BACKFLOW LINKS

For more backflow information check out these web sites:

** Information about backflow prevention: www.abpa.org/backflow.htm

** Information about water quality: www.epa.gov/305b/sum1.html

** Safe Drinking Water Act guidance documents: http://tis-nt.eh.doe.gov/oepa/guidance/sdwa.htm

> ** Backflow incidents and articles: www.abpa.org/incidents.htm

Check Out Our Website! www.tnbackflow.com

Your Association working for safe drinking water in Tennessee

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



TBPA







Tennessee Backflow News

Fall 2007



NEXT BOARD MEETING

5:00 PM Wednesday October 17, 2007 **Double Tree Hotel** Murfreesboro, TN

Check Out Our Website! www.tnbackflow.com

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! I have good news, this will be my last President's message to ramble on and on and be boring. I hear applause and cheers coming from all over Tennessee. Seriously, my term as President will be over December 31st. I have had a lot of fun these past four years meeting people from all around Tennessee at our conferences and working with some really great folks on our board. When you have officers and directors like I have had to work with, being President is an easy job. Larry Stinnett will be moving into the President's position January 1st for the second time. I wish Larry the best as well as the incoming Vice-President. I hope to see a ton of people at our conference in October. I'll say so long for now and thanks to all the members of TBPA across the state of Tennessee.

Steve Beene President TBPA

Upcoming Events

TBPA Annual Conference

October 18 - 19 **Double Tree Hotel** Murfreesboro, TN

Reservations: 615-895-5555

2008 TBPA Board Meetings

JATC - Nashville, TN January 9 April 2 (For info call 615-227-5542)

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CALL FOR NOMINATIONS

It is election time again for the East Tennessee Director, West Tennessee Director and Vice-President of TBPA. Please submit all Nominations to Kent Bowman, Nominations Committee Chair, at:

First Utility District of Knox County Attn: Kent Bowman P.O. Box 22580 Knoxville, TN 37933-0580

You may contact Kent by phone: 865-966-9741, fax: 865-675-4955 or email at jbowman@bellsouth.net with your nominations. Please submit before October 20.

Nomination Form on Page 7

Tennessee Backflow Prevention Association

Tennessee Backflow Prevention Association

Name	Affiliation	Phone # e-mail	Fax #
Steve Beene,	Hixson Utility District	423-875-6495 x1230	423-875-3116
President	Hixson, TN	sbeene@hixsonutility.com	
Larry Stinnett,	Backflow Specialty Co., Inc.	865-688-3171	865-688-3110
Vice-President	Knoxville, TN	backflowsp@bellsouth.net	
Eddle O'Neill,	Jackson Energy Authority	731-422-7214	731-422-7584
Immediate Past President	Jackson, TN	eoneill@jaxenergy.com	
Liba Ford,	JEA	731-422-7517	731-422-7530
Treesurer/Membership & Newsletter	Jackson, TN	Iford@jaxenergy.com	
Angel Goike Secretary	City of Clarksville	931-553-2489 agoike @ clarksville.com	931-553-2490
Lloyd Rainey, Director, West	Mid America Marketing, inc.	800-365-6154 lloyd@midamericamktg.com	901-795-0394
Randy Harrell	Consolidated Utility Dist.	615-893-7275	615-893-4913
Director, Middle	Murfreesboro, TN	rharrell@cudrc.com	
Kent Bowman, Director, East	First Utility District of Knox County	865-966-9741 fudkbow@tds.net	865-675-4955
Travis Asilnger,	Fleming Training Center	615-898-8090	615-898-8064
Director-At-Large	Murfreesboro, TN	james.t.aslinger@state.tn.us	
Mike Trigg,	Plumbers & Pipefitters	815-227-5542	615-227-5892
Director-At-Large	Local 572	local572jatc@msn.com	
Wayne Cook,	Shelb. Power, Water & Sewer	931-684-5713	931-685-0113
Director-At-Large	Shelbyville	waynecook@plomand.net	
Ed Davis ABPA Region 3 Director	Charleston, SC	843-200-4864 backflowil@aol.com	843-767-1705
John Oakeson ABPA President	West Jordon, 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 \$70 annually**, and are payable to the TBPA Treasurer. Annual dues include \$20 for Tennessee and \$50 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

All other info requests, inquiries, and newsletter advertisements contact:

Tennessee Backflow Prevention Association Attn: Angel Goike, Secretary c/o City of Clarksville 1030 Pumping Station Rd. Clarksville, TN 37043

TBPA/ABPA MEMBERSHIP FORM

Tennessee Backflow Prevention Association American Backflow Prevention Association

NEW:

CHECK ONE: RENEWAL:	MEMBER #
E-MAIL:	
FAX:	
PHONE:	
CITY/ST/ZIP:	
ADDRESS:	
COMPANY:	
NAME:	



ABPA DUES: \$50.00 TBPA DUES: <u>20.00</u> ANNUAL DUES TOTAL: \$70.00

Please remit total to:
Tennessee Backflow Prevention Association

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

TBPA West Section News

The High Cost of Untrained Backflow Installers By Kris Munson, Watts Water Technologies

In this newsletter we will look at another factor contributing to the high cost of using untrained labor to install a backflow device. The factor we will discuss that may add to this hidden cost is: Improper Installation.

Improper Installation

As a backflow manufacturer we have seen many pictures where you sit back and ask what were they thinking when they installed this unit. When someone who has no involvement with the backflow preventer after its initial installation, installs the unit, you have no guarantee of what to expect.

The ramifications from an improper installation can range from something that is not aesthetically pleasing but will function normally and is within is approved installation requirements, to something that a tester is unable to test and if it breaks will pose a danger to the water supply due to its improper installation.

There are national codes that have been developed for the proper installation of a backflow preventer but currently an installer may not be familiar with these installation codes and requirements. The codes have been developed to ensure that when the backflow preventer is installed properly, the unit will function correctly, have adequate clearance for servicing, have adequate drainage/protection for nuisance discharges of the relief valve and will protect the water supply in case of a failure of the water supply or during a backflow condition.

When backflow preventers are submitted to the various approval agencies for certification testing, we as manufacturers, have to specify what orientations the assemblies are to be tested in. These orientations may be published in the product literature, on the manufacturer's website or on the approval agencies' website or approval literature. The backflow preventers are only approved in the orientations that they were tested in at the certification agency, any changes to the orientation of either the unit or its shutoffs will void the agency approval for that unit.

Since some installers have a limited interest in what goes into a correct installation, the end user may be left to deal with what was installed when the tester arrives to perform the annual test. The results could range from being inconvenienced during the test; to the unit being un-testable due to its installation and having to re-pipe and re-install the backflow preventer to make sure that is complies with the national and/or local codes. Depending on what is necessary to correct the installation, there may be undue resentment towards the tester and the manufacturer regardless of whether or not they had anything to do with the initial installation.

Lloyd Rainey
West Section Director

TBPA East Section News

Region 3 Conference

We are proud to report the 1st Annual Region 3 Conference & Trade Show held in Knoxville in July was a great success. It was a day and a half full of information, food and fun. Thanks to all who helped make it a success.

Repair Class

The East Tennessee Section will hold a Apollo/Conbraco repair class on November 28th at the Knoxville Utility Board Operations Center located at 4505 Middlebrook Pike from 8:30 AM - 4:30 PM. Mr. Pete Chapman National sales manager for Pro Marketing along with Mr. Larry Castleberry Regional Sales Rep. and Mr. Joey Smith Area Sales Rep. will be conducting the class. Some of the topics covered will be repairs on 3/4"- 6" Reduced Pressure and Double Check Backflow Preventers, repair kits, valves, strainers, air gap drains, expansion tanks and much more. At the end of the class we will have time for questions and answers. CEU credits will be given.

The class is limited to 50 people. The last repair class held was full with 20 on the waiting list, so fill out you registration form found in this newsletter and fax it to Fleming Training Center ASAP. Lunch will be provided by Apollo/Conbraco and Pro Marketing and the class is free! Any questions call Kent Bowman at (865)966-9741 ext 123 or Larry Stinnett at (865) 688-3171.

Nominations

Remember to send in your nominations for TBPA Officers before October 20th. Our association needs its membership to be involved in order to remain an important part of cross connection in the state of Tennessee. Hope to see everyone at the Annual Conference in Murfreesboro in October.

Kent Bowman
East Tennessee Director

TBPA BOARD MEETINGS

OCTOBER 17th ~ Double Tree Hotel, Murfreesboro, TN • 5:00 PM All Members Welcome.

Backflow Prevention Assembly Repair Class & Administration and Survey Classes

Tennessee Backflow Prevention Association and Fleming Training Center

2007 Repair Classes & Administration and Survey Classes What:

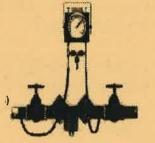
8:30-4:30 **Administration and Survey Class** November 8 When:

> 8:30-4:30 Repair Class December 13

Repair Class - Conbraco February 14, 2008

Where: Fleming Training Center, 2022 Blanton Drive, Murfreesboro, TN 37129

Contact: Brent Ogles at (615) 898-8090 or Wayne Cook at (931) 684-5998



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.

No cost but class size is limited and registration is required. Please use registration form below, indicating the date (or dates) you wish to attend.



DEPARTMENT OF ENVIRONMENT AND CONSERVATION Training Class / Seminar Registration

REGISTRATION REQUIRED

Only One Person and One Class/Seminar Per Registration Form!

Register early! Written registration is required for all classes and seminars. Registrants will be mailed specific information as to location times, etc., approximately three (3) weeks prior to class. Complete the form below and mail or fax at least thirty (30) days prior to class to: Fleming Training Center - 2022 Blanton Drive - Murfreesboro, TN 37129

Fax: (615) 898-8064 (All faxes should be printed or type written.)

OUNCE HUMBER	TITLE OF COURSE		
(Mr./Ms) NAME	SOCIAL SECURITY NUMBER		
E-MAIL ADDRESS		HOME PHONE	
MAILING ADDRESS: STREET OR PO BOX	CITY	STATE ZIP	
EMPLOYER		WORK PHONE	
PWSID # OF FACILITY WHERE EMPLOYED (if applicable)	NPDES # OF FACILITY WHERE EMPLOYED (if applicable)		
EMPLOYER ADDRESS: STREET	CITY	STATE ZIP	

*In order to complete our administrative activities, we have to ask for certain personal identifying information. It is required that you submit this information under state and federal law, T.C.A. §36-5-711 and 42 USC §654a. This information is for the use of the department and is not disclosed to the public. Your social security number is required for registering or enrolling in classes when the registrant is a certified operator. It is optional whether you comply with any other request we make for a social security number.

RDA 2390 CN-0863 (Rev. 5/2002)

Tennessee Backflow News Page 4

TBPA Board Meeting Update August 1, 2007

Treasurer's report Balance: \$10.879.15

Region 3 Conference: Good attendance, well organized. Locating in Georgia was proposed for 2008 and changing to a whole day on Thursday and half day on Friday. Target date is July 24th - 25th, 2008. TBPA will do more advertising for next years conference.

ABPA National Conference

Angel reported on the conference. ABPA is now an International organization with members and chapters in Germany, England, Belgium, France, Australia, Mexico and Canada. Well attended with 276 registered attendees. Other information concerning the association that was presented at the ABPA Board meeting was discussed.

TBPA Annual Conference 2007

Murfreesboro, TN - The Doubletree Hotel - October 18th & 19th. Room rate \$82 per night. Board members can stay in designated area for \$102 per night. Vendor fee \$300 - receive Shirt logo, two luncheon tickets and newsletter article. Cut off for vendor registration is September 24th. Registration: \$125 & \$195. Flyers have been mailed. We still need a speaker for irrigation. Cut off for award nominations is August 27th.

TBPA Secretary Position

Angel has resigned the position of TBPA secretary to be effective January 1, 2008. You have done an outstanding job Angel. Thanks for everything!!

Administration & Survey Classes

November 9th will be the last TBPA class. Fleming will be taking over and each utility will be required to send their backflow personnel to the class. They will be issuing a certification for operating the Cross Connection Control

State Comments:

Wayne presented the following information: The state will not update the Manual at this time and will stay with the 1988

The Fleming Board is writing rules for backflow and certification requirements. When those are effective the manual will be updated. Public hearings will be held.

TBPA would like to do a survey of water systems and present their opinions on their behalf at the hearing.

Fees will be put into place for the certification test and classes. Utilities will not pay for the class but will have to pay a test fee. Wayne will try to get a copy of the draft rules and present at the Annual Conference.

Advertising:

The Board voted not to advertise in the Plumbing News magazine.

Not official Minutes

Next Board Meeting October 17th -5:00 PM - Double Tree Hotel - Murfreesboro, TN









4605 Central Ave. Pk. Mobile: 388-7112 Knoxville, TN 37912 Email: backflowsp@bellsouth.net

Tennessee Backflow News

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NEW TRAINING CLASS LOCATION

The Knoxville Plumbers & Steamfitters LU #102 JATC is now approved by the State of Tennessee as a site for Basic Cross Connection Training Classes. The first class is currently underway with a test date of September 17th. Other classed will be scheduled as needed and will be coordinated with the State testing dates. For more information contact Wayne summers at 865-525-6305 or lu102jatc@bellsouth.net.

CONFERENCE VENDORS

If you are a vendor and would like to have a booth at this year's TBPA Conference, please notify Randy Harrell or Liba Ford before September 24th. The cost is \$300 for members, which includes the technical sessions, two tickets to the luncheon and an article in the TBPA Newsletter.

We would also like to show our appreciation by having your company name and logo placed on the conference T-shirt. In order to meet the printing deadline, we must have this information before the 24th.

Thanks to all our vendors for your help and assistance.

WILKINS

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Charlie Fox ~ Steve Smith



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Norman H. Zeller

Mobile: (423) 580-6084

Toll Free: 866-606-9775

Fax: (706) 965-9326

E-mail: backflowtest@catt.com

NEW TBPA Members

Welcome to our newest TBPA members: We look forward to meeting and working with you.

Marc Patterson Samuel D. Lowe John Kilzer Marshall Ownby Lucas Thompson George Boyd K.D. Boyd **Brandon Webster**

West TN Backflow Service Adams-Cedar Hill Water Water & WW of Wilson Co. W.W. Plumbing Co. Thompson Services, Inc. Thompson Services, Inc. Lawrenceburg Utility White House Utility

Huntingdon, TN Adams, TN Lebanon, TN Murfreesboro, TN Rockvale, TN Rockvale, TN Lawrenceburg, TN White House; TN

Katherine P. Zeller

Office: (706) 965-5951

TBPA also welcomes a new Advertiser this month

Plumbing News

	200
	(*)
	27

TBPA CONFERENCE 2007

Thursday, Oct. 18th - 7:30 AM to 8:30 PM Friday, Oct. 19th - 8:30 AM to NOON **Double Tree Hotel** 1850 Old Fort Parkway Murfreesboro, TN. 37129 Tel # 615-895-5555 Fax # 615-895 3557

THURSDAY-FRIDAY **OCTOBER 18TH-19TH CONFERENCE ADGENDA**

Thursday, October 18, 2007

Registration

07:30AM -- 08:30AM

08:30AM -- 09:00AM

	07.007 NVI	riogiotration		
Name	08:30AM 09:00AM	Opening Session		
Company	(Steve Beene, TBPA Pres.)			
Address	09:00AM 09:45AM	Open to Exhibits		
	09:45AM 10:00AM	Break		
StateZip	10:00AM 10:45AM	Randy Safer		
PhoneFax	10:45AM 11:00AM	Break		
E-Mail	11:00AM 11:45AM	Wayne Waggoner		
Before October 1st	11:45AM 01:30PM	Luncheon / Awards		
TBPA Members \$125	01:30PM 02:15PM	Travis Aslinger		
Non-Members \$195	02:15PM 02:30PM	Exhibitor Speaker		
	02:30PM 03:00PM	Break		
(includes TBPA & ABPA membership)	03:00PM 03:30PM	Wayne Cook		
After October 1st Postmark - Add \$25	03:30PM 03:45PM	Exhibitor Speaker		
Luncheon Thursday is included in registra-	03:45PM 04:00PM	Door Prize &		
tion. (Guest extra) Breakfast included with		Announcements		
registration.				

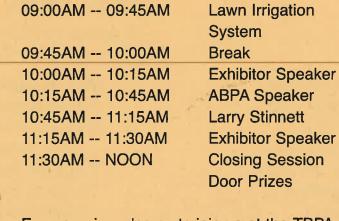
Return Forms to: Liba Ford

P.O. Box 68 - Jackson, TN 38302-0068 Jackson, TN

Guest Registration for Luncheon \$30 per per-

Information Contact: Randy Harrell (615) 225-3326

rharrell@cudrc.com



FRIDAY OCTOBER 19, 2007

Registration



Everyone is welcome to join us at the TBPA Board Meeting held Wednesday October 17th 5:00 PM at the Double Tree Hotel.

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son:

Tennessee Backflow News

CALL FOR NOMINATIONS

It is election time again for the East Tennessee Director, West Tennessee Director and Vice-President of TBPA. Please submit all Nominations to Kent Bowman, Nominations Committee Chair, at: First Utility District of Knox County, Attn: Kent Bowman, P.O. Box 22580, Knoxville, TN 37933-0580. You may contact Kent by phone: 865-966-9741, fax: 865-675-4955 or email at jbowman@bellsouth.net with your nominations. Please submit before October 20, 2007.

Name		
Address		
Telephone		
NT 1 4 0 NT 4 FD NO 4		2
Nomination for West Tennessee Director	The second second	
Name		
Address		
Telephone	E-mail address	
Nomination for Vice-President		`
Name		
Address		
Telephone		
Nominator Name		
Name		
Address		
Telephone	100	

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Office • 662-333-9007 Fax • 662-333-7544 Roger Crane

Tennessee Backflow News

Tennessee Training Calendar

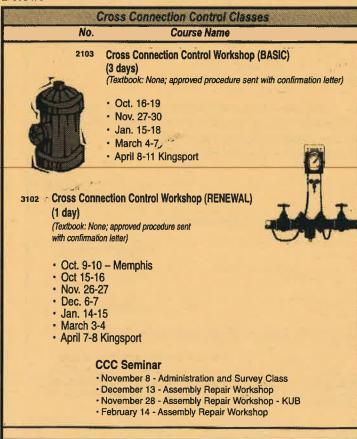
Tennessee Department of Environment and Conservation - Cross Connection Control Training Classes

Fleming Training Center 2022 Blanton Drive Murfreesboro, TN 37129 615-898-8090

http://www.state.tn.us/environment/dca/fleming/

The classes offered by the Fleming Training Center are free of charge to any person who wishes to attend. Written registration is required, however, a minimum of thirty days in advance of the class. Confirmation letters for all classes/seminars will be sent out to registrants approximately three weeks prior to class and will contain pertinent details regarding exact location, class content, and materials. For information on class content for Cross Connection Control Workshops call Mr. Brent Ogles at 615-898-8090.

Cross Connection Control Workshop (BASIC) (3 days) (Textbook: None) Classes are at the Fleming Training Center in Murfreesboro unless otherwise indicated. *See Schedule Below*.



Cross Connection Control Workshop (RENEWAL) (1 day) (Textbook: None) Classes are at the Fleming Training Center in Murfreesboro unless otherwise indicated. See Schedule Below.

- 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. Contact Greg Baker or Melanie Hammon, 840 Commercial Court, Murfreesboro, TN 37129, (615) 893-9022
- Plumbers and Pipefitters, Local 572, Nashville, Tennessee: Backflow Classes for Apprentices and Journeyman, contact Mike Trigg, 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
- To list or update your training classes contact Liba Ford at lford@jaxenergy.com.



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Lloyd Rainey

Represented by: Mid America Marketing, Inc.

P.O. Box 750960 Memphis, TN 38175 5466 Old Highway 78 Memphis, TN 38118



Office: (800) 365-6154 Tel: (901) 795-0045 Fax: (901) 795-0394

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