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

Free Cross Connection Seminar

A Cross Connection Seminar will be held **July 12, 2006** at Cascade School in Bell Buckle, Tenn. from 8:00 AM to 4:00 PM.

The seminar flyer will be completed and mailed within the next couple weeks. If you have someone that would like to sponsor this event please give me a call.

I think this year's seminar will be the largest yet. Some of the speakers include representatives from the State who will be talking about rule changes and things that will affect the crossconnection program. For example; home fire protection systems. This is a new concept that has the potential to grow larger.

Please make plans to come and be with us on the 12th. As always the venders of the different types of Backflow devices, outside enclosures, etc. will be there to answer your questions and help with any problems that you may be having.

The seminar is **FREE** and our sponsors will generously be providing a **FREE** lunch. You can't beat that Deal! There is no limit to the number of attendees but we ask that you please register before July 7th by calling the number below.

See you on the 12th!

Wayne Cook
Shelbyville Water Department
(931) 684-5713

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









Tennessee Backflow News

Summer 2006



NEXT BOARD MEETING

10:00 AM
Wednesday
July 12, 2006
JATC
225 Ben Allen Rd.
Nashville, TN
(For info call 615-227-5542)

Check Out
Our Website!
www.tnbackflow.com

INSIDE

TBPA/ABPA
Membership Form

TN Training Calendar 3

Backflow Prevention
Assembly Repair Class 4

By-Laws Resolution No.4

TBPA Board Meeting
Update

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

By Steve Beene

Hello TBPA members! I want to start this message with congratulations to all. The American Backflow Prevention Association Annual Conference was held in April in San Antonio, Texas and the Tennessee Chapter received the PACE Award (Presidents Award for Chapter Excellence) for the year 2005. This is our second consecutive PACE Award and I believe it is the fifth such award overall. Only six chapters out of forty-five received this award so everyone should be proud. Tennessee is a large and active chapter of ABPA.

Our Middle Tennessee Director, Charlie Fox had to resign from the TBPA Board in March due to health reasons. Everyone on the board will miss Charlie and we wish him the best and a speedy recovery. The board has appointed an interim director to fill out Charlie's term which will end this year. Stepping into this position will be Todd Ausbrooks of Toddco Sales. Thank You Todd for volunteering to help. There will be an election this fall for the Middle Tennessee Director position with the term to begin in January 2007. I urge anyone interested in running for this position to do so.

In October we will hold our TBPA Annual Conference. This was the year to have the conference in Middle Tennessee but we had problems finding a hotel in the Nashville area during the month of October. We have decided to jump to East Tennessee a year early and the conference will be held in Gatlinburg at The River Terrace Hotel. Gatlinburg in the fall is just a great setting and the room rates can not be beat, so please make plans to attend. I would love to see this be the biggest and best conference we have had to date. Good-bye for now and I hope to see a whole bunch of you in October.



Middle Tennessee Director

If you are interested in this position or have someone you want to be nominated, please contact Kent Bowman at 865-966-9741 or jbowman@bellsouth.net. You may also use the nominations form located in this newsletter.

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TBPA Board Meetings

July 12th-Nashville October 11th-Gatlinburg

TBPA Annual Conference

October 11th – 13th The River Terrace Resort Gatlinburg, Tennessee (Reservations: 865-436-5161)

Tennessee Backflow Prevention Association

Tennessee Backflow Prevention Association

Name	Affiliation	Phone # e-mail	Fax # 423-875-3116	
Steve Beene, President	Hixson Utility District Hixson, TN	423-875-6495 x1230 sbeene@hixsonutility.com		
Larry Stinnett,	Backflow Specialty Co., Inc.	865-688-3171	865-688-3110	
Vice-President	Knoxville, TN	backflowsp@bellsouth.net		
Eddle O'Nelli,	Jackson Energy Authority	731-422-7214	731-422-7584	
Immediate Past President	Jackson, TN	eonelli@jaxenergy.com		
Liba Ford,	JEA	731-422-7517	731-422-7530	
Treasurer/Membership & Newsletter	Jackson, TN	tford@jaxenergy.com		
Angel Goike Secretary	City of Clarksville	931-553-2489 agoīke@clarksville.com	931-553-2490	
Lloyd Rainey, Director, West	Mid America Marketing, Inc.	800-365-6154 lloyd@mldamericamktg.com	901-795-0394	
Todd Ausbrooks	Toddco Sales Inc.	615-248-6010	615-248-6011	
Director, Middle	Nashville, TN	tausbrooks@toddcosales.com	n	
Kent Bowman, Director, East	First Utility District of Knox County	865-966-9741 tudkbow@tds.net	865-675-4955	
Travis Asilinger,	Fleming Training Center	615-898-8090	615-898-8064	
Director-At-Large	Murtreesboro	james.t.aslinger@state.tn.us		
Mike Trigg,	Plumbers & Pipefitters	615-227-5542	615-227-5892	
Director-At-Large	Local 572	local572jatc@msn.com		
Ronnie West ABPA Region 3 Director		910-947-1115 rwestinfotec@earthlink.net	910-947-2496	
Rich Koenig	Nebraska Dept. of Health	402-370-3114	402-370-3493	
ABPA President	Norfolk, NE	rich.koenig@hhss.state.ne.us	3	



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

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:



ABPA DUES: \$50.00 TBPA DUES: _20.00 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

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

TBPA West Section News

The High Cost of Untrained Backflow Installers

By Kris Munson, Watts Water Technologies

Why is it that as an industry, we require the personnel who annually test our backflow preventers to be certified, either by national standards agencies, regional certification programs or local schools? Why as an industry have we not required the personnel who install backflow preventers to be certified by the same or similar schools on the best practices of installing and starting up a water supply that has a backflow preventer installed in it? Have you ever thought about the costs, problems or headaches that are caused by someone installing a backflow that has no idea what it does, how it works or what is required of it in the future?

Unbeknownst to most installers there is an inherently high cost in using untrained labor to install this safety device into the water supply, but it is somewhat hidden due to the way that projects are typically constructed, completed and then turned over to the owner or management of a building. When errors occur during the installation they may go unnoticed for quite a while. It may be months even a few years before issues come up. These errors may be simple and relatively easy to correct, or costly and create ill will between the parties that are involved. The cost to make corrections to the system may be bore by the installing contractor, the building owner, the backflow tester, the backflow manufacturer or any combination thereof. There are many factors that may play into this hidden cost, which we will explore further.

Hidden & Not So Hidden Factors

Some of the factors that may add to this hidden cost are:

- 1. The wrong type of device was installed.
 - a. The plans called for a reduced pressure principal unit and a double check was installed.
 - b. The plans called for a double check unit, but a double check detector unit was required by code.
- 2. The wrong size device was installed.
 - a. The plans called for a 3" but the installer had a
 - 4" or a 2 1/2" or (2) 2" in stock.
- 3. Improper support was used during the installation of the backflow preventer.
 - a. The backflow was used to take up pipe misalignment.
 - b. The backflow was not properly thrust blocked & supported.
 - c. The backflow was not installed in accordance with national/local codes.
- 4. The unit was not started properly after the initial installation.
 - a. The supply line was not cleared of debris before the startup of the system.
 - b. The connections between the backflow and the line were not adequately re-torqued before the system startup.

For the next couple of TBPA Newsletters I would like to address the topic of Untrained Backflow Installers and look more closely at the factors listed.

Lloyd Rainey West Section Director

NEW TBPA Member

Welcome to the newest member!

William Conner Fire Sprinkler, LLC Nashville, TN

TBPA Board Meeting Update

April 5, 2006

Treasurer's report Balance \$8,076.51

Conference Refunds

Two members missed conference and want refunds. Half the registration fee will be refunded based on the lack of an existing policy. A refund policy will be included on the next registration form.

By laws-Resolution 4

This has been drafted to include dissolution and signature changes requested by APBA. The completed Res. 4 will be presented to the board by email and then delivered to members by newsletter. Vote will be held at the July Board meeting.

Proctor Classes

The State has cancelled their initial proctor class plan and is starting over. TBPA feels that proctors should have some minimum requirements. Such as, hold a state certification for backflow, have attended a class on proctoring of at least 4 hours, including a session on ethics. have observed an approved proctor in actual test proceedings, and be on a list approved by the State as a proctor. We will pass these recommendations on to the State backflow personnel.

Web Site Maintenance

Wayne is looking for a class that will match the software of our website and will enroll. The name on the website has been transferred and Liba now has access to the website.

Minimum State Policy

TBPA Regional Directors, say that many of the utilities in their areas are happy with the actual content of their state guidelines, they just want them to be policy with perhaps more specifics on accessibility and permitting. TBPA will contact the State and ask for the opportunity to review minimum requirement once it has been complied and make suggestions.

Charlie Fox has resigned as Middle TN Director. Todd Ausbrooks of Diversified Sales volunteered to serve out Charlie's term. Motion made to accept his service and appoint Todd as Middle TN Director.

Conference 2006

Possible Region 3 Conference will be decided at National Conference. If no Region 3 Conference is scheduled, we will proceed with TPBA Conference. Board decided to hold the Conference in Gatlinburg on October 11th-15th at the River Terrace, Hotel cost: \$76 / night.

Next Board Meeting Date July 12, 2006.

Backflow Prevention Assembly Repair Class & Administration and Survey Classes

Who: Tennessee Backflow Prevention Association and Fleming Training Center

What: 2006 Repair Classes & Administration and Survey Classes

When: November 8, 2006 8:00-5:00

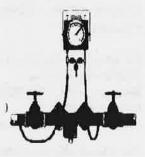
Admin. & Survey Class

Repair Class

December 14, 2006 8:30-4:30

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 <u>required</u> for <u>all</u> 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.)

N/A				
COURSE NUMBER (Mr./Ms)	TITLE OF COURSE	DATES OF	DATES OF COURSE	
NAME	SOCIAL SECURITY NUMBER			
E-MAIL ADDRESS		HOME PHONE		
MAILING ADDRESS: STREET OR PO BOX	CITY	STATE	ZIP	
EMPLOYER		WORK PH	WORK PHONE	
PWSID # OF FACILITY WHERE EMPLOYED (if applical	ble) NPDES # OF FACILITY WHERE EMPL	OYED (if applic	able)	
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.

CN-0863 (Rev. 5/2002)

RDA 2390

Page 4 Tennessee Backflow News

CALL FOR NOMINATIONS

It is election time for the Middle Tennessee Director of TBPA. Please submit all Nominations to Kent Bowman at:

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

You may fax your form to 865-675-4955 or email to jbowman@bellsouth.net.

Nomination for Middle Tannassae Directo

Please submit on or before August 25, 2006. TBPA NOMINATION FORM

Address				
Telephone Number_				
E-mail address				
Nominator's Name				
Address				
Telephone Number _				
E-mail address				
Which section of Tene	is the Mide			

NOMINATION FOR TBPA AWARDS

Each year at the Annual Conference the Tennessee Backflow Prevention Association presents awards to a deserving company and persons who have contributed to the field of cross connection.

Please look at all categories and nominate someone per category.

- 1.) A company or water purveyor that does work with-in the field of cross-connection and promoting TBPA.
- 2.) A person that does outstanding works with-in the crossconnection program or the Backflow industry.
- 3.) A person that has contributed outstanding works with-in the TBPA origination.

	1211 01181111111
	Nomination for Category Number 1
	Name of Nominee
	Address
Ī	Telephone Number
	E-mail Address
	Nomination for Category Number 2
	Name of Nominee
	Address
	Telephone Number
	E-mail Address
	Nomination for Category Number 3
	Name of Nominee
	Address
	Telephone Number
	E-mail Address

You may fax your form to 865-675-4955 or email to jbowman@bellsouth.net.

Please submit on or before August 25, 2006.

The following Resolution has been requested by ABPA and contains dissolution and signature changes to the TBPA Bylaws.

This Resolution will be voted on by the TBPA at the July Board Meeting. If you wish to cast a vote on these changes you must be present at the meeting on July 12th. For questions or comments contact any TBPA Board member.

Resolution No. 04

A RESOLUTION TO AMEND THE BYLAWS OF THE VOLUNTEER CHAPTER OF THE ABPA, TO PROVIDE A REASONABLE AND FAIR MEANS OF DISSOLVING THE CHAPTER AND TO SET AN EFFECTIVE DATE FOR THE CHAPTER BYLAWS.

Whereas, it is required by the ABPA to include a dissolution and effective date article to local chapter bylaws,

Whereas, it is in the best interest of the chapter membership to set an effective date for the by laws,

NOW, THEREFORE, BE IT RESOLVED BY THE VOLUNTEER CHAPTER OF THE AMERICAN BACKFLOW PREVENTION ASSOCIATION:

Part 1

Article 12-Dissolution of the Chapter

Section 12.01 Chapter Dissolution
Chapter of the Association are established as set forth in Section 12.03 of the Association By-laws. Conditions and procedures under which a Chapter may dissolve are set forth in section 12.04.1

Section 12.02 Dissolution by the Association In the event that a chapter does not meet the minimum requirements established in 12.03 of the Association Bylaws, the Association may take action to dissolve the Chapter according to 12.04.1.

Section 12.03 Dissolution by Chapter Board Members In the event that the chapter does not maintain a 20 person membership, and has minimum or no membership participation, the board of directors by a 2/3 majority vote may petition the Association for dissolution of the Chapter.

Section 12.04 Dissolution by Chapter Members Any current member, at their own expense, may generate a petition to dissolve the Chapter. The petition shall contain the reason(s) for dissolution of the Chapter. The petition shall be signed by a minimum of twenty percent of the current membership of the Chapter. The petition and signatures shall be submitted to the Region Director. The Region Director shall forward the petition to the Association. The Association shall confirm that twenty percent of the current membership of the Chapter has signed the petition. If twenty percent is confirmed, the petition shall be passed on to the Board of Directors. The Board of Directors shall authorize the Association to provide notification to the Chapter members, as determined in Section 4.05.7, of the pending dissolution of the Chapter. The Association shall conduct a mail election not less than thirty days from the date of notification to determine the future status of the Chapter. A sealed written ballot shall be returned to the Association. Votes will be tabulated by a committee of at least two Association members appointed by the Association President. The Chapter shall be dissolved with a 2/3affirmative majority vote of ballots returned by the Chapter membership and revocation of the Charter by the Board. If less than twenty percent is on the petition, the petition shall be returned to the sender and the petition shall be considered null and void.

Section 12.05 Dispersement of Chapter Funds In the event that the Volunteer Chapter of the ABPA is dissolved then the assets shall be distributed in a manner consistent with Article II of the Association Bylaws to be used within Region 3.

TBPA East Section News

I hope everyone had a great Spring and I'm sure everyone has already begun or has started preparing for a busy Summer of testing Backflow Assemblies on Irrigation Systems.

Charlie Fox had to step down from the Middle Tennessee Director position due to health concerns. I hope Mr. Fox feels better soon. Todd Ausbrooks from TODDCO Sales in Nashville has stepped in to fill Charlie's position until the election that will be held this Fall. I have known Todd since 2002 and I'm sure he will do a great job. Thanks Todd.

2006 Conference

This October the TBPA Conference has been moved from Middle Tennessee to East Tennessee. It will be held from October 11th -13th at The River Terrace Resort & Convention Center at 240 River Road in Gatlinburg. The room rate is \$76.00 / night. The hotel has offered the TBPA Members 19 rooms for Friday and Saturday nights following the conference. You must tell them you are with TBPA in order to receive the \$76.00 rate.

For room Reservations call The River Terrace at (865) 436-5161 or Fax them at (865) 436-7219.

If you have any questions concerning the Conference call me at First Utility of Knox Co. (865) 966-9741 ext. 123 or Larry Stinnett at Backflow Specialty Co. (865) 688-3171.

Larry Stinnett and I are putting the finishing touches on the Conference preparations. In 2004 we had a great turn out in Gatlinburg and we hope to have a bigger turn out this year. Looking forward to seeing everyone in October!!

Kent Bowman East Tennessee Director



Larry Stinnett

P.O. Box 12162 4611 Central Ave. Pk. Suite H

Knoxville, TN 37912

(865) 688-3171 Fax: (865) 688-3110 Mobile: 388-7112 Email: bacflosp@aol.com

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Fax: (706) 965-9326 Toll Free: 866-606-9775 E-mail: backflowtest@catt.com

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> MIKE TRIGG **Training Coordinator**

225 Ben Allen Road

Bus. Phone: (615)227-5542 Fax: (615)227-5892

Nashville, Tennessee 37207 www.uatn.org/572/572.htm

local572jatc@mindspring.com

TBPA BOARD MEETINGS

JULY 12TH~ JATC Building, 225 Ben Allen Rd., Nashville, TN Call 615-227-5542 for information. All Members Welcome.

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-

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.

Cross Connection Control Classes

Course Name

Cross Connection Control Workshop (BASIC)

(Textbook: None; approved procedure sent with confirmation letter)



- · August 1-4
- · August 15-18 Kingsport ·September 19-22 - Knoxville
- · October 10-13
- November 28-December 1

3102 Cross Connection Control Workshop (RENEWAL) (1 day)

(Textbook: None; approved procedure sent with confirmation letter)

- July 31-Aug.1
- · August 14-15 Kingsport
- · September 18-19 Knoxville
- · October 3-4 Memphis
- November 27-28
- December 6-7 Memphis

CCC Seminar

- · November 8 Administration and Survey Class (1 day)
- · December 14 Assemble Repair Class (1 day

- 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
- To list or update your training classes contact Eddie O'Neill at eoneill@jaxenergy.com

WILKINS

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Charlie Fox ~ Steve Smith



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