

# THE MAIN EVENT

AUGUST 2009

A Newsletter for Oklahoma Water and Wastewater Operators

VOLUME 10 ISSUE 2

## CRYPTOSPORIDIOSIS

Cryptosporidiosis is a diarrheal disease caused by microscopic parasites of the genus *Cryptosporidium*. It lives in the intestines of infected humans or animals. Millions of "crypto" germs can be released in a bowel movement from an infected human or animal. Consequently, *Cryptosporidium* is found in soil, food, water, or surfaces that have been contaminated with infected human or animal feces. If a person swallows enough of the parasite they become infected. It is not possible to become infected through contact with blood. The parasite can be spread by:

- Swallowing recreational water contaminated with *Cryptosporidium* (Recreational water includes water in swimming



- Accidentally putting something into the mouth or swallowing something that has come into contact with feces of a person or animal infected with *Cryptosporidium*.

pools, hot tubs, jacuzzis, fountains, lakes, rivers, springs, ponds, or streams that can be contaminated with sewage or feces from humans or animals.)

**Note:** *Cryptosporidium* can survive for days in swimming pools with adequate chlorine levels.

- Eating uncooked food contaminated with *Cryptosporidium*. Thoroughly wash all raw vegetables and fruits with clean, safe water.
- Accidentally swallowing *Cryptosporidium* picked up from surfaces (such as bathroom fixtures, changing tables, diaper pails, or toys) contaminated with feces from an infected person.

Public Water Systems (PWS) that have a surface water source and serve a population over 10,000 must test their raw water for *Cryptosporidium* as part of the Long Term 2 Enhanced Surface Water Treatment Rule (LT2ESWTR).

Continued on Page 3

## SOONERWARN

Oklahoma's Water/Wastewater Agency Response Network (SoonerWARN) is the formalized system of "utilities helping utilities" with mutual aid during emergency situations. It is designed to reduce bureaucratic red tape during times of emergency. The goal of SoonerWARN is to provide immediate relief for member utilities during times of emergencies. The purpose is to get personnel with the necessary tools and equipment that can both assess and assist the impacted water and wastewater system as quickly as possible by whatever means necessary until such time that a permanent solution for the devastation may be implemented. SoonerWARN will provide a network of "utilities helping utilities" as the best method for responding to the immediate water and wastewater damage caused by natural disasters.

For membership, go to: [www.soonerwarn.org](http://www.soonerwarn.org)

## INTERACTIVE TV RENEWAL CLASSES

Water or Wastewater Operators may attend either a Water or a Wastewater four-hour renewal class for certification renewal. If an operator has a license in 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.

### ATTENTION:

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.



### CLASSES WILL BE HELD:

AUGUST - NONE  
 SEPT 11 AND 18;  
 OCT 2 AND 9;  
 NOV 6 AND 13 AND  
 DEC 4 AND 11

FACILITY	LOCATION	CONTACT	PHONE NUMBER
Autry Technology Center	ENID	Kay Snow	(580) 242-2750 Ext. 126
Cameron University-Lawton	LAWTON	Bill Schemonia	(580) 581-2419 or -5551
Cameron University-Duncan	DUNCAN	Cindy Meadows	(877) 282-3626
East Central University	ADA (\$25 fee)*	Stanley Nnochirionye	(580) 559-5622
Eastern OK State College	WILBURTON	Keith Lewis	(918) 465-1782
High Plains Tech Center	WOODWARD	Vonda Phillips	(580) 571-6185
Kiamichi Technology Center	POTEAU	Tammy Donathan	(918) 647-4525
Kiamichi Technology Center	Talihina	Chris Stone	(918) 567-2264
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	LTS Helpdesk	(918) 594-8285
Panhandle State University	GOODWELL	Sheldon Cayton	(580)349-1386
Rose State College	MIDWEST CITY	Mark Kurklin	(405) 702-8148
S. E. OK State University	DURANT	Dina Roman	(580) 745-2114
Seminole State College	Seminole	Mark Kurklin	(405) 702-8148
SOSU McCurtain Co. Campus	IDABEL (Sept-May)	Barbara Echols Burton	(580) 376-5222
Stuart High School	STUART (May only)	Terry Beck	(918) 546-2474 Ext. 101
S. W. OK State University	WEATHERFORD	Lessley Price	(580) 774-3149
S. W. OK State University	SAYRE	Lessley Price	(580) 774-3149
Tricounty Tech Center	BARTLESVILLE	Joni Grim	(918) 331-3299
University of Oklahoma	NORMAN (May-June)	Mark Mitchel	(405) 325-3069
University of Science & Arts	CHICKASHA	Alan Todd	(405) 574-1277
University Center at Ponca City	PONCA CITY	Brenda Stacy	(580) 762-2856

\* THE FEE FOR ADA SHOULD BE PAID AT THE RECEIVING SITE.

**IF TECHNICAL DIFFICULTIES ARE EXPERIENCED DURING THE RENEWAL TRAINING,  
 PLEASE CALL (405) 736-0327 or (405) 370-6424.**

## WRITTEN EXAM SESSIONS

Written exam sessions begin at 8:30 a.m. Exam applications can be printed from the DEQ website, [www.deq.state.us](http://www.deq.state.us). They are also available from the Operator Certification Section at (405) 702-8100. Please be sure to use the current exam application (rev 7-2009). **PLEASE WRITE LEGIBLY.** 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 (\$62 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 Kara DuBois. 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.**

<u>WRITTEN EXAM LOCATION</u>	<u>DATE</u>	<u>DEADLINE</u>	<u>Exam #</u>
Midwest City, Rose State, Prof. Ed. & Training Center, N Hudiburg/Paris Rd.	9/4/09	8/14/09	7306
McAlester, Kiamichi AVTS, 301 Kiamichi Drive, Team Room	10/16/09	9/25/09	7839
Midwest City, Rose State, Prof. Ed. & Training Center, N Hudiburg/Paris Rd.	10/30/09	10/9/09	7840
Sapulpa, Central Tech, 1720 S Main Street, Rm ABEF	11/13/09	10/23/09	7841
Midwest City, Rose State, Prof. Ed. & Training Center, N Hudiburg/Paris Rd.	12/11/09	11/20/09	7307



### Online Exam Sessions

The online exams are scheduled to take place directly after most regularly scheduled training classes. In order to take an online exam the student must complete the entire training class that is associated with that exam. As soon as each individual completes the exam, he or she will be able to view and print the 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 (\$62 per exam) to the DEQ three weeks prior to the exam date.

### CRYPTOSPORIDIOSIS, CONTINUED FROM PAGE 1

PWSs that have a surface water source and serve a population under 10,000 that trigger for *E. coli* must also test for *Cryptosporidium*. Depending on the results of the testing, additional treatment such as UV, ozone, or chloride dioxide may be required. The DEQ has a standard requiring that all systems using surface water as a source must filter the water before distributing it to the public. A properly designed and operated filtration plant can remove a high percentage of *Cryptosporidium* organisms, thus reducing the risk of cryptosporidiosis.

Most public water supply wells are less likely to be susceptible to *Cryptosporidium* contamination. However, springs and the shallow wells can be susceptible if the water that they yield has not been filtered underground. The DEQ has evaluated public water supplies that use springs or shallow public water wells to determine if they are subject to contamination from surface water. Those that were found to be surface water impacted are no longer being used or are required to filter their water.

For more information on the LT2ESWTR call the Safe Drinking Water Hotline at 1-800-426-4791 or go to [www.epa.gov/safewater](http://www.epa.gov/safewater).

Information from the Center for Disease Control Fact Sheet on *Cryptosporidium* and cryptosporidiosis has been used in the preparation of this article. More information can be found at [www.cdc.gov/](http://www.cdc.gov/)



## CLASS SC

For all Standard Classes, you must register with the class sponsor at least 30 days before the exam, you must submit an exam application to the DEQ. The exam application fee is \$10. Please remember to check with the class sponsor for more information.

### BEGINNING D LEVEL

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>	<b>DEADLINE</b>
Woodward	D/C Water	Aug 4-5	16 hrs	ORWA	405 794-7778	7/15/09
Stillwater	Water/Wastewater	Aug 4-6	24 hrs	Accurate	800 516-5227	7/16/09
Stillwater	Water	Aug 4&6	16 hrs	Accurate	800 516-5227	7/16/09
Stillwater	Wastewater	Aug 5-6	16 hrs	Accurate	800 516-5227	7/16/09
Midwest City	Water	Aug 11-12	16 hrs	Rose State	405 733-7488	7/22/09
Midwest City	Wastewater	Aug 13-14	16 hrs	Rose State	405 733-7488	7/24/09
Durant	D/C Water	Aug 18-19	16 hrs	ORWA	405 672-8925	7/29/09
Tulsa	Water/Wastewater	Aug 18-20	24 hrs	Accurate	800 516-5227	7/30/09
Tulsa	Water	Aug 18&20	16 hrs	Accurate	800 516-5227	7/30/09
Tulsa	Wastewater	Aug 19-20	16 hrs	Accurate	800 516-5227	7/30/09
Ardmore (ECU)	Water	Sept 1-2	16 hrs	Rose State	405 733-7488	8/12/09
Poteau	D/C Water	Sept 1-2	16 hrs	ORWA	405 672-8925	8/12/09
Stillwater	Water/Wastewater	Sept 1-3	24 hrs	Accurate	800 516-5227	8/13/09
Stillwater	Water	Sept 1&3	16 hrs	Accurate	800 516-5227	8/13/09
Stillwater	Wastewater	Sept 2-3	16 hrs	Accurate	800 516-5227	8/13/09
Ardmore (ECU)	Wastewater	Sept 3-4	16 hrs	Rose State	405 733-7488	8/14/09
Midwest City	Water	Sept 8-9	16 hrs	Rose State	405 733-7488	8/19/09
Midwest City	Wastewater	Sept 10-11	16 hrs	Rose State	405 733-7488	8/21/09
Wayne	D/C Water	Sept 15-16	16 hrs	ORWA	405 794-7778	8/26/09
Tulsa	Water/Wastewater	Sept 22-24	24 hrs	Accurate	800 516-5227	9/3/09
Tulsa	Water	Sept 22&24	16 hrs	Accurate	800 516-5227	9/3/09
Tulsa	Wastewater	Sept 23-24	16 hrs	Accurate	800 516-5227	9/3/09
Afton	D/C Water	Sept 29-30	16 hrs	ORWA	405 672-8925	9/9/09
Stillwater	Water/Wastewater	Sept 29-1	24 hrs	Accurate	800 516-5227	9/10/09
Stillwater	Water	Sept 29&1	16 hrs	Accurate	800 516-5227	9/10/09
Stillwater	Wastewater	Sept 30-1	16 hrs	Accurate	800 516-5227	9/10/09
Tulsa	Water/Wastewater	Oct 13-15	24 hrs	Accurate	800 516-5227	9/24/09
Tulsa	Water	Oct 13&15	16 hrs	Accurate	800 516-5227	9/24/09
Tulsa	Wastewater	Oct 14-15	16 hrs	Accurate	800 516-5227	9/24/09
Atoka	D/C Water	Oct 27-28	16 hrs	ORWA	405 672-8925	10/7/09
Stillwater	Water/Wastewater	Nov 3-5	24 hrs	Accurate	800 516-5227	10/15/09
Stillwater	Water	Nov 3&5	16 hrs	Accurate	800 516-5227	10/15/09
Stillwater	Wastewater	Nov 4-5	16 hrs	Accurate	800 516-5227	10/15/09
Midwest City	Water	Nov 10-11	16 hrs	Rose State	405 733-7488	10/21/09
Burns Flat	D/C Water	Nov 9-10	16 hrs	ORWA	405 672-8925	10/21/09
Midwest City	Wastewater	Nov 12-13	16 hrs	Rose State	405 733-7488	10/23/09

# **SCHEDULES**

Register at least two weeks in advance, for the course you want to attend. To take the registration must be postmarked no later than three weeks before the exam date. Contact your sponsor to be sure that classes will take place.



## **BEGINNING D LEVEL, CONTINUED**

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>	<b>DEADLINE</b>
Tulsa	Water/Wastewater	Nov 17-19	24 hrs	Accurate	800 516-5227	10/29/09
Tulsa	Water	Nov 17&19	16 hrs	Accurate	800 516-5227	10/29/09
Tulsa	Wastewater	Nov 18-19	16 hrs	Accurate	800 516-5227	10/29/09
Tulsa (TCC)	Water	Dec 1-2	16 hrs	Rose State	405 733-7488	11/11/09
Stillwater	Water/Wastewater	Dec 1-3	24 hrs	Accurate	800 516-5227	11/12/09
Stillwater	Water	Dec 1&3	16 hrs	Accurate	800 516-5227	11/12/09
Stillwater	Wastewater	Dec 2-3	16 hrs	Accurate	800 516-5227	11/12/09
Tulsa (TCC)	Wastewater	Dec 3-4	16 hrs	Rose State	405 733-7488	11/13/09
Midwest City	Water	Dec 15-16	16 hrs	Rose State	405 733-7488	11/25/09
Tulsa	Water/Wastewater	Dec 15-17	24 hrs	Accurate	800 516-5227	11/26/09
Tulsa	Water	Dec 15&17	16 hrs	Accurate	800 516-5227	11/26/09
Tulsa	Wastewater	Dec 16-17	16 hrs	Accurate	800 516-5227	11/26/09
Midwest City	Wastewater	Dec 17-18	16 hrs	Rose State	405 733-7488	11/27/09

## **INTERMEDIATE C LEVEL**

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>	<b>DEADLINE</b>
Tulsa	Water	Aug 11-13	24 hrs	Accurate	800 516-5227	7/23/09
Midwest City	Water	Aug 18-19	16 hrs	Rose State	405 733-7488	7/29/09
Midwest City	Wastewater	Aug 20-21	16 hrs	Rose State	405 733-7488	7/31/09
Midwest City	Water	Aug 25-28	32 hrs	Rose State	405 733-7488	8/7/09
Tulsa	Wastewater	Sept 8-10	24 hrs	Accurate	800 516-5227	8/20/09
Stillwater	Water	Sept 15-17	24 hrs	Accurate	800 516-5227	8/27/09
Midwest City	Wastewater	Sept 15-18	32 hrs	Rose State	405 733-7488	8/28/09
Tulsa (TCC)	Water	Sept 29-30	16 hrs	Rose State	405 733-7488	9/9/09
Tulsa (TCC)	Wastewater	Oct 1-2	16 hrs	Rose State	405 733-7488	9/11/09
Stillwater	Wastewater	Oct 6-8	24 hrs	Accurate	800 516-5227	9/17/09
Tulsa	Water	Oct 20-22	24 hrs	Accurate	800 516-5227	10/1/09
Tulsa	Wastewater	Nov 10-12	24 hrs	Accurate	800 516-5227	10/22/09
Midwest City	Water	Nov 17-18	16 hrs	Rose State	405 733-7488	10/28/09
Midwest City	Wastewater	Nov 19-20	16 hrs	Rose State	405 733-7488	10/30/09
Midwest City	Water	Dec 1-4	32 hrs	Rose State	405 733-7488	11/13/09
Tulsa	Water	Dec 8-10	24 hrs	Accurate	800 516-5227	11/19/09

**ADVANCED A/B LEVEL**

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>	<b>DEADLINE</b>
Midwest City	A/B Wastewater	Aug 4-7	32 hrs	Rose State	405 733-7488	7/17/09
Tulsa (TCC)	A/B Wastewater	Oct 13-16	32 hrs	Rose State	405 733-7488	9/25/09
Stillwater	A Wastewater	Oct 19-23	38 hrs	Accurate	800 516-5227	10/2/09
Stillwater	B Wastewater	Oct 19-22	30 hrs	Accurate	800 516-5227	10/1/09
Midwest City	A/B Water	Nov 3-6	32 hrs	Rose State	405 733-7488	10/16/09
Midwest City	A/B Wastewater	Dec 15-18	32 hrs	Rose State	405 733-7488	11/27/09

**LABORATORY**

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>	<b>DEADLINE</b>
Muldrow	C Water	Aug 3-6	32 hrs	ORWA	405 672-8925	7/16/09
Stillwater	C Wastewater	Aug 10-13	32 hrs	Accurate	800 516-5227	7/23/09
Vian	C Wastewater	Aug 10-13	32 hrs	ORWA	405 672-8925	7/23/09
Perry	C Water	Aug 24-27	32 hrs	ORWA	405 672-8925	8/6/09
Stillwater	B Wastewater	Aug 24-27	32 hrs	Accurate	800 516-5227	8/6/09
Stillwater	A Wastewater	Aug 24-28	40 hrs	Accurate	800 516-5227	8/7/09
Midwest City	C Water	Aug 25-28	32 hrs	Rose State	405 733-7488	8/7/09
Midwest City	A/B Water	Sept 8-11	32 hrs	Rose State	405 733-7488	8/21/09
Perry	C Wastewater	Sept 14-17	32 hrs	ORWA	405 672-8925	8/24/09
Midwest City	C Wastewater	Sept 15-18	32 hrs	Rose State	405 733-7488	8/28/09
Stillwater	B Water	Sept 21-24	32 hrs	Accurate	800 516-5227	9/3/09
Stillwater	A Water	Sept 21-25	40 hrs	Accurate	800 516-5227	9/4/09
Midwest City	A/B Wastewater	Oct 6-9	32 hrs	Rose State	405 733-7488	9/15/09
Stillwater	C Water	Nov 16-19	32 hrs	Accurate	800 516-5227	10/29/09
Midwest City	C Water	Dec 1- 4	32 hrs	Rose State	405 733-7488	11/13/09
Stillwater	C Wastewater	Dec 14-17	32 hrs	Accurate	800 516-5227	11/26/09

**GENERAL/RENEWAL TRAINING**

<b>LOCATION</b>	<b>SUBJECT</b>	<b>DATES</b>	<b>CREDIT</b>	<b>SPONSOR</b>	<b>PHONE</b>
Sapulpa	Workplace Violence	Aug 26	4 hrs	Central Tech	918 224-0235
Wynnewood	Analysis Reports	Aug 26	4 hrs	ORWA	405 672-8925
Sapulpa	Workplace Violence	Aug 27	4 hrs	Central Tech	918 224-0235
Hulbert	Board Member	Sept 17-18	10 hrs	ORWA	405 672-8925
Sapulpa	HIV-Hepatitis B	Sept 23	4 hrs	Central Tech	918 224-0235
Sapulpa	HIV-Hepatitis	Sept 24	4 hrs	Central Tech	918 224-0235
Stillwater	Sampling	Dec 11	8 hrs	Accurate	800 516-5227

## EMPLOYEE HIRE / DEPARTURE 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 departing.

Employer's Name \_\_\_\_\_ Facility ID # \_\_\_\_\_

Employer's Address \_\_\_\_\_  
\_\_\_\_\_

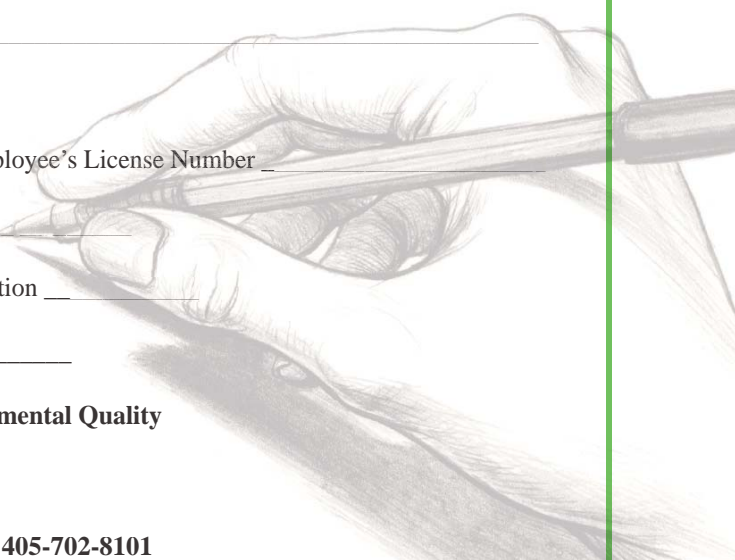
Employee's Name \_\_\_\_\_ Employee's License Number \_\_\_\_\_

Water Classification \_\_\_\_\_ Wastewater Classification \_\_\_\_\_

Water Lab Classification \_\_\_\_\_ Wastewater Lab Classification \_\_\_\_\_

Date Employed \_\_\_\_\_ Date Departed \_\_\_\_\_

Please return this form to: **Oklahoma Department of Environmental Quality**  
**Attn: Operator Certification**  
**Water Quality Division**  
**PO Box 1677**  
**OKC, OK 73101-1677 OR Fax to 405-702-8101**



**looking for answers??**  
**Log onto <http://sdwis.state.ok.us>**

*What are my sampling requirements?*  
*What were the results of the last Nitrate Sample?*  
*What violations have I received?*  
**WHERE ARE MY SAMPLING LOCATIONS?**

<http://SDWIS.DEQ.STATE.OK.US>



707 N. Robinson  
Oklahoma City, OK 73101

Presorted Standard  
U. S. Postage PAID  
Oklahoma City, OK  
Permit No. 1324

AUGUST 2009

## OPERATOR CONFERENCES

**ORWA**  
Western Hills Lodge  
Sequoyah State Park  
(Hulbert, OK)

September 17-18, 2009

Golf and Bass  
Tournament Sept 16

BBQ at 5:30 pm Sept 17

For registration and additional information call 405 672-8925 or go to [okruralwater.org](http://okruralwater.org)

**OWPCA**  
Annual  
Short School

October 26-30, 2009

Golf tournament  
Choctaw Creek Golf  
Course  
October 26

For registration and additional information call 800 766-9722 or go to [www.owpca.com](http://www.owpca.com).

### **FEE INCREASE EFFECTIVE JULY 1, 2009**

Fees for operator certification licensure have been increased to the following:

Renewal fee **\$46**

Exam Application fee **\$62**

Temporary Application fee **\$62**

Non-Certified Helper Application fee **\$23**

Late fees (per month) **\$8**



This publication is printed on recycled paper and issued by the Oklahoma State Department of Environmental Quality as authorized by Steven A. Thompson, Executive Director. 7500 copies were produced at a cost of \$1,552.50. Copies have been deposited with the Publications Clearinghouse of the Oklahoma Department of Libraries.