_\_\_\_  
 Date Employed \_\_\_\_\_ Date Terminated \_\_\_\_\_

This information should be addressed to:  
 Department of Environmental Quality, Operator Certification  
 Attn: Monroe McKissic, Enforcement Coordinator  
 PO Box 1677  
 OKC, OK 73101-1677.



**Oklahoma Rural Water Association, Inc.**  
**Western Hills Lodge at Sequoyah State Park near Tahlequah, Oklahoma**  
**September 7-9, 2005**

**WEDNESDAY SEPTEMBER 7, 2005**

The Golf and Bass Tournaments begin at 11:00 am.  
 Registration begins from 1:30-4:30 and continues on Thursday morning at 7:15am.

**THURSDAY SEPTEMBER 8, 2005 AND FRIDAY SEPTEMBER 9, 2005**

The Exhibit Hall is open from 7:30am to 5:00pm on Thursday and from 7:30am to 12:45pm on Friday.  
 Various Training Sessions will take place on Thursday. These training sessions are approved for 6 hours of DEQ training. Four (4) more hours of DEQ approved training are available on Friday from 8:00am-12:45pm.

A Bar-B-Q dinner will be held at 5:30pm on Thursday.

### Stage 1 Disinfectants and Disinfection Byproduct Rule, Continued from page 1

Removal can generally be achieved through a treatment technique such as enhanced coagulation or enhanced softening. Softening is achieved by exchanging calcium or magnesium in the water for sodium. One-hundred or more violations are expected in Oklahoma surface water systems.

### ADVISORY COUNCIL MEETINGS

The Waterworks and Wastewater Works Advisory Council meetings begin at 10 a.m. at the Department of Environmental Quality located at 707 N. Robinson in Oklahoma City, OK. These meetings are open to the public. The remaining 2005 meeting will be held on September 17.

### Stage 2 Disinfectants and Disinfection Byproduct Rule

In mid 2005, the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR) in conjunction with the LT2ESWTR, will become effective and further tighten DBP limits. This rule will affect all systems that use disinfected water, except where ultraviolet light is the disinfectant used. Under the Stage 2 DBPR, systems will conduct an evaluation of their distribution system, called an Individual Distribution System Evaluation (IDSE). The IDSE will identify the locations with high disinfection byproduct concentrations. These locations will then be used by the systems as the sampling sites for DBP compliance monitoring. Under the Stage 2 DBPR, compliance with the maximum contaminant levels for two groups of disinfection byproducts [total trihalomethanes (TTHM) and haloacetic acids (HAA5)] will be calculated for each monitoring location in the distribution system.

This approach is called the locational running annual average (LRAA). The LRAA differs from current requirements, which determine compliance by calculating the running annual average of samples from all monitoring locations across the system. The LRAA is expected to put more water systems out of compliance.

This rule would also require systems to determine if they are experiencing short term peaks in the DBP levels referred to as "significant excursions." Systems experiencing significant excursions would be required to review their operational practices and work with their State to determine what actions should be taken to prevent future excursions. This rule will affect 763 water systems in Oklahoma that disinfect, plus approximately 450 additional water systems that purchase disinfected water.

### Home Study Correspondence Courses

California State University, Sacramento (CSUS) offers correspondence courses for operators. These training programs were prepared for the U.S. EPA by persons working in the field to help others develop the knowledge and skills necessary to do their jobs and to pass certification exams. California manuals are used as reference for Oklahoma operator certification exams. Nine (9) continuing education units (CEUs) are earned from CSUS upon successful completion of most courses. In Oklahoma, one (1) approved CEU is equal to ten (10) approved training hours. The manuals may also be purchased without enrolling in a correspondence course. For ordering information, please call CSUS at (916) 278-6142.

### MSU Management Courses

Michigan State University (MSU) offers two management courses: Supervisory Management in the Water/Wastewater Field and Maintenance Management in the Water/Wastewater Field. A certificate from MSU for six (6) CEUs is awarded upon completion of each course. One (1) approved CEU is equal to ten (10) approved training hours. For enrollment information, call MSU at (800) 356-5705.

### IMPORTANT PHONE NUMBERS AND WEBSITES

Water Quality Main Phone Number ..... (405) 702-8100  
 Water Quality Fax Number ..... (405) 702-8101  
 DEQ Website ..... WWW.DEQ.STATE.OK.US  
 SDWIS Website ..... [sdwis.deq.state.ok.us](http://sdwis.deq.state.ok.us)

**SDWIS stands for Safe Drinking Water Information System--Public Water Supply Systems Search**



707 N. Robinson ♦ Oklahoma City, OK 73101

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Oklahoma City, OK  
Permit No. 1324

# AUGUST 2005

## 79th Annual Short School

The Oklahoma Water and Pollution Control Association (OWPCA) invites all operators to attend the 79th annual "short school". It will be held at the Clarion Convention Center at 737 S. Meridian in Oklahoma City, Oklahoma on September 13-15, 2005. There will be over 50 vendors in the Exhibit Hall on Tuesday and Wednesday. Awards will be given on Tuesday morning at the General Business Meeting. Standard classes for operator certification will be held during short school and DEQ examinations will be given on Friday September 16, 2005. The deadline to submit an exam application to the DEQ is August 26, 2005

There will be a golf tournament preceding the short school, on Monday September 12, 2004. Tee off time is at 9:00 a.m. and admission is \$50. Proceeds will go towards the scholarship fund. For early registration, award nomination, and additional information, call (800) 766-9722, or go to [www.owpca.com](http://www.owpca.com).

- **Check out Thursday!**  
Live Demonstrations in the Parking Lot

Southwest Center for Bioprepareness Presents Hands On Training for Chlorine Repair, Utilizing A and B kits for 150 pound and 1 ton cylinders.

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