



# Drip Newsletter

OWPCA Quarterly Publication  
P. O. Box 946  
Woodward, Oklahoma 73802  
800-776-9722

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*Drip Newsletter  
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Letter from "Drip" and "Drop"

Hello Everyone

Summer time is upon us and the Annual OWPCA Short School is just around the corner. Make sure to read about the OWPCA Short School Updates further in the Newsletter and the OWPCA Web Site.

I hope everyone took care of their renewal hours and renewed their licenses without a hitch. Oklahoma provides so many great resources for training classes to obtain and update your operator and laboratory certifications. That is why I believe OWPCA plays such an important role in the communication and continuing education for their operators and laboratory technicians in Oklahoma. There are so many opportunities for an operator and lab tech to network with each other and the vendors represented in Oklahoma through the OWPCA organization. The best place to do this is at the OWPCA Short School in October. OWPCA sponsors some great classes and awards to the outstanding operators, lab techs and facilities at the Short School each year. If you are not a member, yet, become one and come to the OWPCA Short School. You will be glad you did.

If you are a newcomer to the world of water and wastewater treatment, you may be beginning to realize the complexity of how important it is to know how to properly treat the water and wastewater we all need and use in Oklahoma. There is more than just the treatment of water and wastewater we have to deal with during our shifts. There are budgets, the public, supervisors and organizational managements, and local, state and federal officials when they come to visit, and new rules and regulations coming down the pipe all the time.

That is where you will find being a member of OWPCA comes in so helpful. Through your OWPCA membership, you will find so many resources to network. Check out our web site, [www.owpca.com](http://www.owpca.com), and our quarterly newsletter to begin your networking. We have many of the persons, organizations, and vendors who are connected and involved with OWPCA listed for you to begin your networking.

We want to thank every one of our members for contributing to the success of our organization. If you know of any operator, lab tech or vendor who is not a member yet, get them to become one today. It is the best bargain they can get for their money.

From "Drip" and "Drop"



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Check out our Web Site at:

**WWW.OWPCA.COM**

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### **About OWPCA**

The Oklahoma Water and Pollution Control Association is a non-profit operator association organized in 1926 and dedicated to the advancement of knowledge among water and wastewater system operators.

OWPCA receives no state or federal funds. It is supported only through membership dues, advertising fees for the Drip Magazine, and the proceeds from its Annual Conference and Short School, held each year during the last week of October.

OWPCA works closely with the Oklahoma Department of Environmental Quality to provide high quality training opportunities that meet the standards for approved training credit. OWPCA District Directors and other volunteers conduct training sessions at District Meetings throughout the state. Over the years OWPCA has hosted hundreds of District Meetings providing approved Training to Operators over the State of Oklahoma.

### **OWPCA Mission**

OWPCA is dedicated to the advancement of knowledge pertaining to the science of Water, Waste Management and Wastewater Works Operations; the promotion of cooperation among members, the American Water Works Association, AWWA, the Water Environment Federation, WEF, the Oklahoma Rural Water Association, ORWA, and the Oklahoma Department of Environmental Quality, ODEQ; and the interchange of experience among all groups.

### **What OWPCA Provides**

- An Annual Conference & Short School
- Approved Operator Training at District Meetings Statewide
- Operator Training Materials and Publications
- Opportunities to “Network” with fellow Operators
- Limited Operator Consultation Services
- College Scholarships for Members and Families of Members
- Special Recognition for Outstanding Plants and Operators through Annual Awards Program
- Official Representation for Operators on Oklahoma Water and Wastewater Operator Certification Advisory Council
- Representation for Oklahoma Operators in National Legislation and Policy Development through AWWA & WEF
- Statewide Employment Listings for Positions Wanted and Positions Available
- Product and Service Referrals for Vendors

### **Reasons To Join OWPCA**

- Support your State Water, Waste Management and Wastewater Operator Association
- Receive Drip Magazine Quarterly
- Be Eligible for door prizes at OWPCA District Meetings
- Have Voting Privileges at OWPCA District Meetings
- Support Use of Most Current Operator Training Materials
- Gain a Stronger Voice in the Development of State and National Water and Pollution Control Regulation

**OWPCA**

**Officers**

President - Rodger Gilchrist

Executive Secretary - Kristi Hill

Program Chair - Carl Gray

Golf Tournament  
- Chair - Robert Turner  
- Co-Chair - Ray Gamble

Exhibitor Committee  
- Chair - Scott Gouard  
- Co-Chair - Kristi Hill  
- Co-Chair - Kevin Menning

Scholarship Committee  
- Chair - Arnold Miller  
- Co-Chair - Carl Gray  
- Co-Chair - Woody Epperson  
- Co-Chair - Jim Pumphrey  
- Co-Chair - Tom Tolbart  
- Co-Chair - Tony Lacy

Awards Committee  
- Chair - Jim Pumphrey  
- Co-Chair - Alan Coffin  
- Co-Chair - Sam Drain  
- Co-Chair - Woody Epperson

Advisory Council  
- Chair - Chris Wisniewski  
- Co-Chair - Carl Gray  
- Co-Chair - Jim Pumphrey  
- Co-Chair - Alan Coffin  
- Co-Chair - Arnold Miller

Education Committee  
- Chair - David Rodriguez  
- Co-Chair - Woody Epperson

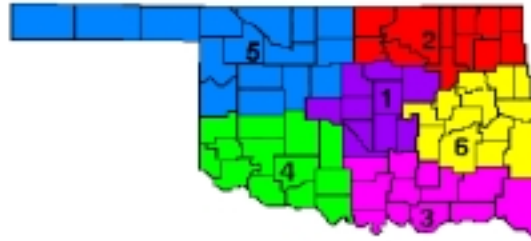
Water Works Division  
- Chair - Sam Drain  
- Co-Chair - Mike McFall

Water Pollution Control Division  
- Chair - Brian Conroy  
- Co-Chair - Donnell Byndom

Membership  
- Chair - Alan Coffin  
- Co-Chair - Kevin Menning  
- Co-Chair - Scott Gouard  
- Co-Chair - David Rodriguez

Editor of Web & Drip Publication  
- Clarke Hodson

ODEQ Advisory Member  
- Chris Wisniewski



**District Managers**

**District One**

Fred Rice 405-216-7696

**District Two**

Kevin Menning 1-800-227-4224 ext 2132

**District Three**

Ron Swafford

**District Four**

Mike McFall 580-225-4995

**District Five**

Joyce Hight 580-249-4919

**District Six**

Vivian Moody 888-429-1440



**OWPCA Meetings**



OWPCA holds District Meetings throughout the year to discuss and plan for the Annual OWPCA Short School, training classes throughout the the state, and operating business of the OWPCA. The meetings are open for the public and members to attend. We do urge everyone to attend or contact your District Manager to express your interests and inputs for the organizational meetings. The following is the the current schedule for the OWPCA Meetings. We hope to see you there.

16 February 2007 Del City Water Plant

20 April 2007 Del City water Plant

08 June 2007 Del City Water Plant

10 August 2007 Del City Water Plant

**22 - 26 October 2007**

**Short School - Clarion Hotel**

14 December 2007 Del City Water Plant

### The President's First Word

When I was a young operator (back in the dark ages), I had the privilege of studying under Dempsey Hall. Dempsey often told those of us who were studying to take a license exam, that some of the hardest waters we would have to treat would be the political ones. One of the few tools we operators have to “treat” those political waters is education. Education will help all



operators; some to solve problems and possibly save their life, others, how to express the needs and justify priorities for the budget. Education helps managers to understand what is coming down the pipeline in the form of regulations. Education also helps council members to understand where the clean water flowing out of the tap to drink and use originates. This clean water comes not from a group of folks wearing a badge or on the front page of the local paper, nor do we see them on TV, rather it comes from a small, usually unrecognized, group of folks called Operators. I have considered it an honor to be called an OPERATOR. Not many people know what we do and fewer seem to care as we struggle though the crisis of the day. But, for those of us who know what operators do and mean to the towns, Rural Water Districts or Cities they work for, I would like to take this opportunity to say “Thank You” and tell you I hope I see you at the OWPCA Short School!

**Rodger Gilchrist**



### OWPCA Short School Updates

The 2007 OWPCA Short School Schedule is finalized! You will find it on the following pages along with enrollment and membership forms. If you need further Membership, Vendor and Short School Registration forms, please go to our web site at [www.owpca.com](http://www.owpca.com) or call Kristi Hill at 1-800-776-9722.

We are real excited about this year's Short School. We are still taking nominations for Operator, Lab Tech and Facility Awards. So, if you know of any outstanding operator, lab tech, or facility, who has contributed significantly to the industry, please let us know.

You can check out some of last year's winners on the OWPCA Web Site at [www.owpca.com](http://www.owpca.com).

# OWPCA Short School

October 22 - 26, 2007  
Clarion Hotel  
Oklahoma City, Oklahoma

## **Water & Wastewater Program**

<u>Time</u>	<u>Class Title / Company</u>	<u>Speaker</u>
-------------	------------------------------	----------------

### Tuesday

08:00 - 08:55	Tulsa Divers	Geraldine Dildine
09:00 - 09:55	Asset Mang & Root Control	B. Conroy / Dukes
10:00 - 10:30	Break / Exhibit Hall/ Outside Demo	
10:30 - 11:30	Frontier Logging	Francis Weedon
11:30 - 01:00	Lunch	
01:00 - 01:55	CCTV for Sewers	Baker Equipment
02:00 - 03:00	Boring & Shoring	Ditch Witch
03:00 - 03:30	Break / Exhibit Hall/ Outside Demo	
03:30 - 04:30	Fire Hydrant Repair	

### Wednesday

08:00 - 08:55	Flow Meters	Hersey Meters
09:00 - 09:55	Back Flow Devices	Ford Meter Boxes
10:00 - 10:30	Break / Exhibit Hall/ Outside Demo	
10:30 - 11:30	Sewer Evaluations	Wayne Brown / CES
11:30 - 01:00	Lunch	
01:00 - 02:55	Trench Less Sewer Repair	Ray Greek / Otis
03:00 - 03:30	Break / Exhibit Hall/ Outside Demo	
03:30 - 04:30	Lab Safety	JaJa / City of Edmond

### Thursday

Presented By  
Workplace Safety Specialist

08:00 - 12:00	Trench Safety / 4-Hour Course Certification
12:00 - 12:55	Lunch
01:00 - 05:00	Confined Space Safety / 4-Hour Course Certification

**2007**  
**OWPCA Short School**  
**General Classes**

All Classes are from 08:00 - 04:30

<b><u>Class</u></b>	<b><u>Dates</u></b>	<b><u>Hours</u></b>	<b><u>Instructor</u></b>
Class "D" W & WW Oper	Oct 23, 24, 25	24	Mike McFall (City of Elk City)
Class "C" Water Oper	Oct 24 & 25	16	Bill Clark (Rose State)
Class "C" WW Oper	Oct 24 & 25	16	Tim Wincapaw (ORWA)
Class "A/B" W Oper (Review Only)	Oct 23, 24, 25	24	Carl Gray (City of Mustang)
Class "A/B" WW Oper (Review Only)	Oct 23, 24, 25	24	Fred Rice (City of Edmond)

**Golf**

What: Two - Person Scramble  
Where: Broadmoore Course (City of Moore)  
When: Monday, 22 October 2007  
Cost: \$50 per person

**Rooms at the Clarion**

Singles: \$69.00  
Doubles: \$79.00

**Oklahoma Water & Pollution Control Association**  
**2007 Short School Registration**  
**2007-2008 OWPCA Membership**

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Last Name (Please print)	First Name	MI	
Mailing Address	City	State	Zip Code
Area Code / Phone Number	Employer	OWPCA District #	

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E - Mail Address

Short School Registration Full (includes membership).....\$90.00 (\$105 at door)  
Short School Registration One Day (includes membership).....\$70.00 (\$85 at door)  
Double A Breakfast (not included with registration) Wed. morning ..... \$15.00  
*(please check if new member)*  
2007-2008 Annual Membership Dues ONLY ..... \$10.00  
Total Enclosed ..... \$ \_\_\_\_\_

Purchase Order Number \_\_\_\_\_

Please Mail with Check or Purchase Order by September 1, 2007 to:

OWPCA  
Kristi Hill, Exe. Secretary  
P.O. Box 946  
Woodward, OK 73802

For further information or information about Corporate Memberships,

please contact us at:  
Phone 1-800-776-9722  
Fax # 580-256-5867  
E-Mail: owpca@itlnet.net  
Web Page: www.owpca.com

**Don't forget to make your reservations with:**

Clarion Meridian Hotel and Convention Center  
737 South Meridian  
Oklahoma City, Oklahoma  
405-942-8511

Make sure you let them know you are with OWPCA. This will help our organization keep down costs and allow us to continue to offer our annual Short School for years to come.

*Thank You For Your Support !*  
**Over 50 Exhibits**  
**Annual Awards**  
**Entertainment & Door Prizes**

**“Rules & Regulations” Corner**



**Operator Renewal Hours and License Renewals Procedures**

The treatment of water and wastewater in Oklahoma is regulated by the EPA and ODEQ. The “Rules & Regulations” concerning the Oklahoma Operators and Laboratory Technicians can be found in the ODEQ [Chapter 252:710 Waterworks and Wastewater Works Operator Certification](http://www.deq.state.ok.us/mainlinks/deqrules.htm) on the ODEQ web site at: <http://www.deq.state.ok.us/mainlinks/deqrules.htm>.

**This month’s topics concerns:      Operator Renewal Hours and License(s) Renewal.**

According to Chapter 252:710-1-7 Renewals:

**(a) Individual Responsibility.** Each person is responsible for renewing or reactivating his certification by the annual renewal date. Failure to receive a renewal invoice does not extend the renewal deadline. The renewal application shall be completed and submitted to the DEQ with the renewal invoice and all applicable fees by 4:30 p.m. on or before June 30. If any date specified in this section falls on a weekend or holiday, the date of the following working day shall be the effective date.

**(b) Failure to renew.** A person who has failed to renew a certification may apply for reactivation in accordance with 59 O.S. § 1107(E) and 252:710-1-8.

**(c) Continuing education.** Four (4) hours of approved training per certificate year is required for certification renewal, reactivation or reinstatement. Experience may not be substituted for required training.

**(d) Exception.** A person who submits all documentation required by 252:710-1-5 and passes the exam as required by 252:710-1-6 between April 1 and June 30 shall not be required to renew the newly obtained certification until June of the next calendar year.

So, to have the fullest understanding of renewing your certification and obtaining operator renewal hours, please take some time to read and understand the “Rules & Regulations” regulating our industry. Remember, if you want the public and your city administrators to treat you and pay you like a professional, you must act like a professional. Follow the “Rules & Regulations” as mandated by the EPA and ODEQ.

\* \* \*

**Famous Quotes**

Society, my dear, is like salt water, good to swim in but hard to swallow.  
- Arthur Stringer, “The Silver Poppy”

Knowledge speaks, but wisdom listens.      - Jimi Hendrix

Some cause happiness wherever they go; others, whenever they go. - Oscar Wilde 1854-1900

Obstacles are those frightful things you see when you take your eyes off your goal.  
- Henry Ford 1863-1947

## Games & Comic Relief



k r y a r g l r a c t n i e t y t s r  
 r o o t o n y l a c y r c h e s r c r  
 i o r o t c o g r i e i g m y e g r y  
 s b n e t u d s m n r i i e l l t y s  
 t f o s r s a t r d h k r l l b y i a  
 i g c a w o e u e e e h i r z m c k u  
 h t n a r a t r c m p m r e t a l s d  
 i r a c o t f y c m d p u k r g a w o  
 l a i n r r o f u l r g e c u y r e t  
 l b r e n j a p o a i v c y o a k i h  
 d l b p l l m n n r i g o l d r e n d  
 r o i t l i r t d n d i r w o o h s l  
 r t c a j a i o m s r y s e p b o i a  
 s m v b v o r e o h i c u g g r d w a  
 f o d m o d n y b l l e n n o d s s e  
 i t r d i n i f f o c n a l a c o i f  
 l j o v i n i s k s a m d r a i n r c  
 d u a n e c a l h o u n d o w c r h d  
 r d g o l i z n d r a u o g t t o c s

Rodger Gilcrest  
 Jim Pumphrey  
 Fred Rice  
 Ron Swafford  
 Joyce Hight  
 Ray Gamble  
 Scott Gouard  
 Woody Epperson  
 Tony Lacy  
 Alan Coffin  
 Brian Conroy  
 Clarke Hodson

Duane Calhoun  
 Kristi Hill  
 Kevin Menning  
 Mike McFall  
 Carl Gray  
 Robert Turner  
 Arnold Miller  
 Tom Tolbart  
 Sam Drain  
 David Rodriguez  
 Donnell Byndom  
 Chris Wisniewski

Teacher: What is the formula for water?

Student: H, I, J, K, L, M, N, O

Teacher: That's not what I taught you.

Student: But you said the formula for water was...H to O.

### Riddle

I am the ruler of shovels,  
 I have a double.  
 I am as thin as a knife,  
 I have a wife.  
 What am I?

**Answer: The King of Spades (Card)**

What is the beginning of eternity, the end of time and space, the start of every end, and the end of every race?



### Quiz Questions

1. The chlorine that remains after the chlorine demand has been satisfied is called:

- a. Chlorine dose
- b. Chlorine Residual
- c. Chlorine Demand

2. The optimum concentration of fluoride to public water supplies has been determined to be:

- a. 0.5 mg/l
- b. 1.0 mg/l
- c. 1.5 mg/l

3. The valve at the bottom of the well tubing to prevent drainage of the tubing is called the:

- a. Double Ball Valve
- b. Foot Valve
- c. Motor Valve
- d. Pump Valve

4. How many gallons of water must be added to five gallons of a 5% hypochlorite solution to make a 0.5% hypochlorite solution?

- a. 10
- b. 25
- c. 30
- d. 45
- e. 95

Advertise in The Drip Newsletter



How would you like to get your company's name and advertisement seen by hundreds, maybe thousands, of operators, supervisors, superintendents, and city officials? You know, advertisements that would be seen by the actual people who buy your products. You can do that by placing your company's advertisement in the **OWPCA Drip Newsletter**. Go to the OWPCA web page at [www.owpca.com](http://www.owpca.com) and check out the advertisement form and send it in today. Not only will you get big advertisement for your dollars, you will also be supporting a great organization. So, what are you waiting for, go place an advertisement today.

Advertisers

Duke's Root Control, Inc.  
Brian Conroy  
1020 Hiawatha Blvd., West  
Syracuse, New York 13204  
315-472-4781  
www.dukes.com

Frontier Logging Corporation  
Francis Weedon & Johnny Just  
7221 NW Third  
Oklahoma City, Oklahoma 73127  
www.frontierlogging.com  
borholog@sbcglobal.net

Haynes Equipment Company  
117 NW 132<sup>nd</sup>  
Oklahoma City, Oklahoma 73114  
405-755-1357  
info@haynes-equipment.com

Nomography Training  
Gaines Bradford Jackson  
1260 Three Oaks Circle  
Midwest City, Oklahoma 73130-5309  
www.geocities.com/gainesb2000  
sewage1@juno.com

Advertisers

Oklahoma One-Call System, Inc.  
Doug MacMillan  
2831 NW 59<sup>th</sup> Street  
Oklahoma City, Oklahoma 73112  
www.callok.com  
dmacmillan@callok.com

Rose State College  
Stan Greil & Bill Clark  
6420 SE 15th Street  
Midwest City, Ok 73110  
405-733-7488

Southwest Chemical Services, Inc.  
Rodger Gilchrist  
1227 East Washington  
McAlester, Oklahoma 74502  
1-800-256-3345  
rodger\_gilchrist@yahoo.com

Southwest Service and Equipment  
Tom Tolbart  
9898 North 167 East Avenue  
Owasso, Oklahoma 74055  
918-272-5273  
Sswse1@aol.com



Wow! Look at my company's advertisement in the **OWPCA Drip Newsletter**. It looks **GREAT!** I am so glad I did.



## **Drip Newsletter**

**Volume 32 Issue 3 July - September 2007**

*Drip* is the official publication of the Oklahoma Water and Pollution Control Association (OWPCA), published quarterly by the Publication Committee. The Association is a non-profit corporation dedicated to the improvement of water quality through operator training in the state of Oklahoma. Opinions of editorials and / or the Publication Committee do not necessarily reflect the official positions of the association or officers. Neither the Association or *Drip* accept responsibility for statements or claims made by advertisers for their products and / or services nor for published articles. Submit news articles, organization-related correspondence and letters to Clarke Hodson, OWPCA, P. O. Box 946, Woodward, Oklahoma 73802. Subscription to *Drip* is through membership in the Oklahoma Water and Pollution Control Association.

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