

## BACKFLOW LINKS

For more backflow information check out these web sites:

**\*\* Information about backflow prevention:**  
[www.abpa.org/backflow.htm](http://www.abpa.org/backflow.htm)

**\*\* Information about water quality:**  
[www.epa.gov/305b/sum1.html](http://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](http://www.abpa.org/incidents.htm)

**Check Out Our Website!**  
[www.tnbackflow.com](http://www.tnbackflow.com)  
*Your Association working for safe drinking water in Tennessee*

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

# TBPA



# Tennessee Backflow News

**Spring 2007**



## NEXT BOARD MEETING

**10:00 AM**  
**Wednesday**  
**Apr. 4, 2007**  
JATC  
225 Ben Allen Rd.  
Nashville, TN  
(For info call 615-227-5542)

Check Out  
Our Website!  
[www.tnbackflow.com](http://www.tnbackflow.com)

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### 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 TBPA members, I hope all is well with everyone. First, I want to welcome Randy Harrell to the TBPA Board as Middle Tennessee Director. I look forward to working with Randy for at least the next two years.

I know it's only March but time flies and there are two things I would like everyone to start thinking about. The first is our Annual Conference in October. We will be in Murfreesboro this year at the Double Tree Hotel on October 18th & 19th. Mark this on your calendars and start making plans to attend.

The second thing to consider is the election of the TBPA Vice-President for this Fall. This is an important election because this person will serve two years as Vice-President and then move into the position of President of the organization. We need good people to step up and help lead. The Board members we have now cannot serve forever. So, everyone please think about this and let's have some top notch nominations for this position when the time comes this fall. I know there are a lot of qualified candidates in the ranks of our membership.

Good-bye for now and have a great summer.

Steve Beene  
President TBPA

## TBPA Award

TBPA wishes to apologize that the following picture was left out of a recent Newsletter. Larry Stinnett presented the city of Gatlinburg with the TBPA Award for their contribution to the field of backflow by a utility provider. Accepting the award were Dale Phelps, Mike Leatherwood and Dale Reagan. Thank you all for your support.



### Upcoming Events

**TBPA Board Meetings**  
July 11<sup>th</sup> - Nashville  
October 17<sup>th</sup> - TBPA Conference  
Doubletree Hotel - Murfreesboro

**ABPA Conference & Tradeshow**  
April 30 - May 2, 2007  
Silver Legacy Hotel and Resort  
Reno, Nevada

# Tennessee Backflow Prevention Association

Name	Affiliation	Phone # e-mail	Fax #
Steve Beene, President	Hlxson Utility District Hixson, TN	423-875-6495 x1230 sbeene@hixsonutility.com	423-875-3116
Larry Stinnett, Vice-President	Backflow Specialty Co., Inc. Knoxville, TN	865-688-3171 backflowsp@bellsouth.net	865-688-3110
Eddie O'Neill, Immediate Past President	Jackson Energy Authority Jackson, TN	731-422-7214 eonell@jaxenergy.com	731-422-7584
Liba Ford, Treasurer/Membership & Newsletter	JEA Jackson, TN	731-422-7517 lford@jaxenergy.com	731-422-7530
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 Director, Middle	Consolidated Utility Dist. Murfreesboro, TN	615-893-7275 rharrell@cdrc.com	615-893-4913
Kent Bowman, Director, East	First Utility District of Knox County	865-966-9741 fudkbow@tds.net	865-675-4955
Travis Aslinger, Director-At-Large	Fleming Training Center Murfreesboro, TN	615-898-8090 james.t.aslinger@state.tn.us	615-898-8064
Mike Trigg, Director-At-Large	Plumbers & Pipefitters Local 572	615-227-5542 local572jtc@msn.com	615-227-5892
Wayne Cook, Director-At-Large	Shelb. Power, Water & Sewer Shelbyville	931-681-5713 waynecook@blomand.net	931-685-0113
Ronnie West ABPA Region 3 Director		910-947-1115 rwestinfotec@earthlink.net	910-947-2496
Rich Koenig ABPA President	Nebraska Dept. of Health Norfolk, NE	402-370-3114 rich.koenig@hhss.state.ne.us	402-370-3493



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 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 Support of the device.

#### Improper Support

How many backflow manufacturers do you know who list their unit as a "pipe alignment device?" Although I could find no manufacturers who list that as a design feature, there are many installers out there who use the backflow preventer as just that. The concern is that the backflow is designed and tested as a "no-load" device. By using the backflow preventer to align the pipe, undue stress may be put on the backflow. This may not cause a problem if the misalignment was minor, but if the misalignment was great enough, it could cause bodies to crack, shutoff valves to not operate properly, or internal components to be non-removable without first relieving the stress from the assembly.

This condition would normally be completely hidden after the installation was completed and would not typically appear until either the backflow cracks from the stress or the internals cannot be removed when the unit is opened for service. In either case the possibility is there for a significant charge to correct the installation so that the backflow is returned to a "no-load" connection and it is repairable, this is a tough situation to identify due to the fact that the backflow may look perfectly normal and it is not until a later point in time that the misalignment is discovered.

Something that directly relates to using a backflow as a "pipe alignment device" is improper thrust blocking or support of the unit. In contrast to what was stated previously, a backflow unit may be installed with "no-load," but also without any external support for the unit and its shutoffs. This may be acceptable at the time of installation, but as the ground settles the piping and backflow may shift thereby creating stress on the unit. This is another situation that is tough to identify at the time of installation, but with adequate support as part of the backflow preventer installation, the hidden costs previously mentioned can be reduced or eliminated.

Lloyd Rainey  
West Section Director

## TBPA East Section News

On March 6th the East Tennessee Section of the TBPA held a Watts Repair Class at KUB. 52 people were in attendance to learn from and ask questions of Watts representatives Lloyd Rainey and Richard Goodman. During the morning, the class observed them breaking down the double check and reduced pressure backflow assemblies. During the afternoon, they saw slides of different installations and cross connections examples. Travis Aslinger from the Division of Water Supply spoke to the group and was available to answer questions. We would like to thank Lloyd, Richard and Travis for their time along with Watts for the free BBQ lunch. I would also like to thank Brent Ogles and Jamie Kirkham for reminding everyone of the class.

We are working on scheduling another repair class for Fall 2007. Watch the TBPA newsletter for more information. Everyone is welcome at the next TBPA Board meeting on April 4th in Nashville and remember to start making plans to attend the Conference in Murfreesboro on October 18th and 19th.

Kent Bowman  
East Tennessee Director

### The Complete Source for all Backflow Parts & Accessories



YOUR BACKFLOW PRODUCTS CONNECTION

FAX (310) 639-0721 CONNECTION (800) 458-3492

## 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: \$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

## TBPA Middle Section News

Welcome to the new TBPA Middle Tennessee Director, Randy Harrell. Randy has worked at Consolidated Utility District since July 1987. He is the Water Quality Coordinator and has been involved in Cross- Connection and Backflow programs for 13 years. Randy and his wife Cindy have two children, Kathy and Taryn. The Harrell's live in Beech Grove, TN located in Coffee County. Randy wants everyone to know he is looking forward to working with the TBPA, and if he can aid anyone with their program, please feel free to give him a call. Thanks Randy for serving as our Middle Tennessee Director.

## NEW TBPA Member

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

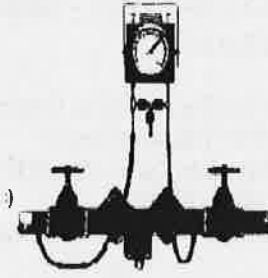
Thomas A. Greer

Greer & Associates

Knoxville, TN

# Backflow Prevention Assembly Repair Class & Administration and Survey Classes

**Who:** Tennessee Backflow Prevention Association and Fleming Training Center  
**What:** 2007 Repair Classes & Administration and Survey Classes  
**When:** August 30 8:30-4:30 Repair Class  
**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.**

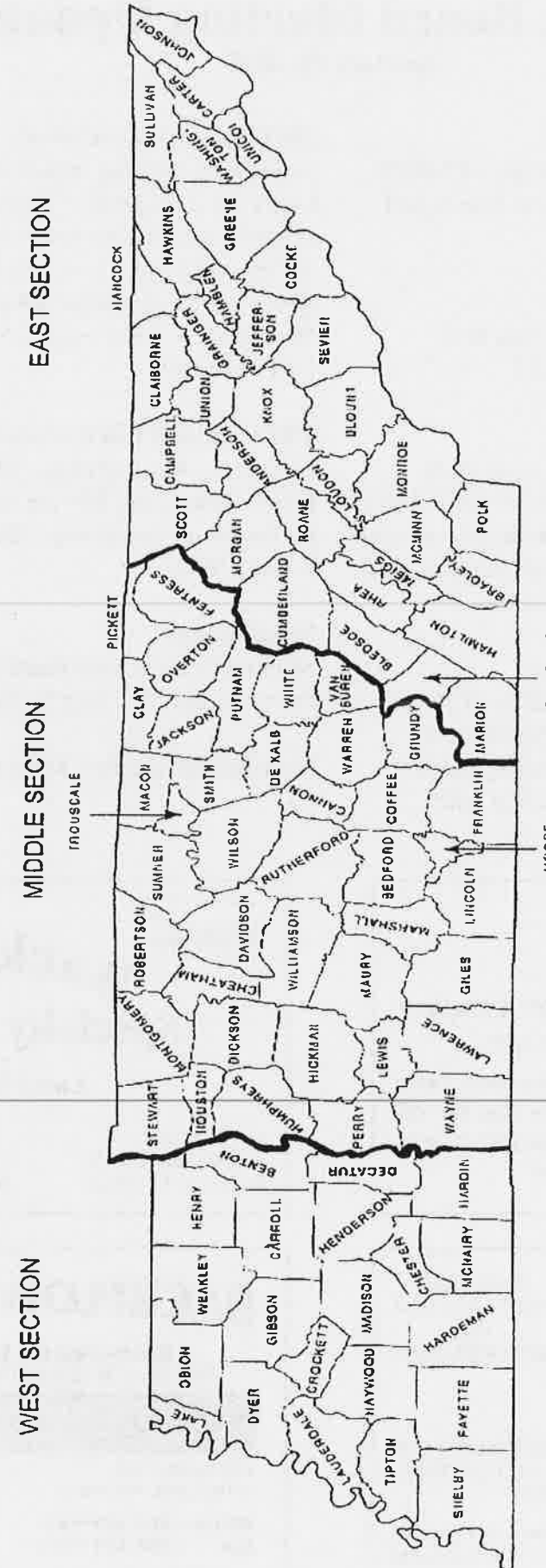
**No cost** but class size is limited and **registration is required.**

Please use registration form below, indicating the date (or dates) you wish to attend.

DEPARTMENT OF ENVIRONMENT AND CONSERVATION Training Class / Seminar Registration <b>REGISTRATION REQUIRED</b> Only <u>One</u> Person and <u>One</u> 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: <b>Fleming Training Center - 2022 Blanton Drive - Murfreesboro, TN 37129</b> Fax: (615) 898-8064 (All faxes should be printed or type written.)			
N/A			
COURSE NUMBER (Mr./Ms)	TITLE OF COURSE	DATES OF COURSE	
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.

## Tennessee Backflow Prevention Association Sections



If you are unsure which section of TBPA your county is in, see the above map.

# TBPA Board Meeting Update

January 10, 2007

## New Officer

Randy Harrell was elected to the position of Middle Tennessee Director. Congratulations to Randy and thank you for agreeing to serve.

## Treasurer's report

Balance \$11,731.34 - Annual report presented. Annual Conference revenue: \$4,885.62.

## National Association

A letter will be sent to ABPA asking what other Chapters donate to the Region 3 Director for financial assistance. John Oakeson will be contacted - we still have not received communication from our Regional Director about National Board activities.

## TBPA CD

CD is to be sold to TBPA members only. If Wayne assists other regions with a CD development, a statement should be added which possibly reads: "with the permission of or in cooperation with TBPA."

## 2007 Regional Conference

A planning meeting was held after the TBPA Conference on Friday October 13th. We need to submit topics and/or speakers to National. We need to find out if we are responsible for payment of speakers. Suggestions: Doug Cregor - Legal issues; Ned Towle - Pump issues; Wayne Cook - CD and Larry Stinnett.

## TBPA Annual Conference 2007

Location - Murfreesboro, TN - The Doubletree Hotel. Room rate \$84 per night. Wayne and Randy will work on the details. Dates will be October 17th - 19th, 2007.

## Nominations

Nominations for Vice President, East and West Directors due this year by September 30th.

Next Board Meeting Date April 4, 2007



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E-mail: backflowtest@catt.com



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Larry Stinnett

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Knoxville, TN 37912      Email: backflowsp@bellsouth.net

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**Office - 662-333-9007**      **Roger Crane**  
**Fax - 662-333-7544**      Instrument Technician

# Tennessee Training Calendar


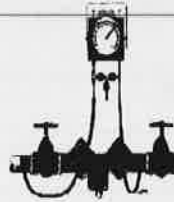
## Tennessee Department of Environment and Conservation - Cross Connection Control Training Classes

**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.*

Cross Connection Control Classes	
No.	Course Name
2103	 <b>Cross Connection Control Workshop (BASIC) (3 days)</b> (Textbook: None; approved procedure sent with confirmation letter) <ul style="list-style-type: none"> <li>• April 17-20 - Kingsport</li> <li>• May 22-25 - Knoxville</li> <li>• June 12-15</li> <li>• July 17-20 - Jackson</li> <li>• July 21-Aug. 3</li> <li>• August 14-17 - Kingsport</li> <li>• Sept. 18-21 - Knoxville</li> </ul>
3102	 <b>Cross Connection Control Workshop (RENEWAL) (1 day)</b> (Textbook: None; approved procedure sent with confirmation letter) <ul style="list-style-type: none"> <li>• April 16-17 - Kingsport</li> <li>• May 21-22 - Knoxville</li> <li>• June 11-12</li> <li>• June 28-29 - Memphis</li> <li>• July 16-17 - Jackson</li> <li>• July 30-31</li> <li>• August 13-14 - Kingsport</li> <li>• Sept. 17-18 - Knoxville</li> </ul>
	<b>CCC Seminar</b> • August 30 - Assembly Repair Workshop

• **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](mailto:eoneill@jaxenergy.com)*

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