

Your Association
working for safe
drinking water
in Tennessee

Check Out Our Website!
www.tnbackflow.com

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

Tennessee Backflow News

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 Eddie O'Neill

The 2005 ABPA Conference and Trade Show was well attended. TBPA representatives and members present were myself along with Steve Beene, Dave Burkholtz and Grady Gentry. Ronnie West was reelected as our Regional director. He plans for his focus for this next term to be on communication with the chapters in his region. I am proud to announce that the Tennessee Chapter received a President's Award for Chapter Excellence. Thanks to everyone who made this award possible and to Steve Beene for compiling and submitting the information.

TDEC Division of Water Supply has requested a few changes in our updated version of the Cross Connection Manual. With these changes, they intend to adopt our version as the new State Manual.

Plans are being made for this year's TBPA Conference to be held in Memphis. It is expected to be very informative. Make your plans to attend!

A Word from our Vice-President

TBPA Members:

First of all I want to tell everyone how proud I am that the Tennessee Chapter received a PACE Award (President's Award for Chapter Excellence) at the ABPA Conference in Orlando. There are currently forty-one chapters of ABPA and only eight PACE Awards were awarded. So, everyone keep up the good work and congratulations to all.

I cannot believe it is June and half of 2005 is over. Time flies! It is time to start making plans to attend the TBPA Annual Conference. This year we move back to West Tennessee and the Conference will be in Memphis. I was there in 2002 and had a great time, so please plan to attend and remember our next Board of Directors meeting is July 6th in Nashville and everyone is invited to attend.

Steve Beene

2005 TBPA Conference Location

The tenth annual Tennessee Backflow Prevention Association Conference will be held in Memphis, Tennessee on Thursday and Friday, October 20th and 21st 2005.

The Conference will be held at the Memphis Radisson Downtown. The Radisson has 280 newly renovated rooms with complimentary wireless Internet service, newly renovated TGI Fridays Restaurant, Outdoor Swimming Pool, Jacuzzi, Health club and Valet Parking.

They are located within walking distance from many local attractions including: Beale Street, The Fed-Ex Forum, Auto Zone Park, Redbird Stadium, Gibson Guitar Factory, BB Kings, Peabody Place Galleria Mall, National Civil Rights Museum, Mud Island and just

minutes from Graceland. You can truly experience all that the city has to offer!

** As of July 15 they will become a Doubletree and will adopt the Hilton Honors program, the renovations will be complete and you will be at a brand new hotel! **

Upcoming Events

2005 TBPA Board Meetings

July 6th

October 19th -- Conference site

TBPA Annual Conference

October 20th & 21st

Radisson Hotel • Memphis, TN

Summer 2005



NEXT BOARD MEETING

10:00 AM
Wednesday
July 6, 2005

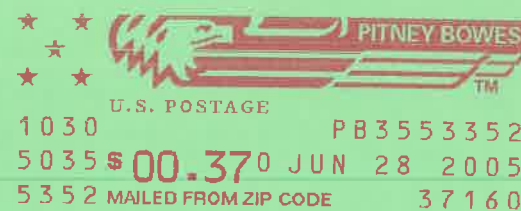
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(For info call 615-227-5542)

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



TBPA



Tennessee Backflow Prevention Association

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Steve Beene, Vice-President	Hixson Utility District Hixson, TN	423-875-6495 x1230 sbeene@hixsonutility.com	423-875-3116
Larry Stinnett, Immediate Past President	Backflow Specialty Co., Inc. Knoxville, TN	865-688-3171	865-688-3110
Liba Ford, Treasurer/Membership & Newsletter	JEA Jackson, TN	731-422-7517 lford@jaxenergy.com	731-422-7530
Angel Goike Secretary	City of Clarksville	931-553-2469 agoike@clarksville.com	931-553-2490
Lloyd Rainey, Director, West	Mid America Marketing, Inc.	800-365-6154 lloyd@midamericamktg.com	901-795-0394
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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 East Section News

TDEC training supervisor Randal Jones held a Distribution certification class at KUB in Knoxville on May 19th. Approximately 50 people from utilities located in East Tennessee were in attendance. Kent Bowman and Larry Stinnett were guest speakers representing TBPA at the training. They discussed starting a Cross Connection Control program and used the newly developed TBPA informational program. TBPA registration forms were handed out and questions were answered.

The East Tennessee section is planning a Wilkins repair class to be held in November at the KUB Operations Center. A representative from Wilkins will conduct the training. Look for the date in future newsletters.

TBPA West Section News

The Need For Properly Installed Pressure Vacuum Breakers

The West Section News continues in this issue with a walk through an actual medical facility. First, as we leave the facility itself and go outside, we find four pressure vacuum breakers (PVBs) that are all 1.5-inch in size. Two are installed properly, at least 12 inches above the highest line of piping they serve. Two are incorrectly installed. Although they are at least 12 inches above the ground, they are located next to vehicle service doors that are at basement level, more than eight feet below the grade of the ground they serve. Why is this a problem? A PVB cannot be subjected to back-pressure. These two assemblies must either be relocated to a position 12 inches above the highest line of pipe they serve or be replaced with RPZs.

Back inside we find an impressively large atrium that includes a pond with circulation and make-up water supply. Due to the complexity of the atrium, there are three PVBs for irrigation, as well as an air gap for the pool feed. All are properly installed and adequately protect the water supply. Why is it necessary to have three assemblies and an air gap to do the job that one RPZ located in the mechanical room could do for less cost and far less danger of being damaged? The answer is "It's not."

A medical facility this size has a rather large x-ray development center. All the developers in this case are protected by three chrome-plated PVBs installed six feet up on a wall inside an electrical equipment room, directly over and centered above three telephone-switching cabinets. It looks good and protects the water supply. What is the problem? To begin with, PVBs were never intended for inside installations, even if they are chrome plated, and they should never be installed above sensitive electrical equipment, such as a telephone switch. They must be relocated and replaced with either three spill-resistant vacuum breakers (SVBs) or one RPZ of adequate size.

While on the topic of chrome-plated vacuum breakers, there are several exam rooms for specialized medicine that require water for portable equipment. Each room is piped

with a PVB located high on the wall or in the ceiling above the exam area. Remember the problem of spillage from a PVB? These units are causing water problems in every case, mainly due to the location of the shut-off or control valves in front of the backflow preventer. The solution is to replace all of these PVBs with an approved SVB. Keeping in mind the need for annual testing and repair, they should be relocated in an easily accessible location. Please check local and state codes.

Next Month - OTHER POTENTIAL PROBLEM AREAS!!!

Lloyd Rainey
West Section Director

TBPA Middle Section News

On June 16th a meeting was held to discuss cross connection with water purveyors and Travis Aslinger. There were approximately 12 people in attendance. The topic of the meeting was how to bring about continuity to the cross-connection program. Mr. Aslinger was present to speak and to hear what problems the water purveyors are having.

The main concern was the inconsistencies that exist in each purveyor's program. Mr. Aslinger stated that he would look at several water purveyors Ordinances to see where the major differences exist. He stated that if water purveyors had a standard to follow, then we could adjust each Ordinance to have continuity across the State of Tennessee.

Another concern was that everyone should have their Ordinance reviewed every 5 years to insure they are kept up to date. Mr. Aslinger stated that he would follow-up as soon as possible on all the information he gained from the meeting.

I want to thank everyone who attended the meeting. Everyone at the meeting understood that by working together, we maybe able to cure this problem of inconsistency in the Cross-Connection Program across the State of Tennessee.

Wayne Cook
Director-at-large

TBPA CD Update

I have been working like crazy on this project. Thanks to some TBPA members that were waiting for their copy of the CD, we have found the problem. We were looking at the XP program as the main problem, but it looks like it's the version of Word and Access that is giving us so much trouble. We are planning to have a meeting with everyone involved with the project, fix the CD and have it ready to send out soon.

I and all of the Board Members of TBPA, want to thank everyone for their patience and understanding on this project. I am sure that when this CD is finished that you will agree that it was worth the wait.

Thank You,
Wayne Cook
Director-at-large

TBPA/ABPA MEMBERSHIP FORM

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American Backflow Prevention Association

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ABPA DUES: \$50.00

TBPA DUES: 20.00

ANNUAL DUES TOTAL: \$70.00

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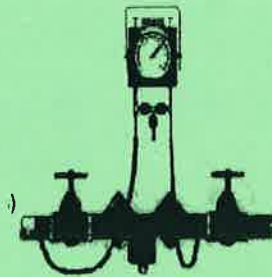
Jackson, TN 38302

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

Backflow Prevention Assembly Repair Class & Administration and Survey Classes

Who: Tennessee Backflow Prevention Association and Fleming Training Center
What: 2005 Repair Classes & Administration and Survey Classes
When: August 4, 2005 8:30-4:00 Repair Class - Product TBA
 November 10, 2005 8:00-5:00 Administration & Survey 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.

 <p>DEPARTMENT OF ENVIRONMENT AND CONSERVATION Training Class / Seminar Registration</p> <p>REGISTRATION REQUIRED Only <u>One</u> Person and <u>One</u> Class/Seminar Per Registration Form!</p>			
<p>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.)</p>			
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.

CN-0863 (Rev. 5/2002)

RDA 2390

TBPA Board Meeting Update

April 6, 2005

Treasurer's report

Balance \$8,347.08 - Annual report presented. Angel will send out newsletter advertisement renewal invoices.

Proctor Training

The first class is to be held in September or October. Travis will send a class outline and information.

ABPA Board

The TBPA Board decided to send a letter to the ABPA President, Vice-President and Region 3 Director to let them know our concerns and finalize the communication problems caused by the dues increase.

Backflow Certification Exam

The written test for backflow certification is now standardized.

ABPA Annual Conference

Eddie will be representing TBPA at the conference.

TBPA 2005 Conference

Lloyd presented information on Memphis and the hotel site. The Radisson is to be the site on the following dates October 20th and 21st. The Board meeting will be held on October 19th. The Board approved charging \$125 for member / \$195 for non-member / \$300 vendor. Also, \$50 for 1-day technical session and vendor expo only. Vendors will be in the same room as the sessions as last year.

Thank You

For a couple of years now TBPA has been promising the water purveyors a cross connection program. This program would help reduce the paper work of forms, manuals, drawings, etc. and would have a customer database for each customer's individual information. The reality of this program was beginning to wear very thin, until June of this year.

Wayne Cook, of Shelbyville Power & Water, presented Flat Creek Water Co-op with the cross connection program disc. Mr. Cook was very skeptical about the disc actually working, considering he had tried the disc on other water purveyor's computer systems unsuccessfully. Both Mr. Cook and I were very pleased when the program downloaded correctly.

The program is more than I expected. Every form you need is now at your fingertips, eliminating additional folders in the filing cabinet. The customer database has many features that will help improve any on going cross connection program. The program is simple and easy to use; you don't have to be a computer genius. This program will be beneficial to all water purveyors no matter how small.

I would like to thank TBPA and Mr. Cook for providing Flat Creek Water Co-op with the cross connection program disc and giving me the opportunity to inform other water purveyors of the success that they have made with this program.

Thank You,
 Karla Warren
 Flat Creek Water Co-op, Inc.

ABPA Request

I have been asked to submit the name of a potential candidate for each Association Committee by June 30, 2005 to each Committee Chair.

If you know of anyone and / or if you would be willing to serve on one of the ABPA Committees, please advise me ASAP.

Thanks for your assistance.

Ronald S. West
Region 3 Director ABPA

ABPA Region 3 Director Elected And New ABPA President

Ronnie West has been reelected as the Region 3 Director to ABPA. Region 3 includes the states of Alabama, Florida, Georgia, Mississippi, North and South Carolina and Tennessee. Ronnie is currently employed with Infotec, LLC located in Carthage, North Carolina. He is the training / consultant coordinator for the Cross Connection Control training courses.

He has been a member of ABPA for 17 years and during that time has held many positions in the Carolinas Chapter and other backflow associations. His goals as Region 3 Director include; improving communication between ABPA Board and local Chapters, working within the Region to implement annual Regional Conferences and working with the ABPA Board in order to maintain ABPA's status as an industry leader in Cross Connection Control.

Congratulations Ronnie. The TBPA Chapter looks forward to continuing to work with you in the field of backflow prevention.

At the end of the ABPA Conference Rich Koenig assumed the duties of President of ABPA. Rich moves to this position after serving as Vice-President and expressed his thanks to everyone for their support and assistance.

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www.uatn.org/572/572.htm local572jtc@mindspring.com

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) (4 days)
(Textbook: None) Classes are at the Fleming Training Center in Murfreesboro unless otherwise indicated. *See Schedule Below.*

Cross Connection Control Workshop (RENEWAL) (2 days)
(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	Cross Connection Control Workshop (BASIC) (3 1/2 or 4 days - dependent upon location) (Textbook: None; approved procedure sent with confirmation letter) • June 28-July 1 - Jackson (3 1/2 days) • July 26-29 (3 1/2 days) • August 16-19 - Kingsport (3 1/2 days) • September 13-16 - Knoxville (3 1/2 days) • October 17-20 (4 days) • November 14-17 (4 days)
3102	Cross Connection Control Workshop (RENEWAL) (1 1/2 or 2 days - dependent upon location) (Textbook: None; approved procedure sent with confirmation letter) • June 27-28 - Jackson (1 1/2 days) • July 25-26 (1 1/2 days) • August 15-16 - Kingsport (1 1/2 days) • September 12-13 - Knoxville (1 1/2 days) • December 5-6 (2 days)
CCC Seminar • August 4 - Backflow Prevention Repair Class (1 day) • November 10 - Administration and Survey 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 edoneill@jaxenergy.com*

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Katherine P. Zeller Office: (706) 965-5951
Fax: (706) 965-9326

TBPA BOARD MEETINGS

JULY 6, 2005 ~ JATC Building, 225 Ben Allen Rd., Nashville, TN

Call 615-227-5542 for information. *All Members Welcome.*