

Tennessee Backflow Prevention Association



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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 \$50 annually, and are payable to the TBPA Treasurer. Annual dues include \$20 for Tennessee and \$30 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 Golke, Secretary
c/o City of Clarksville
1030 Pumping Station Rd.
Clarksville, TN 37043

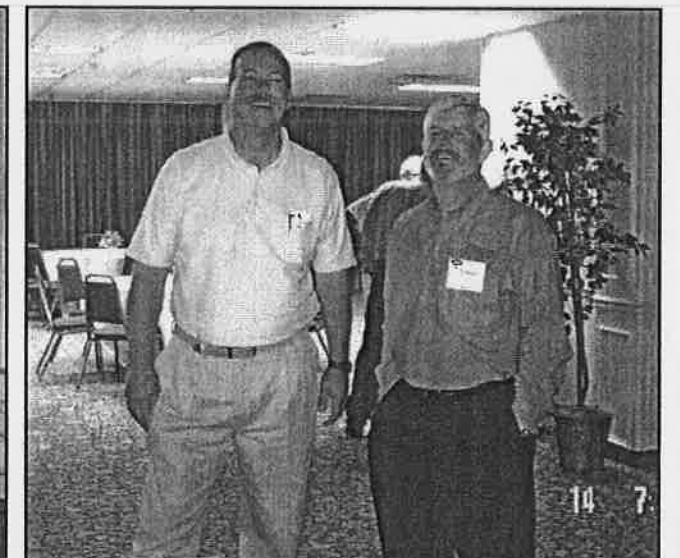
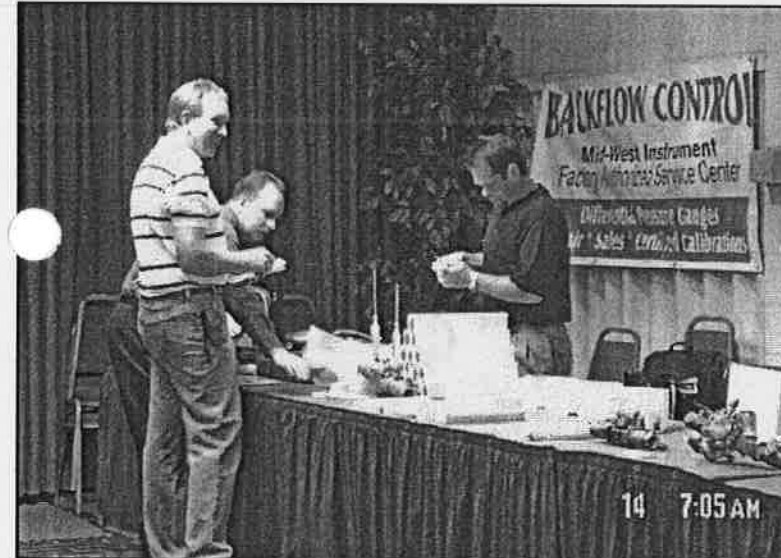
TBPA CONFERENCE



Larry and Brad Stinnett



Vendors and attendees at the Conference.



TBPA/ABPA MEMBERSHIP FORM

Tennessee Backflow Prevention Association
American Backflow Prevention Association

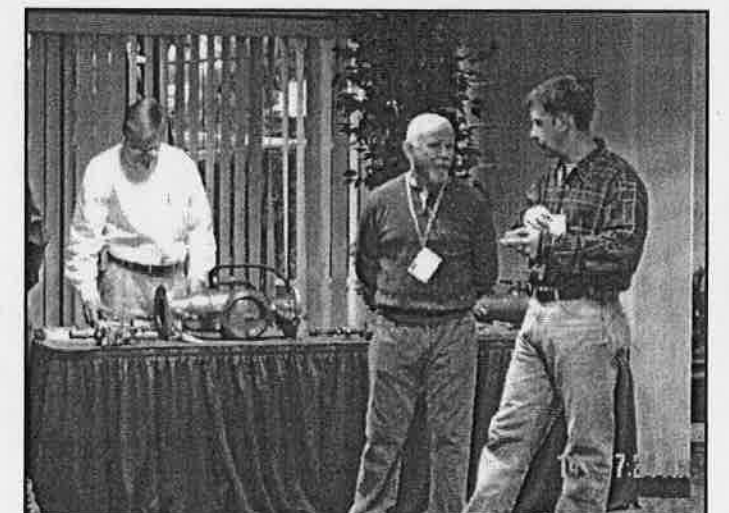
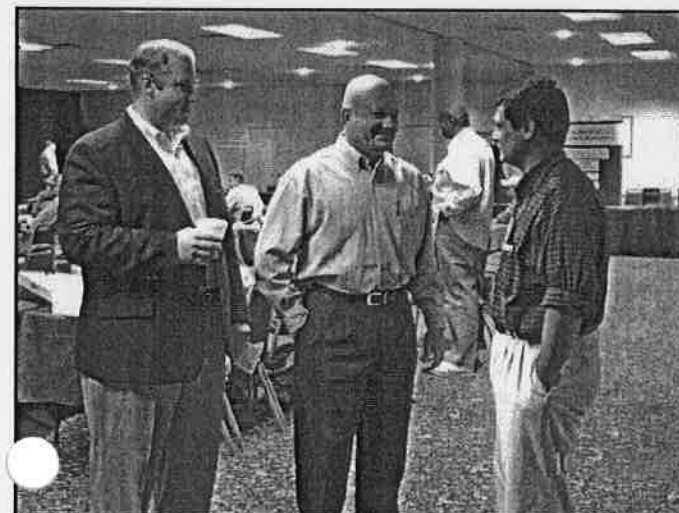


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 NEW: _____

ABPA DUES: \$30.00
 TBPA DUES: 20.00
 ANNUAL DUES TOTAL: \$50.00

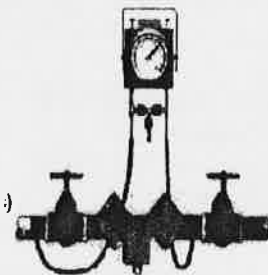
Please remit total to:
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 Liba Ford
 c/o JEA
 P.O. Box 68
 Jackson, TN 38302

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



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: May 12, 2005 8:30-4:00 Repair Class - Product TBA
 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.

TBPA East Section News

The East Section of TBPA held a repair class on November 10th at Knoxville Utility. We were pleased to have 21 people in attendance. Michael Ray, the Technical Services representative with Febco and SPX Valves from Fresno, California conducted the class. Mr. Ray covered breakdowns, followed by a question and answer session.

Todd Ausbrooks from Toddco Sales in Nashville was present and supplied the class with handouts on all the Febco Products covered. He also supplied a BBQ lunch for the class.

The East Section would like to thank Michael Ray and Todd Ausbrooks for their assistance in conducting the repair class. The class was very informative and educational. We hope to hold another repair class in 2005.

Merry Christmas to everyone!

Kent Bowman, East Section Director

TBPA West Section News

This article reviews an actual medical facility, looking at things that were done properly, as well as the things that were done improperly or not done at all.

The project begins on the drawing board of an architect-designer and then moves on to the desk of the plumbing and mechanical design professions, where the piping systems will be fitted into the envelop of the building. All the parts must not only fit together but also should look good when the project is complete. Unfortunately, it is the "looking good" part that can be problematic, allowing aesthetics to take precedence over future repair or periodic required maintenance considerations.

With all the varied procedures taking place in a medical facility, cross-connection control is vital to prevent backflow problems, but it is sometimes overlooked. Consider the following scenario involving containment of both the domestic and fire protection systems, located in the boiler and equipment room.

Reduced pressure backflow preventers protect both systems, with 4-inch on the domestic and 8-inch on the fire line (foam system). Both assemblies were installed properly, with adequate thought given to future maintenance. This system properly protects the public water supply from the facility. The problem in this situation arises when you look inside the facility at the various cross-connections located throughout the facility at the various cross-connections located throughout the facility that go to other areas, such as outside irrigation, inside planters and ponds, cooling towers, exam rooms with water-supplied appliances - ray developers, dialysis rooms, computer room cooling systems and janitorial closets. At any one of these points, contaminated water can backflow into these systems, unless isolation assemblies are installed. These assemblies are installed at point-of-use to protect the potable water inside

the building from potential contaminants and pollutants located inside the facility itself.

I believe more discussion on this topic is needed to keep our membership informed, not only in West Tennessee but also throughout the State. Remember, take a closer look at all medical facilities to discover how well its backflow prevention has been designed and implemented.

Merry Christmas and Happy New Year,

West Tenn. Director Lloyd Rainey

TBPA Middle Section News

Administration and Survey Class

TBPA had a class on Administration and Survey in a Cross Connection Program at the Fleming Training Center in November. We had approximately 35 people in attendance. This was a very good turn out and we are hopeful that the next class will be just as well attended. The information that was covered is listed in the agenda:

- 8:30 am Introduction and outline of the day's events
- 8:45 am Standards and Authority for a Cross-Connection Control Program?
- 9:45 am State of Tennessee Laws for a Cross-Connection Control Program
- 10:30 am Survey - Do we need them? If so, what do we look for and document?
- 11:15 am A Walk-thru Survey
- 12:00 pm Lunch
- 1:30 pm State of Tennessee Sanitary Survey for Water Purveyors
- 2:15 pm TBPA Administration and Survey CD explained
- 3:00 pm Questions and Answers
- 3:45 pm Adjourn

As everyone can see we covered a little bit of everything. We did not have the time to to in-depth on each subject but we did have some very good discussions.

We have another class scheduled for November 2005. If we have a lot of interest in having a class sooner, we are willing to schedule one for earlier in 2005. If you are interested in this class please let your TBPA Section Director know as soon as possible.

As you can see, the Middle Section has had a busy quarter. The biggest thing is of course, the new TBPA CD for helping water purveyors to do their work in their Cross Connection Program. The CD is helpful in many ways: purveyors have forms at their fingertips for use in their program, 9 different drawings showing how the backflow device is to be installed, an Access program that will give the Administrator the ability to control their program and all of the backflow devices in their system. They can also keep track of all the testers and their test equipment. This is a program for the membership and as the need for change arises, we can have the CD grow with that need. This is truly the members Cross Connection Program.



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Larry Stinnett

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TBPA BOARD MEETINGS
JANUARY 18, 2005 ~ JATC Building, 225 Ben Allen Rd., Nashville, TN
Call 615-227-5542 for information. All Members Welcome.

TBPA Conference Presentation

By Wayne Cook

My presentation at the Conference this year covered the many aspects of the Administration and Survey Class started by TBPA. I introduced the new TBPA CD that was produced to help bring continuity to the cross connection program. Every water purveyor in the State of Tennessee is required to have an ongoing, working cross connection program. This CD was designed to assist water purveyors develop and maintain their cross connection programs.

The CD is divided into three sections -- **Forms, Drawings, and Database.**

The **Forms Section** contains letters for first-time inspections, annual testing or inspections of backflow devices. These letters can be used to contact customers and inform them of upcoming work that is to be done. Also, located in this section is other information that would be useful to the person administering the cross connection program. For example: a copy of the State Manual, Thermal Expansion letter, other form letters that can be changed to fit the individual's needs and to help the cross connection administrator.

The **Drawings Section** will put into your hands, 9 different drawing on the installation of a backflow device. This program will allow the user to change the wording to inform the installer of the device on how you want the backflow device to be installed. By giving one of these drawings to the installer doing the work, they will have less problems with installation. The installer using your specs can avoid further conflicts.

The **Database Section** is in Access format. Access will need to be installed on the user's computer. This section for 4 different tabs. The **Customer** tab has a place for important customer information, for example: Name, Address, Telephone Number, etc. The tab for **Assemblies** has a place for all information on the devices that are at each customer location. This tab will help in keeping up with test dates and when testing is due. The **Report** tab will generate many different types of reports, for example, single customer information, next inspection date, tester's list, tester's profile, and much more. The **Testers** tab allows the user to enter and keep information on all testers. The testers would be working for the water purveyor or they could be an outside contractor. Some of the information you will be able to keep on them are: name, company name, when their license renewal is due, the type of equipment they are using, calibration due date on that equipment, etc.

The CD cost to members of TBPA is \$25.00 and to non-members is \$75.00. The non-member cost includes a one-year membership in TBPA.

This program was designed and is for the member of TBPA. We will work hard to make annual updates to the program and to keep those who have the CD informed of those updates. Our goal is to help each of you with your Cross Connection Program and we welcome your suggestions. By submitting your suggestions to the TBPA Board, we will know how to best update the program to fit your needs. If you, or someone you know would like more information about the CD, contact any TBPA Board member.

Wayne Cook, Middle Tennessee Director

New TBPA Members

TBPA welcomes our newest members.

- Odis Eldridge - Odie Manufacturing - Wilder, KY
- Ben Parker - Knoxville Utility Board - Knoxville, TN
- Eddie Plunk - City of Savannah - Savannah, TN
- Reeford Cagle - Scott's Plumbing Co. - Knoxville, TN
- Travis Aslinger - TDEC - Murfreesboro
- Garri Hall - Williamson Co. Schools - Franklin, TN
- Jerry McClanahan - Newport Utilities - Newport, TN
- Todd Blazer - Newport Utilities - Newport, TN
- Gary Jennings - Savannah Utility Dept. - Savannah, TN
- Jeff Foster - City of Spring Hill - Spring Hill, TN
- Ricky Williams - R & G Backflow - College Grove, TN
- Karla Warren - Flat Creek Water Co-op - Shelbyville, TN
- Joe G. Lewis, Jr. - Amer. Backflow Inspectors - Nashville, TN

- Billy Garner - Winchester Utilities - Winchester, TN
- Tim Lochridge - Pinnacle Const. Co. - Pulaski, TN
- William Shaw - Water Auth-Dickson Co. - Dickson, TN

During 2004 we had a significant increase in new members to TBPA. The West section had 5 new members and the East section had 12. The largest number of new members came from the Middle section with 16. We also had 4 individuals from out of State join. That's a total of 37 new members!

We are glad to have each and every one of you as members of TBPA. We encourage you to attend the Board meetings, volunteer for committees and become involved. You are needed. Let us know if you are willing to serve.

Liba Ford, Membership

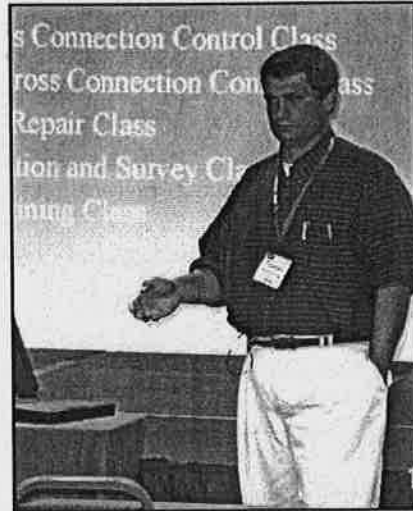
TBPA CONFERENCE



Dave Birkholz accepts the award for Furthering the Goals of the TBPA.



Wayne Cook accepted two awards from TBPA. One for his individual contributions to the field of backflow and cross connections and one for Shelbyville Water for their support and commitment to TBPA and the protection of drinking water.



Travis Aslinger speaks about training.



Angel sings with Jack Hatfield.



Banquet guests. A good time was had by all.



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.htm>

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) • January 25-28 - (4 days) • March 21-24 - (4 days) • April 12-15 - Kingsport (3 1/2 days) • April 26-29 - Knoxville (3 1/2 days) • June 6-9 (4 days) • 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)
3102	Cross Connection Control Workshop (RENEWAL) (1 1/2 or 2 days - dependent upon location) (Textbook: None; approved procedure sent with confirmation letter) • February 7-8 - (2 days) • April 11-12 - Kingsport (1 1/2 days) • April 25-26 - Knoxville (1 1/2 days) • 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 • May 12 and 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
- **Memphis Light, Gas & Water (MLGW):** Classes are held in the greater Memphis Tennessee area on an annual basis. Contact Barbara Taylor or Paulette Swanson, P.O. Box 430, Memphis, TN 38101-0430, (901) 528-4449
- **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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