

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:**

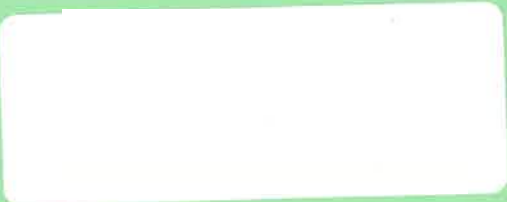
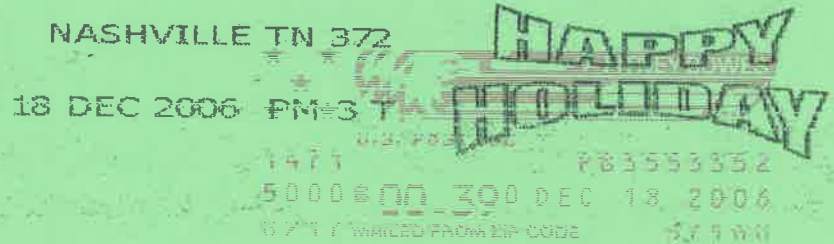
<http://tis-nt.eh.doe.gov/oepa/guidance/sdwa.htm>

**** 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
 Liba Ford
 c/o Jackson Energy Authority
 P.O. Box 68
 Jackson, TN 38302-0068



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

TBPA Members:

I'm not really sure when this newsletter will be in the hands of our members but today is December 5th and Thanksgiving has come and gone. We are heading quickly towards Christmas. I hope everyone had a GOOD THANKSGIVING (personally I don't care if I see another turkey until next November) and I wish you all a MERRY CHRISTMAS.

I believe our Annual Conference in October was one of the best we have ever had. We covered several good topics and all the speakers did an outstanding job. We were happy to have in attendance three Chapter Presidents from our region, John Oakeson (Vice-President - ABPA), Ken Ashlock (Conference Committee Chair - ABPA), and our Region 3 Director Ronnie West. Thanks to all these gentlemen for attending.

I want to congratulate the Award winners for this year, Travis Aslinger, Randy Harrell, and Cleveland Utilities (accepted by Eddie McDaniel). Keep up the good work guys. I hope everyone has a GREAT HOLIDAY SEASON and I look forward to 2007. Our next Board Meeting will be January 10th in Nashville and as always everyone is welcome to attend.

GO VOLS

Prediction for Outback Bowl: TENNESSEE 56
 PENN STATE 7

Steve Beene

TBPA General Info & Happenings

- Tennessee is a possible location for an upcoming Regional Conference.
- The minimum State Regulations will be on the State web site after January 1, 2007.
- We are looking at Middle Tennessee as the next site for our annual conference
- Our current Bank Balance is - \$15,080.72

TBPA Awards

Congratulations to those who received awards at this year's annual conference. They were: Travis Aslinger for his contributions to the Tennessee Backflow Association, Randy Harrell for his contribution to the field of backflow and Cleveland Utilities for their contributions to the field of backflow as a utility provider. Thank you for your support of our association and for furthering the goals of the TBPA.



Eddie McDaniel accepts the award for Cleveland Utilities.



Randy Harrell accepts the award for furthering the goals of TBPA



Travis Aslinger accepts the award for furthering the goals of TBPA

Winter 2006



NEXT BOARD MEETING

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

Check Out Our Website!
www.tnbackflow.com

INSIDE

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REMINDER

Please remember to mail in your ballots for Middle Tennessee Director before Dec. 22nd

Upcoming Events

TBPA Board Meetings
 January 10th - Nashville
 April 2nd - Nashville

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	Hixson 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
Todd Ausbrooks Director, Middle	Toddco Sales Inc. Nashville, TN	615-248-6010 tausbrooks@toddcosales.com	615-248-6011
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	615-898-8090 james.t.aslinger@state.tn.us	615-898-8064
Mike Trigg, Director-At-Large	Plumbers & Pipefitters Local 572	615-227-5542 local572jate@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/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 West Section News

The High Cost of Untrained Backflow Installers

By Kris Munson, Watts Water Technologies

We continue to look at the high cost of using untrained labor to install a backflow device. The factor we will discuss in this newsletter that may add to this hidden cost is: The wrong size of device was installed.

Wrong Size

Another concern that could be raised is when a different size backflow preventer is installed versus what was specified or what was needed. Most people believe bigger is better, that rarely applies in backflow prevention, and similarly, under sizing a backflow preventer can also cause a host of problems.

When a larger than needed unit is installed, it not only increases the cost of the initial installation, but will also increase the costs in the future with potentially more expensive tests, repair parts, and service calls to the unit. These issues may come up from the very beginning and cause problems for the building occupant resulting in callbacks of the installing contractor or the backflow tester. The net result is an unhappy occupant, unhappy contractor and an unhappy backflow installer.

Similar to upsizing the backflow, downsizing the backflow to a size smaller than what is required may save money in the short term with a lower installed cost, but in the future there may be increased service calls due to improper or high flow through the unit, warranty issues if it is verified by the manufacturer that the unit is operating outside of the designed parameters and at high flow there may be noise issues and increased wear on the internal components. Another issue that may be experienced due to extreme high flow is damage to the checks that will prevent them from operating correctly, thereby reducing or eliminating the level of backflow prevention depending on the severity of the failure.

Extensive rework of the incoming water supply may be necessary to correct this problem, from setter and backflow change out, to complete replacement of the incoming water supply and related piping, both of which are expensive options to all parties involved with the backflow preventer.

Merry Christmas and Happy New Year to everyone!

Lloyd Rainey
West Section Director



Left: Attendance was great at this year's conference.

Center: Steve Beene - TBPA President opens the conference.

Right: Vendors at the 2006 Conference.

NEW TBPA Members

Welcome to the newest members!

Welcome to our newest TBPA members. We are happy to have so many new members and look forward to getting to know each of you. Please remember you are always welcome at our Board Meetings.

Danny Kimsey Wendell Wilson Steve Newman Justin Stinnett Fred Lawhorn Bryan Long David Dover Chris Housewright Brian Berry	City of Maryville City of Maryville Town of Rogersville Backflow Specialty Co. Backflow Specialty Co. Control Equipment Co. BAT Associates, Inc. City of Kingsport City of Clarksville	Maryville, TN Maryville, TN Rogersville, TN Knoxville, TN Knoxville, TN Marietta, GA Fort Campbell, KY Kingsport, TN Clarksville, TN	Mike Leatherwood Jay Baker Marvin Fults Charles Fletcher Thomas Campbell Richard McCroy Kathleen Banks Allen Grayber Larry Petrowski	City of Gatlinburg West Warren-Viola Utility West Warren-Viola Utility Plumbers & Steamfitters Quinn Construction Co. Adams-Cedar Hill Water Syst. Tennessee American Water City of Bristol BWXT Y12	Gatlinburg, TN Morrison, TN Morrison, TN Knoxville, TN Savannah, TN Adams, TN Chattanooga, TN Bristol, TN Oakridge, TN
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TBPA East Section News

I would like to thank all the Members, Speakers and Vendors who attended and participated in the TBPA Conference in Gatlinburg in October. We had very good turn out and everyone had a good time.

At this year's Conference, we changed the Awards Banquet to an Awards Luncheon. Some of the members preferred the luncheon over the banquet because it gave them more time in the evening to enjoy Gatlinburg with family and friends. We are glad this change worked out for everyone this year.

Repair Class

On March 6, 2007 the East Tennessee Section of the TBPA will conduct a Watts/Ames Repair Class. The class is free but is limited to 50 people. The registration form located in the Newsletter needs to be filled out and sent to Fleming Training Center.

The class will be from 8:30 a.m. to 4:30 p.m. at Knoxville Utility Board Operations Center at 4505 Middlebrook Pike in Knoxville. Lunch will be provided by Watts/Ames. Also, Continuing Education Credits for Water, Wastewater, Distribution and Collection will be given.

Mid-America Marketing representatives Lloyd Rainey from Memphis, Tennessee and Richard Goodman from Knoxville, Tennessee will conduct the Repair Class. Richard is the East Tennessee area sales representative for Watts/Ames. The products covered for Watts will be different models and sizes of RP and DC including the new Watts 919RP and 917DC. Ames Fire and Waterworks products covered will be Ames 3000SS, Colt and Silver Eagle DC.

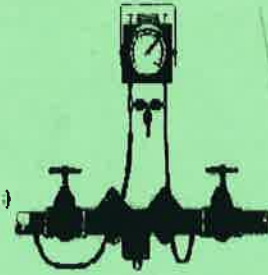
For more information call Kent Bowman at First Utility District (865) 966-9741 ext. 123 or Larry Stinnett at Backflow Specialty Co. (865) 688-3171

I hope everyone has a Merry Christmas and a Happy New Year

Kent Bowman
East Tennessee Director

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: February 8 8:30-4:30 Repair Class
 March 6 8:30-4:30 Repair Class - KUB
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.)

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

Test Gauge & Backflow Supply


Test Gauge & Backflow Supply is committed to public and professional awareness of Cross Connection Control. As a backflow supply and calibration company we are members of ABPA, TBPA, USC, ASSE, as well as regional members of IPIA and IFPA. Our vast knowledge in fire protection, domestic water, and irrigation has allowed us to become one of the top distributors in the Midwest for backflow prevention supplies.



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Backflow Specialty Co., Inc.

Larry Stinnett

P.O. Box 12162 (865) 688-3171
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Roger Crane
 Instrument Technician

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Larry D. Castleberry
Pro Marketing, Inc.
Sales Representative

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lcastleberry@promarketinginc.net
www.conbraco.com

Phone: 864-578-4334
Fax: 864-578-4889
Cell: 704-564-9663
Home Fax: 704-844-8087



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smg49@bellsouth.net

Ben O'Neal Company

The Ben O'Neal Company is a Manufacturers Representative. We have been in business for over 40 years, covering East Tennessee. The territory covered includes Chattanooga, Knoxville and the TriCities areas. We represent manufacturers such as Zurn, Wilkins and other plumbing and heating lines.



MANUFACTURERS REPRESENTATIVES

JOHNNIE BURNS

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Phone: 423.624.3359 ext 23 • Mobile: 423.667.6097
Fax: 423.622.3990
email: johnnie@bonealco.com • www.benonealcompany.com

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Wilkins, a Zurn Company, has been supplying quality water control products since 1906. Products include backflow preventers, pressure regulators, and a variety of other support products. Our dedication to our customers is our foundation, and we look forward to serving you in our second century... and beyond!



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1747 Commerce Way, Paso Robles, CA 93446
805-238-7100 or 805-226-6297 www.zurn.com

ABPA 2007 Harrington / Arthur Memorial Scholarship

The ABPA is currently accepting applications for the 2007 Harrington / Arthur Memorial Scholarship. This scholarship is available to any high school student over 13 and under 20 years of age as of January 1, 2007. Additional rules and information may be found via www.abpa.org. By submitting an essay based on the questions, "What is backflow prevention? How does your water utility address backflow prevention?" and "Is this approach adequate?" a student can win a scholarship of \$1,000.00 towards higher education. The deadline is February 28, 2007, so start working on those essays!

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	Cross Connection Control Workshop (BASIC) (3 days) <i>(Textbook: None; approved procedure sent with confirmation letter)</i>  <ul style="list-style-type: none"> * January 23-26 • March 20-23 • April 17-20 - Kingsport • May 22-25 - Knoxville • June 12-15
3102	Cross Connection Control Workshop (RENEWAL) (1 day) <i>(Textbook: None; approved procedure sent with confirmation letter)</i>  <ul style="list-style-type: none"> • January 22-23 • February 1-2 - Memphis • March 19-20 • March 28-29 - Memphis • April 16-17 - Kingsport • May 21-22 - Knoxville • June 11-12 • June 28-29 - Memphis
CCC Seminar • February 8 - 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*

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