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For more backflow information check out the American Backflow web site:

www.abpa.org

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Charlie Fox ~ Steve Smith

Tennessee Backflow News

Spring 2009



NEXT BOARD MEETING

11:00 a.m.

Wednesday
April 1, 2009

Consolidated Utility
709 New Salem Hwy.
Murfreesboro, TN
(For info call 615-893-7275)

TBPA Mission Statement

The mission of the Tennessee Backflow Prevention Association is to protect drinking water quality in the State of Tennessee by providing for education, statewide training, standardized certification, technical assistance and resources to our membership and the general public.

President's Message

Hello everyone! Time is flying right on by; it's hard to believe its March. Where has time gone?

Since the last Board meeting, several things have transpired.

Web Site: I encourage everyone to please go to the web site and check it out. This was a long time coming but it was worth the wait.

Joint Relationship: I would like to take this opportunity to let you know that TBPA has entered into a working agreement with TAUD. I am excited to be associated with both these fine organizations. We are both going in the same direction so why not go together. This relationship will serve to make both groups stronger. A big thank you goes out to Brent Ogles, John Hall, and Executive Director Bob Freudenthal. I look forward to the future as we strive to protect the public drinking water.

New Board Members: Welcome to the two newest Board members. Mike Rucker and Brent Ogles will serve as Directors-at-large. Welcome aboard guys.

Annual Conference: The Conference committee has put together a good package for this year's conference. I understand there are some reservations about having the events in another state. This is the year to hold the conference in West Tennessee and our attendance records have not been good in that area of the State. The location is out of State but Tunica is only a few miles away from Memphis. As the West Tennessee Director, Lloyd Rainey is working very hard to insure that this will be a successful conference. Let's all get behind Lloyd and give him our help and support. Check out the web page for updated information.

I want to thank the Board for working very hard during some tough times for me. Things are going a lot better now. A GREAT BIG THANK YOU TO ALL!

Larry Stinnett
President TBPA

Upcoming Events

ABPA Annual Conference & Tradeshow

April 27-29, 2009
Cheyenne Mountain Resort
Colorado Springs, Colorado

TBPA 13th Annual Conference

October 15 & 16, 2009
Harrah's Veranda Resort - Tunica, MS

2009 TBPA Board Meetings

11:00 a.m.
Consolidated Utility - Murfreesboro
April 1st - June 24th - Conference Oct. 14th

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Tennessee Backflow Prevention Association
Liba Ford
c/o Jackson Energy Authority
P.O. Box 68
Jackson, TN 38302-0068



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TBPA



TBPA Board Members

Name	Affiliation	Phone # - Email	Fax #
Larry Stinnett, President	Backflow Specialty Co., Inc. Knoxville, TN	865-688-3171 backflowsp@bellsouth.net	865-688-3110
Angel Goike, Vice-President	City of Clarksville	931-553-2489 agoike@clarksville.com	931-553-2490
Steve Beene, Immediate Past President	Hixson Utility District Hixson, TN	423-875-6495 x1230 sbeene@hixsonutility.com	423-875-3116
Kitty Banks, Secretary	TN American Water Chattanooga, TN	423-755-7605 kitty.banks@amwater.com	423-267-9384
Liba Ford, Treasurer/Membership & Newsletter	JEA Jackson, TN	731-422-7517 lford@jaxenergy.com	731-422-7530
Lloyd Rainey, Director, West	Mid America Marketing, Inc.	800-365-6154 lloyd@midamericamktg.com	901-795-0394
Randy Harrell Director, Middle	Consolidated Utility Dist. Murfreesboro, TN	615-893-7225 rharrell@ cudrc.com	615-225-3314
Kent Bowman, Director, East	First Utility District of Knox County	865-966-9741 kbowman@bellsouth.net	865-675-4955
Wayne Cook, Director-At-Large	Shelb. Power, Water & Sewer Shelbyville	931-684-5713 waynecook@blomand.net	931-685-0113
Brent Ogles Director-At-Large	TAUD	615-896-9022 brentogles@taud.org	615-898-8283
Mike Rucker Director-At-Large	Local 572 JATC Nashville, TN	615-227-5542 bcalls@lu572.com	615-227-5892
Curtiss Davis ABPA Region 3 Director	Charleston, SC	843-200-4864 backflow11@aol.com	843-767-1705
John Oakeson ABPA President	West Jordan, Utah	801-536-0057 joakeson@utah.gov	801-536-4211



The Tennessee Backflow News is published quarterly by the Tennessee Backflow Prevention Association, whose members have a common interest in protecting the drinking water from contamination through cross connections. Your ideas, experience and expertise are invited and needed by the TBPA to insure a balanced approach to backflow prevention in the State of Tennessee. Your participation and support will continue to help shape the future of this industry in Tennessee.

Opinions expressed in articles, letters or advertisements in this publication are not necessarily those endorsed or supported by the TBPA. The content of this newsletter is not to be considered as legal or professional advice. **Dues are \$80 annually**, and are payable to the TBPA Treasurer. Annual dues include \$20 for Tennessee and \$60 for National ABPA dues. National membership is required for Tennessee membership.

The TBPA Treasurer address is:

Tennessee Backflow Prevention Association
Liba Ford, TBPA Treasurer
c/o JEA, P.O. Box 68, Jackson, TN 38302

For newsletter advertisements contact:

Tennessee Backflow Prevention Association
Attn: Kitty Banks
P.O. Box 6338
Chattanooga, TN 37401

TBPA/ABPA MEMBERSHIP FORM

Tennessee Backflow Prevention Association
American Backflow Prevention Association

NAME: _____

COMPANY: _____

ADDRESS: _____

CITY/ST/ZIP: _____

PHONE: _____

FAX: _____

E-MAIL: _____

CHECK ONE: RENEWAL: _____ MEMBER # _____

NEW: _____



ABPA DUES: \$60.00
TBPA DUES: 20.00
ANNUAL DUES TOTAL: \$80.00

Please remit total to:
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Liba Ford
c/o JEA
P.O. Box 68
Jackson, TN 38302

*Includes bi-monthly ABPA News Magazine
and quarterly Tennessee Backflow News
Pre-payment of dues required to process application.
Membership is non-transferable. National ABPA membership
required for state TBPA membership*

Early Registration Form TBPA CONFERENCE 2009

Thursday, Oct. 15th - 7:30 am to 4:00 pm
Friday, Oct. 16th - 8:30 am to Noon

Harrah's Veranda Resort - Tunica
13615 Old Highway 61 North
Robinsonville, MS 38664
Web Site: www.harrahs.com
Phone: (800) 946-4946

Return Forms to:
TBPA
Attn: Liba Ford
P.O. Box 68
Jackson, TN 38302

Information Contact:
Lloyd Rainey
(800) 365-6154
Lloyd@midamericamktg.com

Name _____

Company _____

Address _____

State _____ Zip _____

Phone _____ Fax _____

E-Mail _____

TBPA Members \$125 Non-Members \$205 (includes TBPA & ABPA membership)

Breakfast and Luncheon Thursday included • Guest for Luncheon \$20 per person

Backflow Control

Backflow Control has been providing quality Backflow Gauge Calibration, Repair and Sales since 1998. Owned and operated by Roger Crane, Backflow Control also provides Training Classes and Backflow Certification Classes for the State of Mississippi. Backflow Control is proud to be a member of TBPA. Contact us at 662-233-9007 for all your backflow gauge needs.

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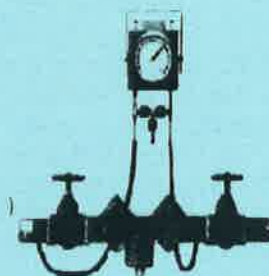
262 Boatner Rd.
Potts Camp, MS 38659

Office - 662-333-9007
Fax - 662-333-7544

Roger Crane
Instrument Technician

Backflow Prevention Assembly Repair Class & Administration and Survey Classes

Who: Tennessee Backflow Prevention Association
What: 2009 Repair Classes & Administration and Survey Classes
When: May 20, 2009 8:00-4:00 Repair Class - Watts
Where: Jackson Energy Authority - Jackson, TN
Contact: Liba Ford at (731) 422-7517 or Lloyd Rainey at (800) 365-6154



Some of the information presented:

- Double Check Valve Assemblies, Reduced Pressure Principle Assemblies, Vacuum Breakers
- Repair of varying device sizes from 3/4" to 4".
- Drawings and handouts available.
- Explanation of assemblies and parts used in repair
- Complete repair of devices and tools needed
- When to repair and when and what to replace
- Starting a Cross Connection Control Program
- Forms and documents for program administration
- Survey instructions and advice
- CD with all covered information
- Continuing Education Credits will be given

Don't miss the opportunity to expand your knowledge on these valuable topics regarding CCC Programs and Assembly Repair.

Classes are **FREE to TBPA Members**. Non-member cost is \$20 (non refundable). Class size may be limited therefore **registration is required**. Lunch will be provided for all Repair classes only. You may call or use the registration form below, indicating the class, section location and date you wish to attend.



Administration & Survey Class and Repair Class REGISTRATION REQUIRED

Only One Person and One Class per Registration Form

Written registration is required for all classes. Complete the form below (printed or type written) and mail or fax to:
 Kitty Banks - TN American Water - 1101 Broad Street - Chattanooga, TN 37401
 Fax: (423) 267-9384 For Questions Call: (423) 755-7605

Administration & Survey Class Repair Class Section: West Middle East Date _____

Name _____

Mailing Address _____ City _____ State _____ Zip _____

E-Mail Address _____ Home Phone _____

Employer _____ Work Phone _____

Employer Address _____ City _____ State _____ Zip _____

TBPA Board Meeting Update - January 7, 2009

Welcome guests: Steve Betty, Mike Robeson, Frank Maccagnano, and Brent Ogles.

Treasurer's Report

Balance \$15,674.96. This total includes the CD investment of \$5,100.00. Annual Financial Report for 2008 was received and approved. Liba will send to ABPA.

Board Members

Randy Harrell was reelected as Middle Section Director and Kent Bowman was reelected as East Section Director. The Board voted to add Brent Ogles with TAUD and Mike Rucker with JATC as Directors-at-large to the TBPA Board.

Board Meeting Date Change

The July 8th Board Meeting date was changed to June 24th.

Training Information / Newsletter

Wayne will update the training schedule with all 9 entities that administer classes and give to Liba. Lloyd will send info on any West TN classes to Liba.

TBPA will begin charging \$20 for Classes for Non-members on a trial basis beginning March 1, 2009. Fee will be non-refundable. Lunch will be provided for the Repair Classes either by the Representatives or by TBPA. Liba will change the Newsletter to reflect the changes.

TBPA

The name of our organization has successfully been changed to Tennessee Backflow Prevention Association.

TAUD

A meeting was held with Larry and Kent and TAUD representatives. They discussed reciprocity of membership and the TAUD Expo and TBPA Conference. The Expo is May 14th at Lebanon Fair Grounds. Motion was passed to proceed with a working relationship with TAUD.

Angel will produce a TBPA flyer to be given out at the Expo, TBPA 2009 Conference and other TBPA functions.

2009 TBPA Conference

The 2009 TBPA Conference will be held in Tunica, Mississippi at The Veranda Hotel on October 15th and 16th. The Board Meeting will be on the evening of the 14th. Room rates are \$69 / night. Lloyd is taking care of arrangements with the hotel.

Conference Vendor registration fees will be \$300 for members and non-members (1 table / 2 people). Individual registration



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fees will remain at \$125 for members. Non-members will be \$205 which will include the \$80 membership cost.

TBPA Awards Criteria

The Committee consists of Kent Bowman, Angel Goike, Lloyd Rainey and Mike Robeson. They have not had a meeting.

Corporate Memberships

The Board decided to table the item of Corporate memberships to TBPA.

State

Bill Hensch with TDEC is available as a contact for the State for Cross Connection since Travis Aslinger's departure. TBPA will form a committee to go to Nashville to discuss continuity across the State in the Cross Connection Program and in the Sanitary Survey process. Brent will check with TAUD about attending.

Board Meeting Dates - 11:00 at Consolidated in Murfreesboro, TN

April 1st, June 24th - Tunica, Oct. 14th

Not official minutes

New TBPA Members

Welcome to our newest TBPA Members. We look forward to your participation in our Association. If you would like to serve on the TBPA Board or a Committee, please let your Section Director or a Board member know.

Jacob Cain City of Brentwood Brentwood, TN

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 Fax: (615)227-5892
 local572jato@mindspring.com

TBPA West Section News

Speak Up! Commentary

DW & RP Article - dated November 2008

This issue let's look at how a Master Plumber would go about properly installing a cross-connection control device, after all plumbing and permits are required. (Note: each and every point of delivery is a direct cross-connection with the water distribution system).

Contact the water authority and request a print-out of the parameters that are being met in the area that you are going to be connecting to the distribution system, (high and low pressures). As a plumbing contractor your parameters are 20psi > 80psi. If there are pressure spikes over 80psi then a pressure regulating valve is required, set at 50psi, the optimum pressure for a plumbing system. If pressures drop as low as or below 20psi, then a booster system should be installed in the building, both residential and commercial with a shut off switch on the inlet side of the pump set at 10psi. Controlling the pressure after the point of delivery will limit the wear and tear on the cross-connection control device and the backflow devices installed.

Select a location within close proximity to the point of delivery, outlet side of the meter, with the supply pipe and the service pipe above grade and both sleeved, (Ref. IPC Sec. 305. & UPC® Sec. 313), and pour a slab. This will provide points to anchor the enclosure, anchor pipe supports and with an ASSE-1060 enclosure protect the system from vandalism and the elements.

The first fitting on the supply pipe should be a full port ball or gate valve.

The next fitting a union or flange.

The #3 fitting is a supply side strainer, (Note: fire sprinkler systems do not require strainers or pressure reducing valves, because fire sprinkler systems are emergency equipment and if needed are a one-time-use system and if used requires complete overhaul and testing before being placed back in service). The strainer shall be installed horizontal with the drain / clean-out plug direction of flow down, or vertical direction of flow down, the reason for this is to provide a receptacle for debris to collect. The clean-out plug, cap, and or blank flange is used to perform maintenance on the strainer prior to testing the device. (Note: do not take line pressure from up stream of the strainer, a false reading could result).

The cross-connection control device is installed at the outlet side of the PRV, four devices are recommended to control direct cross-connections; 1. RP 2. RPDA 3. DCV 4. DCVDA.

The RP devices, (ASSE 1013 & 1047), are recommended for installation on the plumbing system because the plumbing system is a dynamic system almost always in use and the RP will automatically compensate for fluctuations of pressures.

The RP must not be installed in a pit, vault or basement. It shall be installed a minimum of 12" above finished grade or the 100yr. flood elevation, whichever is greater. A properly sized drainage system shall be provided. ASSE 1060 enclosures are engineered for proper drainage. The drain for an RP must be located so that is observable and readily accessible. Mechanical air gaps will not handle the flow from a failed RP and should not be used as a substitute for an engineered drainage system.

We will continue to look at device installation in the next issue.
Lloyd Rainey, West Section Director

More West Section News

Watts Repair School

May 20, 2009 - 8:00 am - 4:00 pm

Jackson Energy Authority

320 Hwy 45 Bypass, Jackson, TN

Lunch provided by Watts. This school is free to TBPA Members. Non member cost is \$20. CEU's will be given. Contact Liba Ford (731) 422-7517 or lford@jaxenergy.com for more information.

TBPA East Section News

I would like to begin by letting everyone know that we have two new Directors-at-large on the TBPA Board. Brent Ogles with TAUD and Mike Rucker with the Plumbers and Pipefitters 572 in Nashville. I'm sure most everyone knows them and I am looking forward to working with them in the TBPA. Also, I would like to say congratulations to Randy Harrell for being re-elected to the position of Middle Tennessee Director.

In January Larry Stinnett, Michael Robeson and Myself met with TAUD representatives; Bob Freudenthal, Executive Director, John Hall, Region Director and Brent Ogles, Education Manager. We discussed TAUD and TBPA working together to become more active with each others Associations. I am sure, with the involvement on both sides, it will make each organization and its members better in the future.

I recently learned about a website from a lady in my company's GIS Department. The site she found was one I had never seen on Backflow and Cross Connection. It contains a lot of useful information and articles so I encourage everyone to check it out: www.backflowpreventiontechzone.com.

The East Tennessee section usually has a repair class in the spring of each year but we will not have one this spring. I am however, working with Richard Goodman with Mid America Marketing to schedule a Watts repair class in November or December 2009. I will post the details and more information in the summer newsletter.

I hope everyone has a safe and pleasant Spring.

Kent Bowman, East Tennessee Director

Tennessee Training Calendar

• **The Fleming Training Center:** FTC offers Basic and Renewal and Cross Connection Classes to water systems and personnel throughout Tennessee. FTC is located at 2022 Blanton Drive, Murfreesboro, TN 37129, phone: (615) 898-8090, fax: (615) 898-8064. Hours of operation: Weekdays 8:00 a.m.-4:30 p.m. Central Time. For more information and a registration form visit: www.state.tn.us/environment/fleming/. Written registration and 30 days notice is required for the following classes:

2103 Cross Connection Control

Basic Workshop (3 days)

Jackson:

April 21-24, 2009

Knoxville:

May 19-22, 2009

September 22-25, 2009

Kingsport:

August 18-21, 2009

Murfreesboro:

June 16-19, 2009

July 14-17, 2009

October 20-23, 2009

November 17-20, 2009

3102 Cross Connection Control

Renewal Workshop (1 day)

Jackson:

April 20-21, 2009

Knoxville:

May 18-19, 2009

September 21-22, 2009

Kingsport:

August 17-18, 2009

Memphis:

October 7-8, 2009

Murfreesboro:

June 15-16, 2009

July 13-14, 2009

October 19-20, 2009

November 16-17, 2009

• **The Tennessee Association of Utility Districts (TAUD):** Cross Connection Renewal Classes for Municipalities and Basic Cross Connection Training Classes for contractors are available. Other classes may be available. For information on Classes and Cost you can visit the training section on their web site at www.taud.org or contact either Brent Ogles at brentogles@taud.org - (615) 896-9022 or Greg Baker at gregbaker@taud.org - (731) 225-5240 - 840 Commercial Court, Murfreesboro, TN 37129.

BASIC CROSS CONNECTION CLASS

KUB - Knoxville:

April 15th-17th - 8:30 am-4:30 pm

TAUD - Murfreesboro:

May 20th-22nd - 8:00 am-4:00 pm

July 22nd-24th - 8:00 am-4:00 pm

Sept. 16th-18th - 8:00 am-4:00 pm

MLGW - Memphis

June 17th-19th - 8:30 am-4:30 pm

Nov. 18th-20th - 8:30 am-4:30 pm

Chattanooga:

July 8th-10th - 8:30 am-4:30 pm

Jackson:

Oct. 14th-16th - 8:30 am-4:30 pm

RENEWAL CROSS CONNECTION CLASS

KUB - Knoxville:

April 14th - 8:30 am-4:30 pm

TAUD - Murfreesboro:

May 15th-18th - 4:00-8:00 pm

May 19th - 8:00 am-4:00 pm

July 20th-21st - 4:00-8:00 pm

July 21st - 8:00 am-4:00 pm

Sept. 14th-15th - 4:00-8:00 pm

Sept. 15th - 8:00 am-4:00 pm

MLGW - Memphis:

June 16th - 8:30 am-4:30 pm

Nov. 17th - 8:30 am-4:30 pm

Chattanooga:

July 7th - 8:30 am-4:30 pm

Jackson:

Oct. 13th - 8:30 am-4:30 pm

- **Plumbers and Pipefitters, Local 572,** Nashville, Tennessee: Backflow Classes for Apprentices and Journeyman, contact Mike Rucker, 225 Ben Allen Rd., Nashville, TN 37207, (615) 227-5542
- **Plumbers & Steamfitters, Local #43 JACT:** Contact Woody Evans, 3013 Riverside Drive, Chattanooga, TN 37406, (423) 365-9972
- **Knoxville Plumbers & Steamfitters, LU #102 JATC:** Knoxville, TN Contact Wayne Summers, 1218 N. Broadway, Knoxville, TN 37917 - (865) 525-6305 or lu102jatc@bellsouth.net
- **Plumbers Local Union #17:** For information on classes contact Howard Burgess at (901) 368-9099 - 4229 Prescott Road, Memphis, TN 38118
- **Backflow Control:** Backflow Training Classes and Certification Classes for the State of Mississippi. For more information contact Roger Crane at (662) 333-9007 - 262 Boatner Road, Potts Camp, MS 38659
- *To list or update your training classes contact Liba Ford at lford@jaxenergy.com.*



Backflow Specialty Co., Inc.

Brad Stinnett

(865) 688-3171
 (865) 688-3110
 4605 Central Ave. Pk. Mobile: 388-2346
 Knoxville, TN 37912 Email: backflowsp@bellsouth.net



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