



Drip Newsletter

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

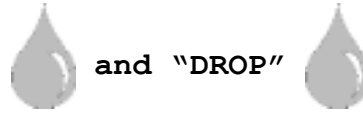
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Letter from "DRIP" and "DROP"



Hello Everyone,



This newsletter is packed with plenty of useful information about the Short School and the world of Oklahoma Water & Wastewater Treatment.

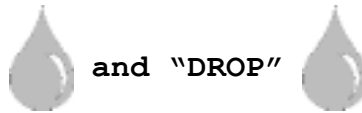
The OWPCA Annual Short School is approaching fast. Have you taken the opportunity to nominate that wonderful co-worker, supervisor, superintendent or plant for an award yet? Well, you better hurry, the cut off time is approaching fast.

The Short School Schedule is being organized as you read this. A preliminary schedule is enclosed in this newsletter. It is not too late to add additional items if you have certain requests or offering additional activities, please notify us before it becomes too late.

Make sure to check out the article on the **OWPCA Web Page (www.owpca.com)** titled **"Losing Wells To Arsenic?"** written by Mary Elizabeth Mach with assistance by Jon Hetzel. The article describes the new project conducted by Norman, Oklahoma on arsenic removal. You can read this article at the following web address:

http://www.owpca.com/news_updates.htm

From "DRIP" and "DROP"



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
- Arnold Miller
- Executive Secretary
- Kristi Hill
- Program Chair
- Alan Coffin
- Golf Tournament
- Chair - Ray Gamble
- Co-Chair - Riley Acker
- Exhibitor Committee
- Chair - Scott Gouard
- Co-Chair - Kristi Hill
- Scholarship Committee
- Chair - Arnold Miller
- Co-Chair - Carl Gray
- Co-Chair - Jim Pumphrey
- Co-Chair - Tom Tolbart
- Awards Committee
- Chair - Alan Coffin
- Co-Chair - Sam Drain
- Co-Chair - Rodger Gilchrist
- Advisory Council
- Chair - Chris Wisniewski
- Co-Chair - Bill Clark
- Co-Chair - Jim Pumphrey
- Co-Chair - Alan Coffin
- Co-Chair - Arnold Miller
- Education Committee
- Chair - Bill Clark
- Water Works Division
- Chair - Sam Drain
- Co-Chair - Mike McFall
- Water Pollution Control Division
- Chair - Joyce Hight
- Membership
- Chair - Alan Coffin
- Co-Chair - Kevin Menning
- Co-Chair - Scott Gouard
- Co-Chair - Kristi Hill
- 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



2009 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.

- 03 April 2009 Rose State College
12 June 2009 Rose State College
07 August 2009 Rose State College

October 2009

**Short School - Rose State College
Professional Training & Education Center**

The President's First Word

I am not sure what date you will be receiving this newsletter. However, this is the time of annual certification renewals and hopefully your information is already submitted to ODEQ. This year renewals should be much smoother for both the operator and the staff at ODEQ . Some of the identity and citizenship requirements have been relaxed and all the "old" operators have already provided the materials to prove they were actually born. The staff in Certification and Renewal do a great job considering the thousands of renewals handled in such a short time.



There have been some really good renewal training meetings held around the state, thanks to OWPCA district directors and other operators. Some of these meetings have additional perks, such as free Bar B Q. Also, a huge thank you to ODEQ and Rose State College staff for providing the Talk Back TV training. This is a good place to promote the Annual OWPCA Short School and Conference held on the campus of Rose State in October each year. As an operator and a supervisor I have taken advantage of all these training sources. These training opportunities allow for adequate renewal hours and still maintain sufficient staff at the plant and in the field for full operations.

Congratulations to Joyce Hight of Enid, Director for OWPCA District # 5, on her retirement. She has done an excellent job for the OWPCA and her community. Time will tell how much Joyce and her expertise is missed. Dedicated, qualified leadership is getting harder to find in our chosen profession. It should not be this way, but many quality young men and women find it much easier to make a living in other fields. Utilities, whether they are privatized or government operated, for the most part have good benefits. Thankfully, there is a great number of qualified, trained operators in our field at present, but like Joyce, experienced leadership is retiring and utilities need to be recruiting good replacements.

We have always heard, "There are two things certain in life, death and taxes." I contend there is a third certainty, "Change." Nothing stays the same, working conditions, weather, health, wealth, friendships, transportation and the list goes on. As experienced people leave this field some one else will take their place. This certainly is change.

Until next time, Arnold.

Arnold Miller
President, OWPCA
112 E. Rainey
Weatherford, OK 73096
580-772-4365

amfm112@cebridge.net

Oklahoma Water & Pollution Control Association

P.O. Box 946

Woodward, OK 73802

1-800-776-9722 or 580-256-9722

www.owpca.com

Individual Active Membership Application

Name _____

Mailing Address _____

City _____ State _____ Zip Code _____

Phone Number (____) _____ - _____

E-Mail Address _____

Employer: _____

Individual Membership \$10.00

Invoice Information

City / Company Name: _____

Billing Address: _____

City: _____ State _____ Zip _____

Please mail Membership Application with Membership Dues to the above address.

Thank You and Welcome to the OWPCA.

We are looking for news & information about our members and communities that we can "Brag About." If you have a story to tell and would like to see it in the DRIP Newsletter and or the OWPCA Web Page, send it along to any of the Executive Committee Members or to Clarke Hodson at docentstw@brightok.net and ask them to consider it for the DRIP Newsletter and or the Web Page. We will try to utilize it as space is allowed. We reserve the right to edit it as necessary to accommodate it to the space available.

* * *

Note about Clarke Hodson

If you have not heard, Clarke Hodson is not employed with Accurate Environment Training Center as the Training Administrator any more. Clarke had been with AETC since day one (October 22, 1997) and has enjoyed every minute of assisting the industry to provide training for not only Oklahoma, but also for Texas, Arkansas, Kansas, New York, Wyoming, and other states. The reason for him leaving AETC is he began Dialysis three times a week back in September 2008 and it was taking up too much of his time away for the Training Center. He stayed on long enough to train the new Training Adminstrator, Jeff Clarke. So, make sure to say "Hi" to Jeff and introduce yourself if you have not had the pleasure of speaking with him yet. He will be glad to take care of your training needs.

Clarke Hodson is staying busy taking care of the OWPCA Web Site and the OWPCA "DRIP" Newsletter. Clarke wants everyone to know he appreciates all the positive comments and prayers he has received from accross the state. He is doing a lot better now that he has gotten into the routine of dialysis three times a week.

Clarke would like everyone to know he would appreciate any stories, infomation, photos, etc. you can provide that we can utilize on the OWPCA Web Page or "DRIP" Newsletter. Both of these are a vital means of getting infomation to the operators. He is trying to keep the available training classes posted on the OWPCA Calendar on their Web Site, www.owpca.com. So, if you have any Training Classes or Renewal Hour Classes you wish us to post, please do not hesitate to contact him at his e-mail docentstw@brightok.net. He is looking forward to receiving stories and / or photos of improvements in the facilities and employees from around the state. If you have something or someone to brag about, this is a great way of doing it.

Again, he wants to thank everyone for their positive inputs and looking forward to hearing from you to help make the OWPCA Newsletter and Web Page as useful as possible for everyone.

* * * * *



Laboratory Operator Requirements

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 on the ODEQ web site at: <http://www.deq.state.ok.us/mainlinks/deqrules.htm>.

One of the new rules governing **Laboratory Operator** is found under **252:718-5-53**.

252:710-5-53. Laboratory Operator

(a) All duties relating to the laboratory analysis of water quality samples from water treatment plants, groundwater systems, storage and distribution systems (including purchased-water systems) must be performed by or under the general supervision of a laboratory operator certified by the DEQ.

(b) Operators of laboratories owned by or associated with waterworks/wastewater works shall record the results of all laboratory analyses in a bound volume for each facility and shall date and sign each entry. Records shall be kept on file at the laboratory for inspection and review for ten (10) years for waterworks and three (3) years for wastewater works.

(c) Laboratory operator certification is not required for waterworks or wastewater works laboratory operators performing the minimum analyses required by rules of the Department for purchased water systems, groundwater systems using no treatment other than chlorination for disinfection, or for total retention lagoon facilities unless the Department has determined that additional laboratory tests, required to be performed by a certified laboratory operator, are necessary for proper operation.

So, to have the fullest understanding of operator and laboratory technician requirements and responsibilities, 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.

* * *

New Prices for the ODEQ Operator Certifications



Effective July 1, 2009, fees for operator certification licensure are as follows:

- Exam Application fee \$62
- Temporary Application fee \$62
- Non-Certified Helper Application fee \$23
- Renewal fee \$46

Did you know this about Oklahoma

- More than 450 species of birds have been recorded in Oklahoma.
- Southeast Oklahoma has one of the most diverse freshwater mussel populations in the world.
- Oklahoma has more than 78,500 miles of streams and rivers - enough to go around the world three times.
- There are more than 2,400 plant species native to Oklahoma.
- Ownership of Oklahoma forests are 74% private, 14% corporate and 12 % public.
- At 766 miles, the North Canadian River is the longest river in the state!
- Oklahoma has 11,644 miles of shoreline, about the same as the Atlantic, Gulf of Mexico, Pacific and Arctic coasts combined.
- 80% of stream water is lost through evaporation and percolation.
- It is estimated that Oklahoma loses 760 acres per day to eastern redcedar encroachment.
- Forests cover 17% of the land in Oklahoma.
- Oklahoma has 23 major aquifers.
- The number one use of water in the state is irrigation.



Taken from The Nature Conservancy Web Page

ODEQ Operator & Renewal Class Schedules Postings On The Web Site

The Rose State College, Accurate Environmental Training Center, and the OWPCA Certification and Renewal Classes are posted on the OWPCA Web Page at www.owpca.com. These classes are updated often. If you are sponsoring a class that is not listed and you would like to have listed, please contact Clarke Hodson at docentstw@brightok.net or at 405-372-1311.

OWPCA Short School Plans

The 2009 OWPCA Short School is already in the planning stages. Please contact one of the Board Members to provide any skills and talents you may have to offer and to provide any request you may have for the Short School.



The OWPCA Short School is planned for **October 26 - 30, 2009**. We are taking Award Applications and Class Topics Requests, so please start providing you application entries and Class Topics Requests **Now**.

Current OWPCA Short School Schedule

Registration - \$90 Full Registration
- \$70 One-Day Registration

Monday Oct 26 - Golf Tournament - \$50

Tuesday Oct 27 - 8:00 am - Short School Begins

Tuesday Oct 27 - 4:00 pm - Hamburger Feed

4:00 pm - Vendors are welcome to do demonstrations in the Parking Lot of Rose State

Wednesday Oct 28 - 11:30 am - Pizza Served for Lunch

11:30 am - Awards Presentations

Tues - Thurs Oct 27 - 29 - 8:00 - 4:00 Classes

Friday Oct 30 - 8:00 am - State Exams

Classes Offered:

Water Conference Classes

Wastewater Conference Classes

"A/B" Water Reviews

"A/B" Wastewater Reviews

"C" Water Classes

"C" Wastewater Classes

"D" Water & Wastewater Classes



Over 30 Vendors will be available during Short School, but space is limited, so make plans now to reserve a booth.

Games & Comic Relief

Short School Word Search

V B P W M S M A X E Q E D O R
 P Z Z R J G L W Q D X N F I W
 U U K I Y N R P Z Y E D Q T S
 G K H U L H E N N A G J R T H
 W M T I E S L A W E N E R Q K
 H V E N D E R S N B Q K S H O
 S E S S A L C L A W E N E R U
 X S D R A W A V N G I L N B N
 R Q B D K M G G X A C P W O X
 V V F C E R T I F C A T I O N
 Y N Q U A H V V O N O E H J E
 N J S L O O H C S T R O H S Y
 T R A I N I N G C L A S S E S
 G E Z X W W L R Y I L B R G C
 N S O C T O B E R S W E S I H

Awards
 Certification
 October
 ODEQ Exams
 OWPCA
 Renewal Classes
 Renewals
 Short School
 Training Classes
 Vendors



True or False

1. A break in the water main will never affect fire Hydrants?
2. Most of the water pipes that run underground were built in the last ten years?
3. A well maintained water delivery system has fewer leaks.
4. Firefighters need the water to come out of the hydrants at a high pressure?



Answers: 1-F, 2-F, 3-T, 4-T

Questions and Answers

1. What is the volume in gallons of a basin 50 feet long by 20 feet wide and by 20 feet deep?
 - A. 20,000 Gallons
 - B. 149,600 Gallons
 - C. 1,261,128 Gallons
2. What is the detention time in hours on the above basin with a flow of 1.5 MGD?
 - A. 0.32 Hours
 - B. 2.3936 Hours
 - C. 20.1780 Hours
3. How much HTH at 65% is used for a flow of 0.018 MGD and a chlorine dose of 6 mg/l is required?
 - A. 1.3857 pounds
 - B. .90072 pounds
 - C. .65799 pounds
4. How do Instructors maintain their Instructor Classification.
 - A. Score 80% or higher on a "C" Level Exam or higher.
 - B. Retake the exam(s) every four (4) years.
 - C. All of the above.

Answers: 1.B, 2.B, 3.B, 4.C

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** 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 your advertisement today.

Advertisers

Duke's Root Control, Inc.

Brian Conroy
1020 Hiawatha Blvd., West
Syracuse, New York 13204
315-472-4781
Web Site: www.dukes.com

Environmental Treatment Technologies, Inc.

Derek Shires
15300 FM 1825, Suite 101
Pflugerville, Texas 78660
512-251-5309
Web Site: www.ett-inc.com
E-Mail: Derek.Shires@ett-inc.com
Ed.Gelsone@ett-inc.com

Frontier Logging Corporation

Francis Weedon & Johnny Just
7221 NW Third
Oklahoma City, Oklahoma 73127
Web Site: www.frontierlogging.com
E-Mail: borholog@sbcglobal.net

Haynes Equipment Company

117 NW 132nd
Oklahoma City, Oklahoma 73114
405-755-1357
E-Mail: info@haynes-equipment.com

The Management Company

P. O. Box 3309
McAlester, OK 74502
Vivian Moody
918-429-1440

Advertisers

Oklahoma One-Call System, Inc.

Jerry West
2831 NW 59th Street
Oklahoma City, Oklahoma 73112
405-840-9955 Ext. 7241
Web Site: www.callok.com
E-Mail: dmacmillan@callok.com

OMNI Water Consultants, Inc.

P. O. Box 89
Vinita, OK 74301
918-323-0001

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
E-Mail: rodger_gilchrist@yahoo.com

Southwest Service and Equipment

Tom Tolbart
9898 North 167 East Avenue
Owasso, Oklahoma 74055
918-272-5273
E-Mail: Sswse1@aol.com



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

Drip Newsletter

Volume 34 Issue 2 April - June 2009

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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