



Drip Newsletter

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

Volume 35 Issue 3 July - September 2010



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2010 OWPCA Annual Short School

October 25 - 29, 2010
Rose State College
Midwest City, Oklahoma



Hello Everyone

THE OWPCA ANNUAL SHORT SCHOOL IS SCHEDULED.

Check out the registration forms, class schedules, and the golf information on the OWPCA Web page at www.owpca.com.

The Registration Form and class schedules are also in this issue on page 5, 6, 7, 8.

Fill out the registration forms, award nomination forms, and vendor's registration and send them in **NOW**.

We are still accepting award applications from those of you who have a plant operator, maintenance operator, laboratory technician, supervisor, or a plant facility who has done an excellent job this year and needs that special "Pat On The Back" and recognition with an award. You can find those applications on our web site at www.owpca.com



We are having a lot of great classes and activities this year, so get your registrations in today and we will see you at the OWPCA Annual Short School on 25 - 29 October 2010.



**See You At The Short School.
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
 - Scott Gouard
- President Elect
 - Sam Drain
- Executive Secretary
 - Kristi Hill
- Program Chair
 - Alan Coffin
- Golf Tournament
 - Chair - Ray Gamble
 - Co-Chair - Riley Akers
- 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 - Mike McFall
 - Co-Chair - Alan Coffin
- Water Pollution Control Division
 - Chair - Kris Neifing
 - Co-Chair - Carl Gray
- 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
 - Kris Neifing
- District Two
 - Kevin Menning 1-800-227-4224 ext 2132
- District Three
 - Ron Swafford
- District Four
 - Mike McFall 580-225-4995
- District Five
 - Jack Olson 580-772-5315
- District Six
 - Vivian Moody



2010 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.

- 09:30 am 11 Dec. 2009 Rose State College
- 09:30 am 09 April 2010 Rose State College
- 09:30 am 18 June 2010 Rose State College
- 09:30 am 06 August 2010 Rose State College
- 25-29 October 2010

Short School - Rose State College
Professional Training & Education Center

The President's First Word

I would like to take a moment and thank all the water and wastewater utility personnel across this great state that work twenty-four hours a day, three hundred sixty five days a year providing safe, clean quality water to all Oklahomans.



The retirement of baby boomers is affecting water and wastewater systems now, and it will become more acute in the next 10 to 15 years. The reasons young people are not jumping on these jobs is hard to define. Inadequate compensation, on call 24-hours a day, liability for public safety, endless government regulation, and lack of glamour are said to be the main contributors. Another factor is passing the operator certification exam.

The new "Y Generation" is much more driven by main frame technology than by a shovel. Most new college students that enter the field usually go the engineering degree route motivated by dollars. Ask any college student what a water operator does, and expect a blank stare.

There are some states that now are recruiting during job fairs and on high school campuses. Another problem that is occurring is the "brain drain" phenomena. Probably the costliest and most troubling aspect of losing these retirees is the on-the-job knowledge that leaves with them. Many systems have no maps or blue prints. The knowledge is all in the operators head. Your utility should develop a strategy for effective retention of knowledge so that future certified operators can move in much more efficiently. If there are any!

Scott Gouard
President

Have Your Accomplishments and Announcements in the
OWPCA Newsletters and Web Site.



Do you have any "Bragging Rights?" Has your facilities made any updated, major improvements, and/or won awards, please let us know with the news and/or pictures. We would love to post them in our newsletter and web site.

Also, has any of your employees or supervisors won awards or made some outstanding accomplishments, let us know. We would love to put their picture and accomplishments in our newsletter and web site, i.e. license upgrades, outstanding exam scores, major accomplishments at their facilities, etc.

Submit information and photos to Clarke Hodson at docentstw@brightok.net.

Oklahoma Water & Pollution Control Association
2010 Short School Registration
2010-2011 OWPCA Membership

Last Name (Please print)	First Name	MI
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Mailing Address	City	State	Zip Code
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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)
2009-2010 Annual Membership Dues ONLY \$10.00

Total Enclosed \$ _____

Purchase Order Number _____

Please Mail with Check or Purchase Order:

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@yahoo.com
Web Page: www.owpca.com

**Oklahoma Water & Pollution Control Association
2010 Annual Short School
October 25 - 29, 2010
Rose State College
Professional Education & Training Center
North Hudiburg Drive and Paris Road
Midwest City, Oklahoma 73110**

WATER PROGRAM

MONDAY 25 October 2010

09:00 - 11:00 Golf Outing - Tee Off Choctaw Creek Golf Course

01:00 - 04:00 Vendor Set-Up

TUESDAY 26 October 2010

09:00 - 10:00 "You found what in my clearwell?"

Tulsa Divers / Gerald Dildine

10:00 - 10:30 BREAK

10:30 - 11:30 Laboratory Safety

Accurate Labs / Dr. Ali Fazel

11:30 - 01:00 Lunch Break

01:00 - 02:00 "The need for down hole video"

Frontier Logging /Francis Weeden

02:00 - 03:00 Concrete Repair, Protect, Improve "What your tanks are leaking"

Belzona / Drew Johnson

03:00 - 03:25 BREAK

03:30 - 04:30 Pump / Shaft Repair, Protect, Improve

Belzona / Drew Johnson

WEDNESDAY 27 October 2010

08:00 - 09:00 Call Okie

Brenda Hoefar

09:00 - 10:00 Fire Hydrant Repair

American WW /Pat Meyers

10:00 - 10:30 BREAK

10:30 - 11:30 Plant Maintenance

Midwest City / Chris Thomas

11:30 - 01:00 LUNCH BREAK / AWARDS PRESENTATION

01:00 - 02:00 Spend a Dime / Save a Buck

Garver / Michael Graves

02:00 - 03:00 Filter Removal

Kelly Zinnis Associates

03:00 - 03:30 BREAK

03:30 - 04:30 SCADA Technologies "What can the technology do for me?"

Kelly Zinnis Associates

THURSDAY 28 October 2010

08:00 - 09:00 Chlorine Safety

Wayest Safety

09:00 - 10:00 SCBA

Del City Fire Dept.

10:00 - 10:30 BREAK

10:30 - 11:30 Trenching / Shoring

Key Equipment

11:30 - 01:00 LUNCH BREAK

01:00 - 02:00 Confine Space Awareness

Wayest Safety

02:00 - 03:00 Fall Protection

Wayest Safety

03:00 - 03:30 BREAK

03:30 - 04:30 Electrical Safety

Wayest Safety

FRIDAY 29 October 2010

08:00 - 01:00 ODEQ Exams



**Oklahoma Water & Pollution Control Association
2010 Annual Short School
October 25 - 29, 2010
Rose State College
Professional Education & Training Center
North Hudiburg Drive and Paris Road
Midwest City, Oklahoma 73110**

Wastewater Program

MONDAY 25 October 2010

09:00 - 11:00 Golf Outing - Tee Off Choctaw Creek Golf Course
01:00 - 04:00 Vendor Set-Up

TUESDAY 26 October 2010

09:00 - 10:00 Overview of Reporting Software Kevin Manning
10:00 - 10:30 BREAK
10:30 - 11:30 Computerized Maintenance Software Job Cal Plus / Gabi Miles
11:30 - 01:00 LUNCH BREAK
01:00 - 02:00 UV Disinfection HE Engineering / Lee Young
02:00 - 03:00 Electronic DMR Submittal and Common DNR Problems ODEQ / Tom Bailey / Wayne Morey
03:00 - 03:30 BREAK
03:30 - 04:30 Extended drain - making your lubricants last longer Lubrication Engineers / Richard Webber

WEDNESDAY 27 October 2010

08:00 - 09:00 DEQ Directions - Agency Overview DEQ / Shelly Chard
09:00 - 10:00 So you want SCADA - Does and Don'ts Brandon Clarke / Mark Davis
10:00 - 10:30 BREAK
10:30 - 11:30 Developing a Comprehensive Training Program Francis Tuttle Vo-Tech / Richard Kindberg / Johnny Carter
11:30 - 01:00 LUNCH BREAK / AWARDS PRESENTATION
01:00 - 02:00 Job Opportunity with the Private Sector for Municipal Operation Severn Trent / Chris Morss / Steve Hoover
02:00 - 03:00 Wastewater Safety Issues Severn Trent / John Bannen

THURSDAY 28 October 2010

08:00 - 09:00 Chlorine Safety Safety Rose State College
09:00 - 10:00 SCBA Del City Fire Department
10:00 - 10:30 BREAK
10:30 - 11:30 Trenching / Shoring Key Equipment
11:30 - 01:00 LUNCH BREAK
01:00 - 02:00 Confine Space Wayest Safety
02:00 - 03:00 Fall Protection Wayest Safety
03:00 - 03:30 BREAK
03:30 - 04:30 Electrical Safety Wayest Safety

FRIDAY 29 October 2010

08:00 - 01:00 ODEQ Exams





Oklahoma Water & Pollution Control Association

2010 Annual Short School

October 25 - 29, 2010

Rose State College

Professional Education & Training Center

North Hudiburg Drive and Paris Road

Midwest City, Oklahoma 73110

Each Class is held from 8:00 am to 5:00 pm on corresponding days.

Class "D" **Water** & **Wastewater** Operator Classes

Tues, Wed, Thurs

Mike McFall

Class "C" **Water** Operator Classes

Wed, Thurs

Bill Clark

Class "C" **Wastewater** Operator Classes

Wed, Thurs

Carl Gray

Class "A/B" **Water** Operator REVIEW

Tues, Wed, Thurs

Robert Krueger

Class "A/B" **Wastewater** Operator REVIEW

Tues, Wed, Thurs

Fred Rice



Games & Comic Relief

Cola Wars

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

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

Barg	Mist
Canada Dry	Mountain Dew
Coke	Mug
Crush	Orange
Dr Repper	Pepsi
Fanta	Root Beer
Ginger Ale	Seven Up
Grape	Slice
Grapette	Sprite
Mello Yellow	Tab

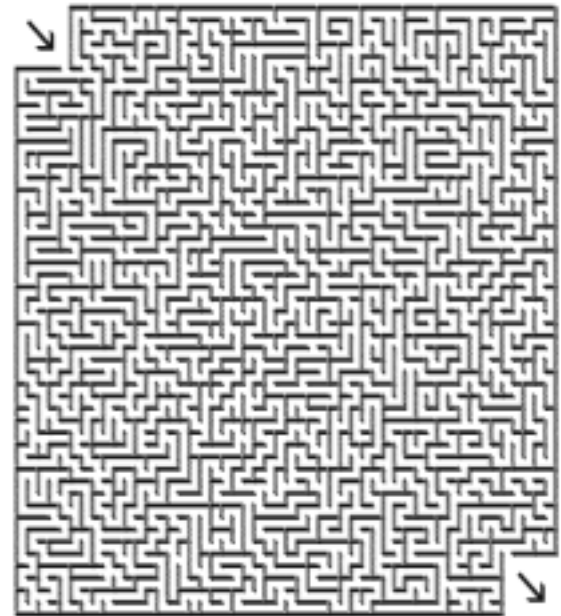
Match the following formulas with what it would be used to find.

1. $L \times W \times A$
2. $r \times r \times 3.14$
3. Height in feet $\times .443$
4. $r \times r \times 3.14 \times d \times 7.48$
5. $mg/l \times mgd \times 8.34$
6. Volume $\times 24 / \text{Flow}$
7. $mg/l \times mgd \times 8.34 / .65$

- A. PSI
- B. Surface Area of Square or Rectangle
- C. Detention Time in Hours
- D. Surface Area of Something Round
- E. Gallons in a round Container
- F. Pounds of Chemicals Used
- G. Pounds of HTH Used

Answers: 1-B, 2-D, 3-A, 4-E, 5-F, 6-C, 7-G.

A Maze Mint



DRIP and DROP in the Newsletter

We have come up with a new game. How many "DRIP & DROP" can you find in this newsletter. The number this month is: 3.

The OWPCA Advertising Sponsors



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 and Web Page, under the "Sponsors" page.** 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.



Duke's Root Control, Inc.

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



Haynes Equipment Company

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

The Management Company

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

Oklahoma One-Call System, Inc.

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

OMNI Water Consultants, Inc.

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

The OWPCA Advertising Sponsors



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

*Drip & Drop
Says: "Get
your company's
information
listed
here
today."*



Wow! Look at my company's advertisement in the OWPCA Drip Newsletter and on the Web Site: www.owpca.com. It looks GREAT! What a better way for me to advertise and get my company's information out to my customers. I am so glad I advertise with and sponsor the OWPCA

Organization.

Shouldn't your company information and logo be listed here??

To get your company's information listed in the OWPCA Newsletter and Web (www.owpca.com), contact Kristi Hill at [1-800-776-9722](tel:1-800-776-9722) or by e-mail, at owpca@yahoo.com.



Oklahoma Water & Pollution Control Association
P. O. Box 946
Woodward, Oklahoma 73802-0946

PRESORTED STANDARD U. S. POSTAGE PAID OKLAHOMA CITY, OK PERMIT NO. 2000
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Volume 35 Issue 3 July - September 2010

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